1. Identification

Call	Date of submission
C1	25/04/2022

1.1. Full name of the project

Reducing hazardous substances in construction to safeguard the aquatic environment, protect human health and achieve more sustainable buildings

143 / 250 characters

1.2. Short name of the project

NonHazCity 3

12 / 20 characters

1.3. Programme priority

2. Water-smart societies

1.4. Programme objective

2.1 Sustainable waters

1.6. Project duration

Contracting start	22/09/2022	**Contracting end**	31/12/2022
Implementation start	01/01/2023	**Implementation end**	31/12/2025
		Duration of implementation phase (months)	36
Closure start	01/01/2026	**Closure end**	31/03/2026

1.7. Project summary

NonHazCity3 (NHC3) tackles the challenge of hazardous substances in buildings, building sites and building materials. We will develop 10 solutions and pilot them, elaborate usable protocols to get these chemicals out of our homes and workplaces, and out of the (aquatic) environment, including the Baltic Sea.
Our project is for municipalities, private entrepreneurs and residents. All these groups need to make better decisions when we build, buy or renovate if we are to have a Toxfree/Chemical Smart future. In a larger context, we all need to make more informed decisions about the chemicals in buildings and building materials from design, construction, occupancy, renovation and eventual demolition. Today, many aspects of sustainable buildings are considered in isolation. NHC3 will contribute to a more holistic perspective which we hope will be better for our health and the health of the environment, as well as being economically attractive.
Municipalities, entrepreneurs and residents are not making the right decisions because they lack awareness about both the problem and potential solutions. By developing and communicating successful pilots throughout the BSR, we will offer both knowledge and inspiration needed for a Toxfree/Chemical Smart future.
The 7 pilots we initiate in our project will not only benefit local organizations and individuals but will, if we can communicate them according to our plans, be beacons pointing towards a more sustainable future throughout the BSR.

1,499 / 1,500 characters

1.8. Summary of the partnership

NonHazCity 3 will be implemented by 21 partners &16 associated organisations from ALL 8 EU member states that border the Baltic Sea. They are acting together – PPs as key actors in solutions development & pilots, AOs as recipients of information, participants in round tables & training, advisors, policy decision makers & multipliers.
The consortium consists of all relevant target groups needed for implementation of such ambitious project – no type of organisations is missing:
• 6 active partner municipalities (environment and housing/construction departments) and 3 other types of municipal entity AOs (municipal water & construction companies, parish of church) who will be direct target group
and "guinea-pigs" of testing our solutions and provide data and information from their operations with regard to sustainable construction and state-of-the art regarding materials used. The municipalities will also give access to the water sampling teams.
• 4 national public authorities and 2 sectoral agencies (environment, chemicals safety, procurement) - one, PP21 German Environment Agency, with the important role of bringing the project results, solutions and recommendations from local level to national and EU level.
• 4 research institutes (2 PP and 2 AO) will assist in certain tasks – assessing building material impacts, substance screening, different criteria & guideline development, evaluation of pilots and impacts.
• 3 different Interest groups: World Future Council (WFC), Eco-labelling Finland, Union of the Baltic Cities: PP WFC launch environmental Awards - here the NHC Building Award as promotional action.
• 5 business support organisations AOs (3 Green Building Councils, building product assessment groups BVB (BVB is actually advancing one solution for BSR use) and BASTA) and the 3 SME partners (2 architect offices,1 environmental consultant) will be involved in practical construction activities and in sustainable building standard development.
• 7 NGOs – 6 local, 1 international (PP19, Coalition Clean Baltic) are having expert staff specialized in hazardous substance emissions, exposure and product information, sustainability policy instruments, training of stakeholders and public awareness raising.

The leadership of the project is distributed evenly among 13 partners: PP1 Riga City Council acts as project manager supported as deputy lead by PP13, BEF Germany – same tandem as NHC2. PM, 3 WP leads & co-leads and 10 partners leading the 15 GoAs, form the core group of conceptual leaders.

The budget of nearly 5M€ is distributed according to roles and rates: whereas 5 W-BSR partners (PP3,4,10,13,18) have the highest budgets of 350 000€+, 9 GoA leads (PP1,3,4,10,13,14,15,16,18) are having more than one FTE staff allocated – logically, the budgets of partners from E-BSR are lower due to staff cost rates. Most partners have direct costs allocated (12.5% of total budget) – mostly sampling & laboratory analyses, programming and communication costs.

2,997 / 3,000 characters

1.11. Project Budget Summary

Financial resources [in EUR]		Preparation costs	Planned project budget
ERDF	ERDF co-financing	0.00	3,909,296.96
	Own contribution ERDF	0.00	977,324.24
	ERDF budget	0.00	4,886,621.20
NO	NO co-financing	0.00	0.00
	Own contribution NO	0.00	0.00
	NO budget	0.00	0.00
NDICI	NDICI co-financing	0.00	0.00
	Own contribution NDICI	0.00	0.00
	NDICI budget	0.00	0.00
RU	RU co-financing	0.00	0.00
	Own contribution RU	0.00	0.00
	RU budget	0.00	0.00
TOTAL	**Total Programme co-financing**	0.00	3,909,296.96
	Total own contribution	0.00	977,324.24
	Total budget	0.00	4,886,621.20

2. Partnership

2.1. Overview: Project Partnership

2.1.1 Project Partners

No.	LP/PP	Organisation (English)	Organisation (Original)	Country	Type of partner	Legal status	Partner budget in the project	Active/inactive	
								Status	from
1	LP	Riga City Council	Rīgas dome	LV	Local public authority	a)	236,040.00 €	Active	22/09/2022
2	PP	City of Stockholm	Stockholms stad	SE	Local public authority	a)	319,153.60 €	Active	22/09/2022
3	PP	City of Västeras	Västerås Stad	SE	Local public authority	a)	378,700.00 €	Active	22/09/2022
4	PP	City of Helsinki	Helsingin kaupunki	FI	Local public authority	a)	349,788.00 €	Active	22/09/2022
5	PP	City of Tallinn	Tallinna linn	EE	Local public authority	a)	176,125.60 €	Active	22/09/2022
6	PP	Auraplan Architects	Auraplan, Schläfli von Knorre GbR	DE	Small and medium enterprise	b)	175,992.00 €	Active	22/09/2022
7	PP	ECAT - Environmental Center for Administration and Technology	Aplinkosaugos valdymo ir technologijų centras	LT	NGO	b)	81,500.00 €	Active	22/09/2022
8	PP	Holbaek municipality	Holbæk Kommune	DK	Local public authority	a)	198,500.00 €	Active	22/09/2022
9	PP	Swedish University for Agricultural Sciences (SLU)	Sveriges lantbruksuniversitet	SE	Higher education and research institution	a)	127,400.00 €	Active	22/09/2022
10	PP	Turku University of Applied Sciences (TUAS)	Turun ammattikorkeakoulu Oy	FI	Higher education and research institution	a)	349,952.00 €	Active	22/09/2022
11	PP	POMInnO Ltd.	POMINNO sp. z o.o.	PL	Small and medium enterprise	b)	138,000.00 €	Active	22/09/2022
12	PP	Building Products Assessment (BVB Service AB)	Byggvarubedömningen (BVB Service AB)	SE	Business support organisation	b)	166,707.20 €	Active	22/09/2022
13	PP	BEF Germany	Baltic Environmental Forum Deutschland e.V.	DE	NGO	b)	506,379.20 €	Active	22/09/2022
14	PP	BEF Estonia	MTÜ Balti Keskkonnafoorum	EE	NGO	b)	285,948.40 €	Active	22/09/2022
15	PP	BEF Latvia	Baltijas Vides Forums	LV	NGO	b)	199,190.40 €	Active	22/09/2022
16	PP	BEF Lithuania	Viesoji istaiga Baltijos aplinkos forumas	LT	NGO	b)	214,687.20 €	Active	22/09/2022
17	PP	Ecodesign Competence Centre	Biedrība "Ekodizaina kompetences centrs"	LV	NGO	b)	125,744.00 €	Active	22/09/2022
18	PP	World Future Council Foundation	Stiftung World Future Council	DE	Interest group	b)	369,364.40 €	Active	22/09/2022
19	PP	Coalition Clean Baltic	Coalition Clean Baltic	SE	NGO	a)	203,668.80 €	Active	22/09/2022
20	PP	NOMAD architects	NOMAD architects	LV	Small and medium enterprise	b)	59,872.40 €	Active	22/09/2022
21	PP	German Environment Agency	Umweltbundesamt	DE	National public authority	a)	223,908.00 €	Active	22/09/2022

2.1.2 Associated Organisations

No.	Organisation (English)	Organisation (Original)	Country	Type of Partner
AO 1	BASTA Online AB	BASTA Online AB	SE	Business support organisation
AO 2	Swedish Environmental Research Institute IVL	Svenska Miljöinstitutet IVL	SE	Higher education and research institution
AO 3	Ev.-luth. Parish Maria Magdalenen Hamburg Klein Borstel	Ev.-luth. Kirchengemeinde Maria Magdalenen Klein Borstel	DE	Local public authority
AO 4	Union of the Baltic Cities	Union of the Baltic Cities	FI	Interest group
AO 5	Lithuanian Green Building council	Lietuvos žaliųjų pastatų taryba	LT	Business support organisation
AO 6	The Swedish Construction Federation	Byggföretagen	SE	Business support organisation
AO 7	Luleå University of Technology	Luleå tekniska universitet	SE	Higher education and research institution
AO 8	Stockholm Water and Waste	Stockholm vatten och avfall AB	SE	Infrastructure and public service provider
AO 9	Motiva	Motiva	FI	Sectoral agency
AO 10	Ecolabelling Finland	Ympäristömerkintä Suomi Oy	FI	Interest group
AO 11	Finnish Safety and Chemicals Agency (Tukes)	Turvallisuus- ja kemikaalivirasto (Tukes)	FI	National public authority
AO 12	Finnish Environment Institute	Suomen ympäristökeskus (SYKE)	FI	Sectoral agency
AO 13	Ministry of Environment	Keskkonnaministeerium	EE	National public authority
AO 14	Ministry of Environmental Protection and Regional Development	Vides aizsardzības un reģionālās attīstības ministrija	LV	National public authority
AO 15	Latvian Sustainable Building Council	Lavijas Ilgtspējīgas būvniecības padome	LV	Business support organisation
AO 16	Vilnius Development Company	Vilniaus vystymo kompanija, UAB	LT	Infrastructure and public service provider

2.2 Project Partner Details - Partner 1

LP/PP Lead Partner

Partner Status Active

Active from 22/09/2022 **Inactive from**

Partner name:

Organisation in original language Rīgas dome

10 / 250 characters

Organisation in English Riga City Council

17 / 250 characters

Department in original language Mājokļu un vides departaments

29 / 250 characters

Department in English Housing and Environment department

34 / 250 characters

Partner location and website:

Address Brīvības iela 49/53

19 / 250 characters

Country Latvia

Postal Code	LV-1010 (7 / 250 characters)	**NUTS1 code**	Latvija
Town	Riga (4 / 250 characters)	**NUTS2 code**	Latvija
Website	www.riga.lv (11 / 100 characters)	**NUTS3 code**	Rīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	90011524360
VAT Number Format	LV + 11 digits
VAT Number	N/A ☐ LV90011524360 (13 / 50 characters)
PIC	932227425 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Role of the partner organisation in this project:

Riga City Council will act as lead Applicant of the project and be in charge of project management and financial management of the overall project. RCC will proactively contribute to solution development and test them in several pilots in Riga - e.g. GoA 2.2 and 2.3 - procurement and accompanying building of a climate-neutral, circular and toxfree kindergarten. RCC also hosts the NonHazCity Training platform that has been developed within NHC2 and will be used also further within NHC3.

491 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 2

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Stockholms stad (15 / 250 characters)
Organisation in English	City of Stockholm (17 / 250 characters)

Department in original language	Miljöförvaltningen (18 / 250 characters)
Department in English	Environment Department (22 / 250 characters)

Partner location and website:

Address	Fleminnggatan 4, Box 8136 (25 / 250 characters)	**Country**	Sweden
Postal Code	104 20 (6 / 250 characters)	**NUTS1 code**	Östra Sverige
Town	Stockholm (9 / 250 characters)	**NUTS2 code**	Stockholm
Website	start.stockholm (15 / 100 characters)	**NUTS3 code**	Stockholms län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	212000-0142
VAT Number Format	SE + 12 digits
VAT Number	N/A ☐ SE212000014201 (14 / 50 characters)
PIC	996559183 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	Yes

Role of the partner organisation in this project:

Within the project STKH will continue and step up the environmental goals for the City as well as for partners, by sharing experiences and in-house knowledge.

STKH will act as co-leader for WP1, and participate in and contribute in:
1.1 Leader
1.2: Give experience feedback from ongoing construction procurement processes using chemical demands in STKH.
1.3 and 1.5: Hands-on work to the five practical guides (O 1.3) and guidance document (D1.5)
2.1 Leader
2.2: Give experience feedback from ongoing construction procurement processes using chemical demands in STKH, focusing on follow-up processes and tools.
2.3: Piloting a construction project for a municipality building, using demands for non-HS, circularity, climate neutrality.
2.4: Piloting chemical demands for DIY-renovations in the residential areas in the city district of Royal Sea Port, where there is an established dialogue with citizens
3.1, 3.2, 3.3, 3.4, 3.5. Give experience feedback and hands-on work.

977 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 3

LP/PP	Project Partner
Partner Status	Active
Active from	22/09/2022
Inactive from	

Partner name:

Organisation in original language	Västerås Stad (13 / 250 characters)
Organisation in English	City of Västeras (16 / 250 characters)
Department in original language	Stadsledningskontoret (21 / 250 characters)
Department in English	Mayors office (14 / 250 characters)

Partner location and website:

Address	Västerås stad (13 / 250 characters)	**Country**	Sweden
Postal Code	72187 (5 / 250 characters)	**NUTS1 code**	Östra Sverige
Town	Västerås (8 / 250 characters)	**NUTS2 code**	Östra Mellansverige
Website	www.vasteras.se (15 / 100 characters)	**NUTS3 code**	Västmanlands län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	212000-2080
VAT Number Format	SE + 12 digits
VAT Number	N/A ☐ SE212000208001 (14 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

City of Västerås will participate in WP2, GoA 2.1, 2.2 and 2.3 and in WP1. Through this project City of Västerås will improve the already started work processes to build non-toxic schools and preschools, following the goals in Västerås Chemical Action Plan.
In GoA 2:1 Västerås will evaluate the results of the new building process by measuring indoor emissions in preschools and schools, comparing new and older buildings. Västerås will also measure emissions from buildings in storm water. In GoA 2.2 and 2.3 we will improve the current procurement and building process to reduce even more hazardous substances from school and preschool buildings. Strengthening environmental requirements in procurement and increasing environmental control during the whole process, from planning to final inspection, will improve the environmental performance of the building including reparations and remodeling.
Västerås results will be shared with all project partners and will be spread through WP3.

992 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 4

LP/PP Project Partner

Partner Status Active

Active from 22/09/2022 **Inactive from**

Partner name:

Organisation in original language Helsingin kaupunki

18 / 250 characters

Organisation in English City of Helsinki

16 / 250 characters

Department in original language Ympäristöpalvelut

17 / 250 characters

Department in English Environment Services

20 / 250 characters

Partner location and website:

Address Pohjoisesplanadi 11-13, P.O. Box 1

34 / 250 characters

Postal Code 00099

6 / 250 characters

Town CITY OF HELSINKI

16 / 250 characters

Website www.hel.fi

10 / 100 characters

Country Finland

NUTS1 code Manner-Suomi

NUTS2 code Helsinki-Uusimaa

NUTS3 code Helsinki-Uusimaa

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	0201256-6
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI02012566 (10 / 50 characters)
PIC	997664207 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Role of the partner organisation in this project:

The City of Helsinki is Finland's biggest public buyer with yearly procurements at 4 bn. €, big part of which comes from construction projects. Helsinki has ambitious climate and circularity targets, with a strong intention to be carbon neutral by 2030. The reduction of HS is a topic that needs to be covered in order to achieve circular and carbon neutral buildings as well as to protect the Baltic Sea. The topic has recently raised interest in Helsinki and the work has been kicked off by Finnish green deal agreement that aims to reduce HS in early childhood education procurements. Helsinki will provide the project with it's long experience of sustainable procurement as well as strong networks. Helsinki will contribute in GoA 1.1. and 1.2., do material analysis in 2.1. and conduct several pilots (e.g. testing the procurement process) in 2.2. Helsinki will closely follow and contribute when seen fit, to the BVB-piloting work done in 2.3 and contribute when seen fit to 3.1., 3.2. and 3.5.

1,000 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 5

LP/PP	Project Partner		
Partner Status	Active		
	Active from	22/09/2022	**Inactive from**

Partner name:

Organisation in original language	Tallinna linn (13 / 250 characters)
Organisation in English	City of Tallinn (15 / 250 characters)
Department in original language	Tallinna Linnavaraamet (22 / 250 characters)
Department in English	Tallinn City Property Department (32 / 250 characters)

Partner location and website:

Address	Vabaduse väljak 10 18 / 250 characters	**Country**	Estonia
Postal Code	10146 5 / 250 characters	**NUTS1 code**	Eesti
Town	Tallinn 7 / 250 characters	**NUTS2 code**	Eesti
Website	www.tallinn.ee 14 / 100 characters	**NUTS3 code**	Põhja-Eesti

Partner ID:

Organisation ID type	Registration code (Registrikood)
Organisation ID	75023757
VAT Number Format	EE + 9 digits
VAT Number	**N/A** ☐ EE101805816 11 / 50 characters
PIC	986128482 9 / 9 characters

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

PP5 City of Tallinn will pilot in WP2 the design and construction of tox-free and climate-neutral kindergarten. It tests in practice the tools, guidelines and fact sheets developed in the project and tests the building materials for their chemical content in order to find the safer alternatives from the market. City of Tallinn (with support of PP14) will implement the design of kindergarten including preparatory activities and all designing process: market dialog with related stakeholders, adaptation of procurement criteria, call for tender, accompanying the designing process after the tender has been made. Tallinn will implement also the procurement of construction companies for construction of kindergarten: market dialog with construction companies, use of criteria as designer's drawings and conditions, call for tender and accompanying the procurement process. After successful procurement Tallinn will be ready for construction of tox-free and climate-neutral kindergarten.

988 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 6

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Auraplan, Schläfli von Knorre GbR (33 / 250 characters)
Organisation in English	Auraplan Architects (19 / 250 characters)
Department in original language	no departmant (13 / 250 characters)
Department in English	no departmant (13 / 250 characters)

Partner location and website:

Address	Hartzlohplatz 5 (15 / 250 characters)	**Country**	Germany
Postal Code	22307 (5 / 250 characters)	**NUTS1 code**	Hamburg
Town	Hamburg (7 / 250 characters)	**NUTS2 code**	Hamburg
Website	www.auraplan.de (15 / 100 characters)	**NUTS3 code**	Hamburg

Partner ID:

Organisation ID type	Tax (identification) number (Steuer(identifikations)nummer)
Organisation ID	DE237004083 (11 / 50 characters)
VAT Number Format	DE + 9 digits
VAT Number	**N/A** ☐ DE237004083 (11 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	71.11 - Architectural activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Financial data	**Reference period**	01/01/2020	–	31/12/2020
	Staff headcount [in annual work units (AWU)]			2.0
	Employees [in AWU]			0.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			0.0
	Owner-managers [in AWU]			2.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			0.0
	Annual turnover [in EUR]			2,016,483.00
	Annual balance sheet total [in EUR]			8,804.00
	Operating profit [in EUR]			0.00

Role of the partner organisation in this project:

Auraplan is involved in screening and comparing the data bases and to check their use in daily practice furthermore in the elaboration of the catalogue (WP1 GoA 1.1.) and contribute to assessment and advancement of building standards, especially the German one.
Auraplan will accompany the strategic pilots in Hamburg (WP2 GoA 2.2,) in a round table facilitate dialogue with local stakeholders - public entities, construction business and designers.
As pilot in practice, Auraplan will accompany the refurbishment of a toxfree, circular and climate-neutral building, owned by the Lutherian church. (WP2 GoA 2.3) The main challenge is to deal with a limited budget and to define maximum and minimum lists of measures in frame of the refurbishment. The collaboration with the Parish and further levels of organization Lutheran Church in Hamburg, can offer opportunities for multiplication.

889 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 7

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Aplinkosaugos valdymo ir technologijų centras
	45 / 250 characters
Organisation in English	ECAT - Environmental Center for Administration and Technology
	61 / 250 characters
Department in original language	NA
	2 / 250 characters
Department in English	NA
	2 / 250 characters

Partner location and website:

Address	Lydos 4	**Country**	Lithuania
	7 / 250 characters		

Postal Code	LT 44213 (8 / 250 characters)	**NUTS1 code**	Lietuva
Town	Kaunas (6 / 250 characters)	**NUTS2 code**	Vidurio ir vakarų Lietuvos regionas
Website	www.ecat.lt (11 / 100 characters)	**NUTS3 code**	Kauno apskritis

Partner ID:

Organisation ID type	Legal person's code (Juridinio asmens kodas)
Organisation ID	210069790
VAT Number Format	Please select
VAT Number	N/A ☑ (0 / 50 characters)
PIC	950614842 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data

Reference period	01/01/2020 –	31/12/2020
Staff headcount [in annual work units (AWU)]		3.0
Employees [in AWU]		3.0
Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
Owner-managers [in AWU]		0.0
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
Annual turnover [in EUR]		71,721.00
Annual balance sheet total [in EUR]		84,521.00
Operating profit [in EUR]		8,787.00

Role of the partner organisation in this project:

Environmental Center for Administration and Technology (ECAT) is a training center for municipalities and public entities in Lithuania with a more than 25 years of experience in capacity building of public administration on environmental issues. It will take the NHC3 training programme, developed within GoA 1.4 on board of its programme and implement it within GoA 3.1. ECAT will actively work in the WP3 transferring of the project results and disseminating information to the relevant target groups (municipalities, municipal entities and schools) in Lithuania as described in GoA 3.2. It will motivate Lithuanian municipalities to become active and utilize the NHC3 tools and solutions - and, potentially, accompany a municipality that dares to participate in the NHC3 building award competition in GoA 3.4.

812 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 8

LP/PP Project Partner

Partner Status Active

Active from 22/09/2022 **Inactive from**

Partner name:

Organisation in original language Holbæk Kommune (14 / 250 characters)

Organisation in English Holbaek municipality (20 / 250 characters)

Department in original language LEKO - Ledelses- og kommunikationssekretariatet (47 / 250 characters)

Department in English LEKO - Leadership and communication secretariat (47 / 250 characters)

Partner location and website:

Address Kanalstræde 2 (13 / 250 characters)

Postal Code DK 4300 (7 / 250 characters)

Town Holbæk (6 / 250 characters)

Website www.holbaek.dk (14 / 100 characters)

Country Denmark

NUTS1 code Danmark

NUTS2 code Sjælland

NUTS3 code Vest- og Sydsjælland

Partner ID:

Organisation ID type Civil registration number (CPR)

Organisation ID 29189447

VAT Number Format DK + 8 digits

VAT Number N/A ☐ DK29 18 94 47 (13 / 50 characters)

PIC 953947374 (9 / 9 characters)

Partner type:

Legal status a) Public

Type of partner Local public authority — Municipality, city, etc.

Sector (NACE) 84.11 - General public administration activities

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Role of the partner organisation in this project:

Holbaek municipality (PP8) will actively participate in the GoA 2.2: as other municipal partners also Holbaek will check and advance GPP: investigate the preparation and development stages in construction projects. PP8 will contribute to investigations how different green building standards (e.g. Nordic Swan Ecolabel, BREEM, Lithuanian building standard) can help to reduce HS and how easy they are to use.
Holbaek contribute with ideas and experience to all WP1 activities for working out the solutions - they will do the conceptual thinking regarding standards and strategies. They will also contribute to solutions where they will do the dissemination.

658 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 9

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Sveriges lantbruksuniversitet (29 / 250 characters)
Organisation in English	Swedish University for Agricultural Sciences (SLU) (50 / 250 characters)
Department in original language	Institutionen för vatten och miljö (34 / 250 characters)
Department in English	Department of Aquatic Sciences and Assessment (45 / 250 characters)

Partner location and website:

Address	Almas Allé 8 (12 / 250 characters)	**Country**	Sweden
Postal Code	750 07 (6 / 250 characters)	**NUTS1 code**	Östra Sverige
Town	Uppsala (7 / 250 characters)	**NUTS2 code**	Östra Mellansverige
Website	www.slu.se (10 / 100 characters)	**NUTS3 code**	Uppsala län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	202100-2817
VAT Number Format	SE + 12 digits
VAT Number	**N/A** ☐ SE202100281701 (14 / 50 characters)
PIC	999887350 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	85.42 - Tertiary education	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

SLU are leaders in the area of plastic pollution. They study the ecology and ecotoxicology of microplastics in freshwater systems. Researchers at SLU study a wide range of other topics in the natural and social sciences. They are world-leaders in the field of non-target screening for hazardous substances. Researchers are also active in the areas of environmental communication and the development of strategies for stakeholder engagement and conflict resolution. SLU has a strong focus on the health of the Baltic Sea and the Baltic Sea region. SLU has been partner in NHC1 and AO in NHC2. In NHC3 SLU will contribute to the conceptual development of the solutions in WP1, GoA 1.2 and take responsibility for the projects good link to the water issues related to construction materials and sites (GoA 1.1 and 2.1). SLU will lead GoA1.5 and GoA 2.5, develop the assessment methodology for pilots and solutions and design & compile O2.5, the assessment report.

960 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

State aid relevance

For the partner type selected, the Programme sees a medium to high risk for implementing State aid relevant activities. If the partner is of the opinion that its activities are not State aid relevant, it can ask the MA/JS for a plausibility check on the State aid relevance. Does the partner want to do this?

○ Yes ○ No

2.2 Project Partner Details - Partner 10

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Turun ammattikorkeakoulu Oy (27 / 250 characters)
Organisation in English	Turku University of Applied Sciences (TUAS) (43 / 250 characters)
Department in original language	Tekniikka ja liiketoiminta (26 / 250 characters)
Department in English	Engineering and Business (24 / 250 characters)

Partner location and website:

Address	Joukahaisenkatu 3 (17 / 250 characters)	**Country**	Finland

Postal Code	20520 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Turku (5 / 250 characters)	**NUTS2 code**	Etelä-Suomi
Website	https://www.tuas.fi/en/ (23 / 100 characters)	**NUTS3 code**	Varsinais-Suomi

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	2528160-3
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI25281603 (10 / 50 characters)
PIC	948193431 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	85.42 - Tertiary education	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

Turku University of Applied Sciences (TUAS) the author of Guide for Chemical Smart Public Procurement (BSR NonHazCity -project) has actively worked with Finnish municipalities to advance chemical smart public procurement in Finland. Currently TUAS is e.g. providing expertise and implements trainings for Finnish national voluntary green deal agreement for municipalities concerning reduction of hazardous chemicals in pre-school procurements. In addition, TUAS has developed and produced online training materials for Finnish municipalities regarding hazardous substances, chemical management and chemical smart public procurement (NonHazCity2). TUAS has long experience with hazardous substances screening (storm water, construction storm water and wastewater) and hazardous substances reduction measures and TUAS has implemented various projects on this field.
In NHC3 TUAS is GoA 2.2 leader. The role includes supporting with its experience strategic pilot implementation.

979 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

State aid relevance

For the partner type selected, the Programme sees a medium to high risk for implementing State aid relevant activities. If the partner is of the opinion that its activities are not State aid relevant, it can ask the MA/JS for a plausibility check on the State aid relevance. Does the partner want to do this?

○ Yes ○ No

Justification why the partner's activities are not State aid relevant

Turku University of Applied Sciences is not undertaking but an educational institution

86 / 3,000 characters

2.2 Project Partner Details - Partner 11

LP/PP	Project Partner
Partner Status	Active
Active from	22/09/2022
Inactive from	

Partner name:

Organisation in original language	POMINNO sp. z o.o. (18 / 250 characters)
Organisation in English	POMInnO Ltd. (12 / 250 characters)
Department in original language	Badania i Rozwój (16 / 250 characters)
Department in English	Research & Development (22 / 250 characters)

Partner location and website:

Address	Krasickiego 15/10 (17 / 250 characters)	**Country**	Poland
Postal Code	81-377 (6 / 250 characters)	**NUTS1 code**	Makroregion północny
Town	Gdynia (6 / 250 characters)	**NUTS2 code**	Pomorskie
Website	www.pominno.eu (14 / 100 characters)	**NUTS3 code**	Trójmiejski

Partner ID:

Organisation ID type	Tax identification number (NIP)
Organisation ID	5862280968
VAT Number Format	PL + 10 digits
VAT Number	N/A ☐ PL5862280968 (12 / 50 characters)
PIC	947254568 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	72.19 - Other research and experimental development on natural sciences and engineering	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	Yes

Financial data	**Reference period**	01/01/2019	–	31/12/2019
	Staff headcount [in annual work units (AWU)]			3.0
	Employees [in AWU]			1.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			1.0
	Owner-managers [in AWU]			1.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			0.0
	Annual turnover [in EUR]			47,054.00
	Annual balance sheet total [in EUR]			91,707.00
	Operating profit [in EUR]			23,802.00

Role of the partner organisation in this project:

PP11 will act as a facilitator of project activities in Poland. PP11 will also significantly contribute to development and implementation of WP1 and WP3, while supporting WP2 activities in Poland.

196 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 12

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Byggvarubedömningen (BVB Service AB)
	36 / 250 characters
Organisation in English	Building Products Assessment (BVB Service AB)
	45 / 250 characters
Department in original language	n/a
	4 / 250 characters
Department in English	n/a
	3 / 250 characters

Partner location and website:

Address	Landsvägen 50A	**Country**	Sweden
	14 / 250 characters		
Postal Code	172 63	**NUTS1 code**	Östra Sverige
	7 / 250 characters		
Town	Sundbyberg	**NUTS2 code**	Stockholm
	10 / 250 characters		
Website	https://byggvarubedomningen.com/	**NUTS3 code**	Stockholms län
	32 / 100 characters		

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	556895-6964
VAT Number Format	SE + 12 digits
VAT Number	N/A ☐ SE556895696401 (14 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Business support organisation	Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc.
Sector (NACE)	71.12 - Engineering activities and related technical consultancy	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data	**Reference period**	01/01/2021 –	31/12/2021
	Staff headcount [in annual work units (AWU)]		24.5
	Employees [in AWU]		18.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		6.5
	Owner-managers [in AWU]		0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		3,000,000.00
	Annual balance sheet total [in EUR]		1,500,000.00
	Operating profit [in EUR]		1,800,000.00

Role of the partner organisation in this project:

Our main objective is to facilitate informed choices of material based on chemical content and to make it possible to log information on these materials in a structured way. To do that we have created a web-based system that consist of two parts: a logbook tool and assessments of building materials made by clear critera. In WP 1 we will make available the web system for project partners in English. Partners will try out the system and learn from it as this is a quite unique concept existing in Sweden. We are a membership organization with an extended web of contacts: constructors, property owners, suppliers, manufacturers, trade organizations. An important part in this project would be to function as a knowledge transferer with regard to buildning materials and its content/chemicals, legislation, how to use a logbook as good as possible.

850 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 13

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Baltic Environmental Forum Deutschland e.V. (43 / 250 characters)
Organisation in English	BEF Germany (11 / 250 characters)
Department in original language	NA (2 / 250 characters)
Department in English	NA (2 / 250 characters)

Partner location and website:

Address	Osterstrasse 58 (15 / 250 characters)	**Country**	Germany
Postal Code	20259 (5 / 250 characters)	**NUTS1 code**	Hamburg
Town	Hamburg (7 / 250 characters)	**NUTS2 code**	Hamburg
Website	www.bef-de.org (14 / 100 characters)	**NUTS3 code**	Hamburg

Partner ID:

Organisation ID type	Other registration number (Sonstige)
Organisation ID	17944 (5 / 50 characters)
VAT Number Format	DE + 9 digits
VAT Number	**N/A** ☐ DE282199422 (11 / 50 characters)
PIC	984261717 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Financial data	**Reference period**	01/01/2020	–	31/12/2020
	Staff headcount [in annual work units (AWU)]			8.3
	Employees [in AWU]			8.3
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			0.0
	Owner-managers [in AWU]			0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			0.0
	Annual turnover [in EUR]			538,650.91
	Annual balance sheet total [in EUR]			320,849.62
	Operating profit [in EUR]			-3,817.16

Role of the partner organisation in this project:

BEF DE will act as co-lead applicant of the project and support PP1 in partner management, financial management and is in charge of creating synergies between the WPs and GoAs. Furthermore, BEF DE will lead WP3 in cooperation with WFC and lead GoA 3.2. BEF DE will coordinate the project implementation in Hamburg and do own pilots related to inhabitants awareness, support municipalities in soft measures BEF DE will prepare modules for the capacity building programme for municipalities in German language and act as lead author for brochures and a DIY guide for inhabitants for renovation of their homes. Finally, BEF DE will promote the project in Hamburg as well as in Germany and Europe-wide. We will prepare and moderate the projects international workshops.

766 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 14

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	MTÜ Balti Keskkonnafoorum (25 / 250 characters)
Organisation in English	BEF Estonia (11 / 250 characters)
Department in original language	Balti Keskkonnafoorum (21 / 250 characters)
Department in English	BEF Estonia (11 / 250 characters)

Partner location and website:

Address	Liimi 1 (7 / 250 characters)	**Country**	Estonia
Postal Code	10621 (5 / 250 characters)	**NUTS1 code**	Eesti
Town	Tallinn (7 / 250 characters)	**NUTS2 code**	Eesti
Website	www.bef.ee (10 / 100 characters)	**NUTS3 code**	Põhja-Eesti

Partner ID:

Organisation ID type	Registration code (Registrikood)
Organisation ID	80191103
VAT Number Format	EE + 9 digits
VAT Number	**N/A** ☑ 0 / 50 characters
PIC	951027965 9 / 9 characters

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Financial data	**Reference period**	01/01/2020 –	31/12/2020
	Staff headcount [in annual work units (AWU)]		8.0
	Employees [in AWU]		7.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
	Owner-managers [in AWU]		1.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		432,642.00
	Annual balance sheet total [in EUR]		246,952.00
	Operating profit [in EUR]		36,468.00

Role of the partner organisation in this project:

PP14 BEF Estonia will act as leader of WP2 and will be in charge of coordinating all activities and outputs of that work package. It will lead GoA 2.3. PP14 will also contribute to the development of catalogue of building materials, different information materials and training modules in WP1. Furthermore, PP14 will support PP5 City of Tallinn in testing the guidelines and BVB database, testing the building materials for their chemical content and in practical implementing of designing of the chemical-smart and climate-neutral kindergarten. BEF Estonia will also bring together the related stakeholders (designers of buildings, producers of building materials, construction companies and their associations), support City of Tallinn in dialog with them and arrange the trainings and info days. BEF Estonia guarantees the visibility of the project activities both in Estonia and wider as well be responsible for transferring the solutions; organizes awareness raising campaigns for inhabitants.

999 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 15

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Baltijas Vides Forums (21 / 250 characters)
Organisation in English	BEF Latvia (10 / 250 characters)
Department in original language	N/A (3 / 250 characters)
Department in English	N/A (3 / 250 characters)

Partner location and website:

Address	Antonijas 3 - 8 (15 / 250 characters)	**Country**	Latvia
Postal Code	LV-1010 (7 / 250 characters)	**NUTS1 code**	Latvija
Town	Rīga (4 / 250 characters)	**NUTS2 code**	Latvija
Website	www.bef.lv (10 / 100 characters)	**NUTS3 code**	Rīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	40008075450
VAT Number Format	LV + 11 digits
VAT Number	**N/A** ☐ LV40008075450 (13 / 50 characters)
PIC	999533106 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Financial data			
	Reference period	01/01/2021 –	31/12/2021
	Staff headcount [in annual work units (AWU)]		16.0
	Employees [in AWU]		16.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
	Owner-managers [in AWU]		0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		1,469,920.00
	Annual balance sheet total [in EUR]		333,809.00
	Operating profit [in EUR]		0.00

Role of the partner organisation in this project:

PP15 acts as supporter of environmental policy development and implementation at various levels. Focus of PP15 is on tox-free construction materials, solutions and approaches, facilitating stakeholder dialogue within the supply chain and supporting municipalities to apply strategic and practical solutions in construction and renovation of buildings. PP15 will involve experienced expert team in the fields of chemistry, environmental management and stakeholder involvement, strategic planning and communication. In NonHazCity3 project, PP15 will lead the WP1 (in particular taking the leadership of GoA1.1, 1.2 and 1.3). PP15 will take part in piloting (WP2) and transferring (WP3) activities. PP15 will act as a facilitator in Latvia by working with interest groups, municipalities and small and medium-sized enterprises. PP15 will cooperate with Riga City to foster tox-free construction and will take part in implementation of the inhabitants awareness raising campaign.

977 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 16

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Viesoji istaiga Baltijos aplinkos forumas (41 / 250 characters)
Organisation in English	BEF Lithuania (13 / 250 characters)
Department in original language	N/A (3 / 250 characters)
Department in English	N/A (3 / 250 characters)

Partner location and website:

Address	Slamuciu str. 2 (15 / 250 characters)	**Country**	Lithuania
Postal Code	LT-10238 (8 / 250 characters)	**NUTS1 code**	Lietuva
Town	Vilnius (7 / 250 characters)	**NUTS2 code**	Sostinės regionas
Website	www.bef.lt (10 / 100 characters)	**NUTS3 code**	Vilniaus apskritis

Partner ID:

Organisation ID type	Legal person's code (Juridinio asmens kodas)
Organisation ID	110090837
VAT Number Format	LT + 12 digits
VAT Number	N/A ☐ LT100002936910 (14 / 50 characters)
PIC	968351874 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Financial data	**Reference period**	01/01/2021 –	31/12/2021
	Staff headcount [in annual work units (AWU)]		20.2
	Employees [in AWU]		20.2
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
	Owner-managers [in AWU]		0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		698,348.00
	Annual balance sheet total [in EUR]		1,296,695.00
	Operating profit [in EUR]		1,221.00

Role of the partner organisation in this project:

BEF-LT will be involved in researching construction materials and products to compile the catalogue of safe building materials (GoA 1.1); developing strategic, technical and practical solutions for sustainable construction in municipalities, including activities with sustainable building standards (GoA 1.2 and GoA 1.3). BEF-LT will also be involved in developing the training course in GoA 1.4. Facilitated round tables with the Lithuanian municipalities will be performed in GoA 2.2 with PP7 and also training in Lithuania (GoA 3.2). Educational activities will be performed in GoA 2.4 regarding safe construction/ renovation of private buildings. BEF-LT will also contribute to the assessment and evaluation of pilot activities (GoA 2.5) with regard to substances and environmental impacts. BEF-LT will be in close communication with AO5 regarding the LT green building standard and HS aspects of construction as well as Vilnius Development Company who will benefit from the project outcomes.

997 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 17

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Biedrība "Ekodizaina kompetences centrs" (41 / 250 characters)
Organisation in English	Ecodesign Competence Centre (27 / 250 characters)
Department in original language	Biedrība (9 / 250 characters)
Department in English	Society (8 / 250 characters)

Partner location and website:

Address	Alūksnes iela 3A - 45 (21 / 250 characters)	**Country**	Latvia
Postal Code	LV-1045 (7 / 250 characters)	**NUTS1 code**	Latvija
Town	Rīga (4 / 250 characters)	**NUTS2 code**	Latvija
Website	www.ekodizains.org (18 / 100 characters)	**NUTS3 code**	Rīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	40008203350
VAT Number Format	LV + 11 digits
VAT Number	**N/A** ☑ (0 / 50 characters)
PIC	941986013 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Financial data	**Reference period**	01/01/2020	–	31/12/2020
	Staff headcount [in annual work units (AWU)]			4.2
	Employees [in AWU]			2.1
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			2.1
	Owner-managers [in AWU]			0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			0.0
	Annual turnover [in EUR]			90,000.00
	Annual balance sheet total [in EUR]			7,460.00
	Operating profit [in EUR]			0.00

Role of the partner organisation in this project:

ECC will lead GoA 2.4 and participate pro-actively in all other GoAs. The expertise of the Ecodesign Competence Centre lies with chemicals management, circular economy, and green public procurement, as well as writing guidelinea. ECC staff has been involved in the CircularPP INTERREG project as well as in ICLEI training programmes and seminars.

346 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 18

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Stiftung World Future Council (29 / 250 characters)
Organisation in English	World Future Council Foundation (31 / 250 characters)
Department in original language	n/a (3 / 250 characters)
Department in English	n/a (3 / 250 characters)

Partner location and website:

Address	Große Elbstrasse 117 (20 / 250 characters)	**Country**	Germany
Postal Code	22767 (5 / 250 characters)	**NUTS1 code**	Hamburg
Town	Hamburg (7 / 250 characters)	**NUTS2 code**	Hamburg
Website	www.worldfuturecouncil.org (26 / 100 characters)	**NUTS3 code**	Hamburg

Partner ID:

Organisation ID type	Tax (identification) number (Steuer(identifikations)nummer)
Organisation ID	DE259937003 (11 / 50 characters)
VAT Number Format	DE + 9 digits
VAT Number	N/A ☐ DE259937003 (11 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Interest group	Trade union, foundation, charity, voluntary association, club, etc. other than NGOs
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Financial data	**Reference period**	01/01/2020 –	31/12/2020
	Staff headcount [in annual work units (AWU)]		9.0
	Employees [in AWU]		9.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
	Owner-managers [in AWU]		0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		796,000.00
	Annual balance sheet total [in EUR]		617,000.00
	Operating profit [in EUR]		-319,077.00

Role of the partner organisation in this project:

The World Future Council Foundation will work with BEF Latvia and all project partners on developing A.1.4 (Capacity building concept) and the resulting deliverable. We are also co-leading with BEF Germany the work package 3 and are in particular responsible for the coordination of A.3.1 (Capacity building at municipalities and construction companies, testing the deliverable 1.4) as well as for the implementation of GoA.3.4: The NonHazCity Building Award and related output.

479 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 19

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Coalition Clean Baltic (22 / 250 characters)
Organisation in English	Coalition Clean Baltic (22 / 250 characters)
Department in original language	n/a (3 / 250 characters)
Department in English	n/a (3 / 250 characters)

Partner location and website:

Address	Ostra Agatan 53 (15 / 250 characters)	**Country**	Sweden
Postal Code	SE-753 22 (9 / 250 characters)	**NUTS1 code**	Östra Sverige
Town	Uppsala (8 / 250 characters)	**NUTS2 code**	Östra Mellansverige
Website	www.ccb.se (10 / 100 characters)	**NUTS3 code**	Uppsala län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	802015-1281
VAT Number Format	SE + 12 digits
VAT Number	**N/A** ☑ (0 / 50 characters)
PIC	892138683 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	94.99 - Activities of other membership organisations n.e.c.	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Role of the partner organisation in this project:

CCB is a membership organization and currently has 25 member from 10 countries. It has a long tradition to work on pollution of the Baltic Sea and, particularly, hazardous substance issues. CCB is representing BSR NGOs at various policy fora, such as HELCOM, EUSBSR etc.
In NHC3 CCB will support other PPs in dissemination and transfer of knowledge and information generated in WP1 and WP2. CCB will develop and implement communication tools to share information generated within the project, especially within pilots, among the wider pan-Baltic NGO community, and broader civil society in Baltic Sea region. Such tools will include ad-campaigns in social networks, and online media instruments. CCB will also specifically work with PPs on GoA 3.3 to develop an awareness-raising campaign for inhabitants of the Baltic Sea region interesting in renovations and building of private houses. This campaign will develop tools and materials for direct communication with public.

973 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 20

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	NOMAD architects (16 / 250 characters)
Organisation in English	NOMAD architects (16 / 250 characters)
Department in original language	n/a (3 / 250 characters)
Department in English	n/a (3 / 250 characters)

Partner location and website:

Address	Pulkveža Brieža iela 8-10 (25 / 250 characters)	**Country**	Latvia
Postal Code	LV-1010 (7 / 250 characters)	**NUTS1 code**	Latvija
Town	Rīga (4 / 250 characters)	**NUTS2 code**	Latvija
Website	nomadarchitects.lv (18 / 100 characters)	**NUTS3 code**	Rīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	44103129529
VAT Number Format	LV + 11 digits
VAT Number	**N/A** ☑ (0 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	71.11 - Architectural activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Financial data	**Reference period**	01/01/2020 –	31/12/2020
	Staff headcount [in annual work units (AWU)]		2.2
	Employees [in AWU]		1.2
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
	Owner-managers [in AWU]		1.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		5,769.00
	Annual balance sheet total [in EUR]		1,260.00
	Operating profit [in EUR]		-1,509.00

Role of the partner organisation in this project:

PP20 will participate in the pilot 6 - accompanying (private) house design & construction. They will design a single family home (one or two houses) where the used materials in construction are reviewed and implementable suggestions developed to improve the choices in terms of impact on environment through emissions of hazardous substances. They will also test the guidance. Additionally partner will contribute to the WP3 with its connections and expertise.

460 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 21

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Umweltbundesamt
	15 / 250 characters
Organisation in English	German Environment Agency
	25 / 250 characters
Department in original language	Abteilung III 1 Nachhaltige Produkte und nachhaltiger Konsum, Kreislaufwirtschaft
	81 / 250 characters
Department in English	Dept. III 1 Sustainable Products and Sustainable Consumption, Circular Economy
	78 / 250 characters

Partner location and website:

Address	Wörlitzerplatz 1 16 / 250 characters	**Country**	Germany
Postal Code	06844 5 / 250 characters	**NUTS1 code**	Sachsen-Anhalt
Town	Dessau-Roßlau 13 / 250 characters	**NUTS2 code**	Sachsen-Anhalt
Website	https://www.umweltbundesamt.de/en 33 / 100 characters	**NUTS3 code**	Dessau-Roßlau, Kreisfreie Stadt

Partner ID:

Organisation ID type	Other registration number (Sonstige)
Organisation ID	founded by law 22.07.1974 25 / 50 characters
VAT Number Format	DE + 9 digits
VAT Number	**N/A** ☐ DE811317238 11 / 50 characters
PIC	998575910 9 / 9 characters

Partner type:

Legal status	a) Public	
Type of partner	National public authority	Ministry, etc.
Sector (NACE)	84.12 - Regulation of the activities of providing health care, education, cultural services and other social services, excluding social security	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

PP21 is a national public authority responsible for environmental issues. In this project the PP21 will lead GoA 3.5.It will support DE and other partners with conceptual inputs regarding procurement and other areas of their competence. They will bring together the national authorities to discuss the NHC3 findings, give input to national authorities for policy take-up and bring the findings of project pilot cases from local to national and EU level.

454 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

◉ Yes ○ No

2.3 Associated Organisation Details - AO 1

Associated organisation name and type:

Organisation in original language: BASTA Online AB (15 / 250 characters)

Organisation in English: BASTA Online AB (15 / 250 characters)

Department in original language: na (2 / 250 characters)

Department in English: na (2 / 250 characters)

Legal status: b) Private

Type of associated organisation: Business support organisation — Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc.

Associated organisation location and website:

Address: Box 210 60 (10 / 250 characters)

Country: Sweden

Postal Code: 100 31 (7 / 250 characters)

Town: Stockholm (9 / 250 characters)

Website: https://www.bastaonline.se/ (27 / 100 characters)

Role of the associated organisation in this project:

The BASTA system is open to anyone and offers a way to make conscious construction product selections – for example for building owners, contractors, architects, structural engineers or individuals. The BASTA system is scientifically based with the purpose to phase out substances of concern from building and construction products. BASTA will be tested in GoA 1.1 (Assessment of building materials vis-a-vis hazardous substances), in the evaluation process, as well as in WP2 pilots for choosing sustainable building-related products for DIY-renovation and construction (GoA 2.4 Accompanying private house design & construction and DIY renovations by inhabitants). BASTA is owned by IVL Svenska Miljöinstitutet and The Swedish Construction Federation.

752 / 1,000 characters

2.3 Associated Organisation Details - AO 2

Associated organisation name and type:

Organisation in original language
Svenska Miljöinstitutet IVL
27 / 250 characters

Organisation in English
Swedish Environmental Research Institute IVL
44 / 250 characters

Department in original language
Miljökemi
9 / 250 characters

Department in English
Environmental Chemistry
23 / 250 characters

Legal status
b) Private

Type of associated organisation
Higher education and research instituti
University faculty, college, research institution, RTD facility, research cluster, etc.

Associated organisation location and website:

Address
Box 210 60
10 / 250 characters

Country
Sweden

Postal Code
100 31
6 / 250 characters

Town
Stockholm
9 / 250 characters

Website
https://www.ivl.se/
19 / 100 characters

Role of the associated organisation in this project:

IVL is Sweden's leading organization for environmental research and one of the most qualified institutes in Europe. IVL undertakes research projects and contract assignments in the areas of energy, climate, environmental engineering, waste management, indoor and work environment, environmental monitoring and environmental quality evaluation. Together with companies, organizations, municipalities and authorities, IVL develop solutions that contribute to sustainable operations and a sustainable society. IVL will be a part (as a subcontractor and specialist support) of GoA 2.1 (Screening and monitoring of hazardous substance occurrence in building materials and sites), for the collection and chemical analyses of hazardous substances in material, dust and air in preschools. IVL will also take part in the final conference as well as act as advisors during the project. IVL owns 50% of BASTA (AO1).

904 / 1,000 characters

2.3 Associated Organisation Details - AO 3

Associated organisation name and type:

Organisation in original language
Ev.-luth. Kirchengemeinde Maria Magdalenen Klein Borstel
56 / 250 characters

Organisation in English
Ev.-luth. Parish Maria Magdalenen Hamburg Klein Borstel
55 / 250 characters

Department in original language
Ev.-luth. Parish Maria Magdalenen Hamburg Klein Borstel
55 / 250 characters

Department in English
no department
13 / 250 characters

Legal status
a) Public

Type of associated organisation
Local public authority
Municipality, city, etc.

Associated organisation location and website:

Address
Stübeheide 172
14 / 250 characters

Country
Germany

Postal Code
22337
5 / 250 characters

Town
Hamburg
7 / 250 characters

Website
http://www.gemeinde-maria-magdalenen.de
39 / 100 characters

Role of the associated organisation in this project:

The Parish plans a complex refurbishment of buildings (parish house, Meeting rooms etc). This should be done as environmental friendly as possible, but also as economically as possible. This project is implemented together with PP6 Auraplan Architects and will serve as pilot in WP2 (GoA2.3). They will not only take into consideration toxfree, circular and climate-neutral elements, but also view (and try to solve) the potential dilemma in costs of sustainable versus regular choice for building projects/materials.

517 / 1,000 characters

2.3 Associated Organisation Details - AO 4

Associated organisation name and type:

Organisation in original language: Union of the Baltic Cities (26 / 250 characters)

Organisation in English: Union of the Baltic Cities (26 / 250 characters)

Department in original language: Sustainable Cities Commission c/o City of Turku (47 / 250 characters)

Department in English: Sustainable Cities Commission c/o City of Turku (47 / 250 characters)

Legal status: a) Public

Type of associated organisation: Interest group — Trade union, foundation, charity, voluntary association, club, etc. other than NGOs

Associated organisation location and website:

Address: Vanha Suurtori 7 (16 / 250 characters)

Country: Finland

Postal Code: 2050 (4 / 250 characters)

Town: Turku (5 / 250 characters)

Website: www.ubc.net (11 / 100 characters)

Role of the associated organisation in this project:

UBA will mainly act as motor for networking, dissemination and transfer of the solutions in WP3. NHC3 will do an assessment of construction materials vis-à-vis hazardous substances – UBC is interested in the improved state of the Baltic Sea and it is written in the UBC Sustainability action Programme 2030. For the NHC catalogue of substances, management tools, guidelines and training modules UBC will use its channels for dissemination: UBC bulletin, Newsletter, UBC talks webinars, News section on our website, SoMe channels and Baltic Smart Water Hub platform
UBC will present the NHC3 best practice pilots in the regular UBC sustainable Cities Commission meetings for sharing of good practices and solutions. And UBY will invite external participants to the international workshops of the project and participate itself in the policy related exchange.

858 / 1,000 characters

2.3 Associated Organisation Details - AO 5

Associated organisation name and type:

Organisation in original language
Lietuvos žaliųjų pastatų taryba
31 / 250 characters

Organisation in English
Lithuanian Green Building council
33 / 250 characters

Department in original language
na
2 / 250 characters

Department in English
na
2 / 250 characters

Legal status
b) Private

Type of associated organisation
Business support organisation
Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc.

Associated organisation location and website:

Address
Konstitucijos pr. 7
19 / 250 characters

Country
Lithuania

Postal Code
LT-09308
8 / 250 characters

Town
Vilnius
7 / 250 characters

Website
www.lzpt.lt
11 / 100 characters

Role of the associated organisation in this project:

Lithuanian Green Building Council is committed to interact with the project and participate in dissemination and transfer of solutions within WP3. The organization has members and a great network of construction related stakeholders who can be easily addressed and invited to trainings and receive newsletter in which the NHC outputs are mentioned. LGBC is also having a building standard for Green Buildings which is far easier to understand and implement than BREEAM or similar. This standard is currently under revision and NHC will be welcome in getting the Hazardous Substances and Circularity related issues into consideration.

634 / 1,000 characters

2.3 Associated Organisation Details - AO 6

Associated organisation name and type:

Organisation in original language: Byggföretagen (13 / 250 characters)

Organisation in English: The Swedish Construction Federation (35 / 250 characters)

Department in original language: na (2 / 250 characters)

Department in English: na (2 / 250 characters)

Legal status: b) Private

Type of associated organisation: Business support organisation

Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc.

Associated organisation location and website:

Address: Box 5054 (8 / 250 characters)

Country: Sweden

Postal Code: 102 42 (6 / 250 characters)

Town: Stockholm (9 / 250 characters)

Website: https://byggforetagen.se/ (25 / 100 characters)

Role of the associated organisation in this project:

(text is not approved by SCF, yet) The Swedish Construction Federation (SCF) is an industry and employer organisation for construction, civil engineering and specialised companies that want to build Sweden on a foundation of fair principles. SCF will have a role as connection to the construction industry. In addition, SCF will contribute with providing information channels to the European construction market in GoA 3.2 (Transfer of solutions by international networking), as advisory (board?) in GoA 3.4 (The NonHazCity Building Award) as well as sharing results to member companies and co-federations in GoA 3.5 (Transfer of NHC3 findings from local to national and EU level). SCF BASTA (AO1) together with IVL (AO2).

722 / 1,000 characters

2.3 Associated Organisation Details - AO 7

Associated organisation name and type:

Organisation in original language: Luleå tekniska universitet (26 / 250 characters)

Organisation in English: Luleå University of Technology (31 / 250 characters)

Department in original language: VA-teknik, Arkitektur och vatten, Institutionen för samhällsbyggnad och naturresurser (85 / 250 characters)

Department in English: Urban Water Engineering, Architecture and Water, Department of Civil, Environmental and Natural Resources Engineering (117 / 250 characters)

Legal status: a) Public

Type of associated organisation: Higher education and research instituti — University faculty, college, research institution, RTD facility, research cluster, etc.

Associated organisation location and website:

Address: na (2 / 250 characters)

Country: Sweden

Postal Code: 97187 (6 / 250 characters)

Town: Luleå (5 / 250 characters)

Website: https://www.ltu.se/ (19 / 100 characters)

Role of the associated organisation in this project:

LTU is hosting the Drizzle competence centre (described in Relevance, Other projects 3.8). LTU will be a part (as a subcontractor) of GoA 2.1 (Screening and monitoring of hazardous substance occurrence in building materials and sites), for the collection and chemical analyses of hazardous substances in stormwater/sediments. LTU will also take part in the final conference as well as advisors during the project. The Drizzle competence centre and its network is a great platform for collaboration among researchers, municipalities and the construction industry, by exchanging results and knowledge about hazardous substances in storm water.

641 / 1,000 characters

2.3 Associated Organisation Details - AO 8

Associated organisation name and type:

Organisation in original language
Stockholm vatten och avfall AB
30 / 250 characters

Organisation in English
Stockholm Water and Waste
26 / 250 characters

Department in original language
VA-avdelningen, enheten för Miljö och uppströmsarbete
53 / 250 characters

Department in English
na
2 / 250 characters

Legal status
a) Public

Type of associated organisation
Infrastructure and public service provi
Public transport, utility company (water supply, electricity supply, sewage, gas, waste collection, airport, port, railway, etc.)

Associated organisation location and website:

Address
na
2 / 250 characters

Country
Sweden

Postal Code
10636
5 / 250 characters

Town
Stockholm
9 / 250 characters

Website
https://www.stockholmvattenochavfall.se/
40 / 100 characters

Role of the associated organisation in this project:

Stockholm vatten och avfall AB (SVOA)is a subsidiary to Stockholm Stadshus AB. SVOA operate two of Sweden's largest WWTPs, Bromma and Henriksdal WWTP, they are also the owner of the sewerage system and have many years of expertise on source control and sampling in the sewerage system.
SVOA will be a part (as subcontractor and specialist support) of GoA 2.1, (Screening and monitoring of hazardous substance occurrence in building materials and sites), for managing and sampling of household wastewater as well as managing the chemical analyses planned in GoA 1.2.

568 / 1,000 characters

2.3 Associated Organisation Details - AO 9

Associated organisation name and type:

Organisation in original language: Motiva (7 / 250 characters)

Organisation in English: Motiva (7 / 250 characters)

Department in original language: NA (2 / 250 characters)

Department in English: NA (2 / 250 characters)

Legal status: a) Public

Type of associated organisation: Sectoral agency

Local or regional development agency, environmental agency, energy agency, employment agency, etc.

Associated organisation location and website:

Address: Motiva Oy PL 489 (16 / 250 characters)

Country: Finland

Postal Code: 00101 (5 / 250 characters)

Town: HELSINKI (8 / 250 characters)

Website: https://www.motiva.fi/ (22 / 100 characters)

Role of the associated organisation in this project:

Motiva – a Sustainable Development Company, provides the public sector, businesses, municipalities and consumers with solutions and services that allow them to make sustainable choices. Motiva is coordinating Finnish voluntary green deal agreement for municipalities and centralised procurement units concerning reduction of hazardous chemicals in pre-school procurements and it is also representative of KEINO (a network-based Competence center for Sustainable and Innovative public procurement in Finland) which e.g. provides a platform for Finnish public develop sustainable public procurement in Finland.
Motiva's role in project is to provide its strong experiences for the NHC3 Finnish expertise group that has two main purposes. Firstly, Finnish expertise group will provide advice for project implementation and secondly, project keeps expertise group informed about the activities and results of the NHC3. Expert group has meeting 2-3 times per year.

960 / 1,000 characters

2.3 Associated Organisation Details - AO 10

Associated organisation name and type:

Organisation in original language: Ympäristömerkintä Suomi Oy (26 / 250 characters)

Organisation in English: Ecolabelling Finland (20 / 250 characters)

Department in original language: NA (2 / 250 characters)

Department in English: NA (2 / 250 characters)

Legal status: b) Private

Type of associated organisation: Interest group — Trade union, foundation, charity, voluntary association, club, etc. other than NGOs

Associated organisation location and website:

Address: Urho Kekkosen katu 4-6 E (24 / 250 characters)

Country: Finland

Postal Code: 00100 (5 / 250 characters)

Town: HELSINKI (8 / 250 characters)

Website: https://joutsenmerkki.fi/briefly-in-english/ (45 / 100 characters)

Role of the associated organisation in this project:

Ecolabelling Finland manages both the Nordic Ecolabel Swan Label and the EU Ecolabel in Finland. The eco-label is a subsidiary of Motiva Oy. The work of eco-labeling in Finland is directed by the Environmental Labeling Board convened by the Ministry of Employment and the Economy and the Ministry of the Environment.

The Swan and the EU Ecolabel are official life-cycle based type 1 ecolabels that aim to reduce the environmental impact from production and consumption of goods and services.
The Ecolabelling Finland's role in the NHC3 project is to provide its strong experience in the non-hazardous products, as well as labelling-work and defining procurement criteria for the NHC3 Finnish expertise group. The group has two main purposes: firstly, Finnish expertise group will provide advice for project implementation and secondly, project keeps expertise group informed about the activities and results of the NHC3. Expert group has a meeting 2-3 times per year.

969 / 1,000 characters

2.3 Associated Organisation Details - AO 11

Associated organisation name and type:

Organisation in original language: Turvallisuus- ja kemikaalivirasto (Tukes)
41 / 250 characters

Organisation in English: Finnish Safety and Chemicals Agency (Tukes)
43 / 250 characters

Department in original language: Kemikaalit (Kemikaalituotteet)
30 / 250 characters

Department in English: Chemicals (Chemical products)
29 / 250 characters

Legal status: a) Public

Type of associated organisation: National public authority — Ministry, etc.

Associated organisation location and website:

Address: PL 66 (Opastinsilta 12 B)
25 / 250 characters

Country: Finland

Postal Code: 00521
5 / 250 characters

Town: HELSINKI
8 / 250 characters

Website: https://tukes.fi/en/frontpage
29 / 100 characters

Role of the associated organisation in this project:

The Finnish Safety and Chemicals Agency (Tukes) is a licensing and supervisory authority that promotes the safety and reliability of products, services and industrial activities. Tukes supervises products, services and production systems in their fields of operation and enforce the relevant legislation.

Tukes's role in the NHC3 project is to provide its strong experiences in hazardous chemicals and chemicals legislation (e.g., REACH, CLP and POPs Regulation) for the NHC3 Finnish expertise group that has two main purposes. Firstly, Finnish expertise group will provide advice for project implementation and secondly, project keeps expertise group informed about the activities and results of the NHC3. Expert group has meeting 2-3 times per year.
Additionally, TUKES will support Finnish partners in their pilot implementation (e.g. support for planning the screening activities and targeting the reduction and replacement actions of procurement in relevant materials and products).

989 / 1,000 characters

2.3 Associated Organisation Details - AO 12

Associated organisation name and type:

Organisation in original language: Suomen ympäristökeskus (SYKE) (29 / 250 characters)

Organisation in English: Finnish Environment Institute (29 / 250 characters)

Department in original language: Kestävän kulutuksen ja tuotannon keskus (40 / 250 characters)

Department in English: Centre for Sustainable Consumption and Production (49 / 250 characters)

Legal status: a) Public

Type of associated organisation: Sectoral agency

Local or regional development agency, environmental agency, energy agency, employment agency, etc.

Associated organisation location and website:

Address: Latokartanonkaari 11 (20 / 250 characters)

Country: Finland

Postal Code: 00790 (5 / 250 characters)

Town: HELSINKI (8 / 250 characters)

Website: https://www.syke.fi (19 / 100 characters)

Role of the associated organisation in this project:

SYKE is a multidisciplinary research institute and its task is to solve society's questions that have an impact on the environment. SYKE has 700 competent experts and researchers and they work in close co-operation with Finnish and international partners.

In addition, SYKE is also a partner in KEINO network (a network-based Competence center for Sustainable and Innovative public procurement in Finland) which e.g. provides a platform for Finnish public procurers to share experiences and develop sustainable public procurement.

SYKE's role in the NHC3 project is to provide its strong experiences in the areas of in hazardous substances, climate change and circularity. SYKE will be a part of the Finnish expertise group that has two main purposes. Firstly, Finnish expertise group will provide advice for project implementation and secondly, project keeps expertise group informed about the activities and results of the NHC3. Expert group has meeting 2-3 times per year.

979 / 1,000 characters

2.3 Associated Organisation Details - AO 13

Associated organisation name and type:

Organisation in original language: Keskkonnaministeerium (21 / 250 characters)

Organisation in English: Ministry of Environment (23 / 250 characters)

Department in original language: n/a (3 / 250 characters)

Department in English: n/a (3 / 250 characters)

Legal status: a) Public

Type of associated organisation: National public authority — Ministry, etc.

Associated organisation location and website:

Address: Paldiski mnt 96 (15 / 250 characters)

Country: Estonia

Postal Code: 13522 (5 / 250 characters)

Town: Tallinn (7 / 250 characters)

Website: www.envir.ee (12 / 100 characters)

Role of the associated organisation in this project:

The Ministry of Environment is responsible for implementing policy regarding green public procurement, water protection, circular economy but also aspects regarding chemicals management. In the project the MoE is supporting the project activities with its know-how when applicable and supports disseminate the findings/ results of the project.

344 / 1,000 characters

2.3 Associated Organisation Details - AO 14

Associated organisation name and type:

Organisation in original language	Vides aizsardzības un reģionālās attīstības ministrija (54 / 250 characters)
Organisation in English	Ministry of Environmental Protection and Regional Development (61 / 250 characters)
Department in original language	Koordinācijas departaments (26 / 250 characters)
Department in English	Co-ordination department (25 / 250 characters)
Legal status	a) Public
Type of associated organisation	National public authority — Ministry, etc.

Associated organisation location and website:

Address	Peldu street 25 (15 / 250 characters)	**Country**	Latvia
Postal Code	LV-1494 (7 / 250 characters)		
Town	Riga (5 / 250 characters)		
Website	https://www.varam.gov.lv (24 / 100 characters)		

Role of the associated organisation in this project:

The Ministry of Environmental Protection and Regional Development of the Republic of Latvia (MoEPRD) is responsible for implementing policy in three areas - environment protection, regional development as well as digital transformation. In the area of environmental protection the Ministry deals with the establishment of prerequisites and conditions for nature conservation, clean environment and ensures that natural resources are used effectively and in a sustainable manner. MoEPRD is responsible for green procurement policy development. In the project the MoEPRD with help to disseminate the findings/ results of the project e.g. to reach more municipalities and authorities in Latvia.

694 / 1,000 characters

2.3 Associated Organisation Details - AO 15

Associated organisation name and type:

Organisation in original language	Lavijas Ilgtspējīgas būvniecības padome (39 / 250 characters)
Organisation in English	Latvian Sustainable Building Council (36 / 250 characters)
Department in original language	Valde (6 / 250 characters)
Department in English	Board (6 / 250 characters)
Legal status	b) Private
Type of associated organisation	Business support organisation — Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc.

Associated organisation location and website:

Address	K.Ulmaņa gatve 119 (18 / 250 characters)	**Country**	Latvia
Postal Code	LV-2167 (7 / 250 characters)		
Town	Mārupe (6 / 250 characters)		
Website	www.ibp.lv (10 / 100 characters)		

Role of the associated organisation in this project:

Latvian Sustainable Building Council (LSBC), NGO, association, was founded as a private sector initiative to increase the sustainability of the built environment in Latvia. In 2012 LSBC joined the World Green Building Council (WGBC) – a network of more than 90 local organizations with similar main aims across 5 continents of our globe. LSBC activities are focused on the following three major interests: information and education activities with an aim to increase general understanding as well as professional knowledge, policy development activities with an aim to support local policymakers in developing sustainable policies for the Latvian building sector (for example, this year their developed proposal for new GPP criteria in building sector), practical support to sustainable project development. In this project, LSBC will help with information dissemination among their members to reach more building companies, as well as use the findings of the project for their activities.

991 / 1,000 characters

2.3 Associated Organisation Details - AO 16

Associated organisation name and type:

Organisation in original language
Vilniaus vystymo kompanija, UAB
31 / 250 characters

Organisation in English
Vilnius Development Company
27 / 250 characters

Department in original language
N/A
3 / 250 characters

Department in English
N/A
3 / 250 characters

Legal status
b) Private

Type of associated organisation
Infrastructure and public service provi
Public transport, utility company (water supply, electricity supply, sewage, gas, waste collection, airport, port, railway, etc.)

Associated organisation location and website:

Address
Algirdo str. 19-301
19 / 250 characters

Country
Lithuania

Postal Code
LT-03219
9 / 250 characters

Town
Vilnius
7 / 250 characters

Website
https://www.vilniausvystymas.lt/
32 / 100 characters

Role of the associated organisation in this project:

VILNIUS DEVELOPMENT COMPANY – public infrastructure and real estate experts. Vilnius Development Company provides management services for public education, pre-school education, social services, sports, culture, tourism, health care and construction of public spaces owned by Vilnius municipality. In the near future the company plans to develop more sustainable construction projects and considers to take into account hazardous chemical, climate footprint, circularity aspects but also economic aspects of regular vs sustainable building materials. The company's participation as an associated partner will yield a mutual experience exchange with the consortium regarding challenges, dilemmas and solutions for the more sustainable construction. Our mission - together to create a city where it is good to live.

816 / 1,000 characters

3. Relevance

3.1 Context and challenge

Construction materials contain a vast variety of substances. A lot of them will be emitted, causing human and environmental exposure. Mistakes from the past (PCB, Asbestos) need to be avoided in future!
NHC3 distinguishes four pathways of HS
Construction materials outdoor (facades, roofs, roads, installations etc.) entering municipal storm water system directly
Construction materials indoor entering the sewage system (via waste water, floor swapping)
Construction material impacting Indoor Air (exposure of humans)
Construction sites and emissions from them (groundwater, partly stormwater)

Substances of concern of NHC3:
Plasticizers (including phthalates), biocides (a broad spectrum of preservatives), chlorinated paraffins, brominated flame retardants, organophosphates, PFAS, metals, surface treatment chemicals, oils, PAH, two-component plastics.

Key challenges:
1. Lack of proper assessment
Materials that are emitting specific HS must be tracked better; especially flame retardants must be checked (issue of emission during the use of a house, for recycling or human exposure).
2. No circularity without HS management
Old buildings (demolishing): how to increase usage of old building material and at the same time avoid circulation of contaminated material?
New buildings: material should be toxfree and prepared for circularity - BUT traceable information is lacking (particularly on solid articles) and supply chain communication too weak
3. Lack of monitoring
Renovation/extension of old buildings make half of building turnover in many cities, a lot of material is used and not well monitored (big problem in public housing).
Requirements for builders´ monitoring during construction need to address HS better
4. Lack of explicitness of HS issues in building standards (e.g. BREEAM) or procurement criteria
5. Lack of knowledge on HS in construction materials among all actors, especially Eastern BSR
6. Lack of info on alternative materials & cost vs. environmental impacts

1,994 / 2,000 characters

3.2 Transnational value of the project

In NHC3 partners from all countries bordering the Baltic Sea are participating due to the importance, urgency and complexity of the defined challenges.
The main goal of the project, developing solutions for making construction material and sites climate-neutral, circular AND toxfree is a demanding task, highlighted in many policy goals and strategies, but we are not yet far enough in implementation. Joint efforts of many experts from authorities, business, researchers, educators and communicators are needed to elaborate the solutions. The problem is complex and, therefore, labor division among experts and institutions from the 8 participating countries will help to manage more than a single one can do. We have planned on purpose a huge consortium and big budget to tackle the complex challenges and to be able to address our three target groups: municipalities, businesses and inhabitants.
The NonHazCity consortium has long-years experience of cooperation; it will make the motor of cooperation run smoothly and will lead to big impacts due to volume of the activities and good cooperation.
The consortium expanded for new partner countries (DK), new municipalities, stakeholders from the construction business (Green Building Association, architect offices) and a national environmental authority (DE) to better transfer our findings from local to national level. The list of AOs is long and highlights the importance of the issue. We do have important networks (UBC, CCB) of the region and we add charismatic promotional activities (NHC award by World Future Council, activities within Tallinn - Green Capital of Europe).
On the issue of HS in (construction) materials traditionally Nordic countries are frontrunners in BSR (and EU) having high awareness on HS emissions/exposure. They will be shining examples for E-BSR countries as well as Germany where climate-neutrality of buildings has been higher on the agenda, circularity and toxicity of materials need to catch up.

1,988 / 2,000 characters

3.3 Target groups

Target group	Sector and geographical coverage	Its role and needs	

Target group	Sector and geographical coverage	Its role and needs
Local public authority	Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project). 493 / 500 characters	Many municipalities have set ambitious targets for reducing hazardous substances (HS), safeguarding the Baltic Sea, and ensuring change from linear to circular economy. They need to know which materials and HS they need to avoid and be able to do smart and healthy decisions. Local authorities are getting a very high responsibility by these ambitions connected to implementation of GPP in construction. Municipalities need solutions for the green public procurement via guidance, training modules and practical advices how to design and build a non-toxic and climate neutral buildings which do not emit HS to the water bodies. All municipalities from the BSR receive the project outputs and deliverables. National authorities will transfer our findings from local to national level (to legislation and policy level). 821 / 1,000 characters
Infrastructure and public service provid	Municipal construction companies, public housing companies and water companies in charge of construction, house management, hazardous waste management and water monitoring. Target group is any municipal construction or public housing company, water company of the BSR. 268 / 500 characters	Municipal entities (water companies, construction companies, housing associations) have the role in tox-free house renovations, house building and refurbishment of living houses; they support municipalities in implementing the green construction criteria and contribute the info campaigns on building materials for awareness of citizens. They need knowledge and information about the hazardous substances in construction materials and they benefit from project hazardous substances screening results. 501 / 1,000 characters
Business support organisation	Consultants, Green Building or Sustainable Building councils or associations, trade organizations, construction engineering faculties of universities and professional education entities from SE, FI, EE, LV, LT, PL, DE, DK - the location of the entity does not play any role - they offer their services to the construction sector actors in the project locations and beyond. Representatives of this target group are PPs, AOs from 428 / 500 characters	Consultants, Green Building or Sustainable Building Associations, Building Products Assessment Services, technical universities play an important role in achieving sustainability goals in construction. They will assist municipalities and business in certain tasks – assessing building material impacts, procurement criteria & guidelines. Environmental consultants help in water issues, Green Building Associations are the construction business advisors and support in implementing the building standards. Building Products Assessment Services can help with providing their database. All business support organizations will be the target group for our capacity building activities. 680 / 1,000 characters
Small and medium enterprise	Design, architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials. The location of the enterprise does not play any role, they would be acting in the projects pilot municipalities and target countries. Representatives of this target group in the project come from Germany. Latvia, Sweden and Finland. 387 / 500 characters	A group of organizations in the construction business, especially those targeting green construction together with architects and construction service companies (building standards, product assessments) support municipalities in implementing the design of chemical-smart and climate neutral buildings. They will be target group of our capacity building activities as they need knowledge about HS and chemical-smart buildings. 425 / 1,000 characters
Interest group	Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR. 447 / 500 characters	NGOs representing inhabitants and environmental interests in the BSR. In this project they are multipliers of information to the society and bring outputs and findings from NHC3 to international level. Environmental and chemical experts from non-profit organizations also assist local municipalities in implementation of chemical-smart procurement criteria in practical building. General public, especially residents of cities need to be more aware about safe materials and construction processes, they need guidance for that. 527 / 1,000 characters

3.4 Project objective

Your project objective should contribute to:

Sustainable waters

The overarching goal of NHC3 is to reduce emissions of hazardous substances from construction materials, buildings & construction sites and protect the (aquatic) environment and human health. NHC3 wants to make construction materials & building management climate-neutral, circular AND TOXFREE. We will develop a system of solutions at three levels: strategic solutions for management procedures of construction and buildings (recommendations, policy instruments, standards); practical/technical solutions for construction (technical guidance, fact sheet); communication & education solutions (knowledge campaigns, training material).

Specific objectives:
- Map the chemicals of concern in construction materials/sites and develop the NHC Catalogue of Construction Materials including use/avoidance advice, info on alternatives and criteria for impacts;
- Improve/revise the Swedish BVB (construction product assessment) system and make it applicable for partners in other countries as tool for transparency and traceability of HS helping control of HS along the value chain of the construction sector
- Assess building certification systems and make proposals for better integration of HS aspects
- Develop and promote chemical-smart procurement as effective tool for managing HS at early stage of construction projects
- Elaborate training modules for municipal and business stakeholders on HS in construction materials, building processes and use of policy instruments; attach it to the existing NonHazCity training portal hosted by PP1 RCC and carry out a series of training courses
- Accompanying live construction in NHC partner towns: design, procurement & construction of toxfree, circular and climate-neutral municipal buildings, private houses and DIY renovations of different stakeholders
- Carry out a comprehensive info campaign for all target groups
- Bring outputs and findings from NHC3 local to national & international level
- Launch NHC3 award and transfer solutions widely

1,993 / 2,000 characters

3.5 Project's contribution to the EU Strategy for the Baltic Sea Region

Please indicate whether your project contributes to the implementation of the Action Plan of the EU Strategy for the Baltic Sea Region (EUSBSR).

(•) Yes ( ) No

Please select which Policy Area of the EUSBSR your project contributes to most.

PA Hazards

Please list the action of this Policy Area that your project contributes to and explain how.

PA Hazards actions concentrate on reducing the use and preventing emissions of hazardous substances (HS). Policy area supports the development of suitable measures, practical solutions and policy recommendations for reduction of HS, from both diffuse and point sources.
Our project is strongly related to these actions because we are aiming at reducing HS in construction materials and emitting from it, getting into run-off and surface waters and end in the Baltic Sea. We track and control chemicals along the value chains of the construction sector. We want to make construction materials & building management HS-free, reduce exposure & emissions, and address the issue of energy-saving versus tox-free versus circularity. We map the chemicals of concern in construction materials, develop recommendations with available on the market safer alternatives, make substance flow analysis from construction sites and source-tracking of HS. Results integrated into chemical-smart procurement criteria and into guidance for building & design services intended for local authorities. Developed and tested in practice measures and solutions prevent the emissions of HS into aquatic environment. Our policy recommendations for strategical management of buildings and practical solutions for design and construction will be transferred from local to national level and contribute to the goals of PA Hazards.

1,404 / 1,500 characters

If applicable, please describe which other Policy Areas of the EUSBSR your project contributes to and how.

PA Health wants to increase the prosperity in the region. Health is interconnected with many different policy areas and sectors, including building sector. Our project wants to contribute to the healthy living conditions of the people in the area and to protect their health. In particular, we want to improve the indoor air quality of buildings by recommending construction materials that do not emit substances of concern into the indoor environment. Completed in project procurement criteria for the design of a non-toxic, circular and climate-neutral buildings can be used in practice by City governments (local authorities, construction and housing departments are in charge of construction). It leads to reduced exposure of inhabitants to HS, especially children in chemical-smart kindergartens. It results reduced amounts of HS in water bodies and in the environment in general, which guarantees the better and healthier environment. The Check(ED) app developed within NHC2 will be extended on a health-related feature on construction materials.

PA Bio-economy refers to increased sustainability, productivity and adaption to climate change. Our project brings in the circularity and pollution by HS, we address the issues of energy-saving versus tox-free versus circularity. All these aspects are covered by recommendations for selection of construction materials being recyclable and suitable for non-toxic and energy efficient buildings.

1,449 / 1,500 characters

3.6 Other political and strategic background of the project

Strategic documents
The core regional and EU strategic/legal frameworks which aim at reduction of HS in water environment and whose goals the project will help to achieve are: HELCOM Baltic Sea Action Plan (BSAP), EU Water framework directive, EU Marine strategy framework directive. The project addresses significant emission sources of HS and working on management measures that can reduce their amount and impact on environment and human health. 429 / 500 characters
Policy initiatives/international strategic frameworks what address the most harmful chemicals, contribute to zero pollution ambition and enhancing circularity: EU Chemicals Strategy for sustainability towards a toxic-free environment, Strategic Approach to International Chemicals Management, The European Green Deal, EU Circular Economy Action Plan. Focusing on HS in the building sector provides significant opportunities to increase the sector's sustainability and circularity approach. 489 / 500 characters
EU legal acts: REACH regulation, Construction Products Regulation. Construction works must not have a high impact on human health or environment as a result of release of HS; they must be designed in a way that they not have high impact, over their entire life cycle, on the environmental quality. NHC3 will contribute to exactly these goals: testing procurement processes, green building criteria; developing solutions for management of materials, buildings and building sites. 478 / 500 characters

3.7 Seed money support

Please indicate whether your project is based on a seed money project implemented in the Interreg Baltic Sea Region Programme 2014-2020.

○ Yes ◉ No

3.8 Other projects: use of results and planned cooperation

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
NonHazCity 1 (NHC1; 2016-2019) & NonHazCity 2 (NHC2; 2019 – 2021) 65 / 200 characters	INTERREG BSR 12 / 200 characters	The relevance of NHC3 project idea was identified based on results of NHC1 & NHC2. In these projects 10 partners from NHC3 worked on strategies and measures to reduce emissions of HS from small-scale sources in urban areas. We addressed HS as compounds in all kinds of articles, including construction materials. We gained the clear indication that HS are occurring in the aquatic environment and about their potential sources. We elaborated the management tools for municipalities to reduce HS loading: chemicals action plans, guidance for chemical smart procurement. Results from NHC1 & NHC2 projects defined the priorities for actions, we found that one of the biggest polluters are building materials and construction sector and therefore this needs further consideration. In NHC3 we will track and control chemicals along the value chains of the construction sector, develop chemical-smart procurement criteria and guidance for building & design services intended for local authorities. 992 / 1,000 characters

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
DRIZZLE - Centre for Stormwater Management 42 / 200 characters	The funding is around 12 million Euro for five years. Vinnova accounts for around 4 million Euro, the participating municipalities (e.g PP2), companies and Luleå University of Technology for the rest. 200 / 200 characters	DRIZZLE's vision is to develop pioneering, research-based stormwater management solutions, to minimize pollution loads on receiving waters; to minimize the risk for flooding in urban areas; and to capture the opportunities that stormwater runoff can offer. NHC3 will result in strategic as well as operational actions that will minimize pollution from building- and construction material and their processes. Information and evaluation of chemical content in building and construction will contribute to the development of procurement criteria, management and follow-up. Results from DRIZZLE is essential to gain knowledge about pollutants leaking from building and construction material to stormwater. By focusing on material and processes that are most relevant for leakage of pollutants, efficient measures are plausible. PP2 is a partner and co-financer of the DRIZZLE competence centre and NHC3 will share results between and among project partners. 955 / 1,000 characters
Työkaluja työmaavesien laadunhallintaan (Tools for construction site stormwater management) 91 / 200 characters	Finnish Ministry of Environment 31 / 200 characters	TUAS and the City of Helsinki are implementing a project that will by October 2022 produce: construction site stormwater operation model for municipalities that helps cities to integrate construction stormwater management into construction design and tendering project. NHC3's objective is e.g. to prevent the use of construction materials that emit hazardous substances. However, in cases when choosing TOX-FREE materials is not cost efficient or there are no substitutes on the markets, we need to have management plan for construction stormwater that ensures that hazardous substances are not leaked to the urban streams, lakes and coastal waters. Results of Tools for construction site stormwater management -project will add to the results of HNC3 by providing secondary management plan when prevention solutions piloted in NHC3 are not sufficient. TUAS and the City of Helsinki will be the link between NHC3 and the Tools -project. 937 / 1,000 characters
Climate Adaptation and Mitigation Synergies in Energy Efficiency Projects (CAMS Platform) 89 / 200 characters	INTERREG BSR 12 / 200 characters	The project was implemented in Sweden, Estonia, Latvia, Poland and Germany. NHC3 project will benefit from a qualification program for refurbishment of multi-story buildings including advices for selection of building materials in housing and services sectors, and guidelines for achieving climate adaptation and mitigation synergies within energy efficiency refurbishment of buildings in the Baltic Sea Region. NHC3 will build on the CAMS chapters with its focus on hazardous substances and circularity, but get valuable information from the CAMS texts and involved partners (BEF DE, BEF EE, Auraplan expert) 609 / 1,000 characters

3.10 Horizontal principles

Horizontal principles	Projects's direct impact
Sustainable development	positive
Non-discrimination including accessibility	positive
Equality between men and women	positive

4. Management

Allocated budget 10%

4.1 Project management

☑ **Please confirm that the lead partner and all project partners will comply with the rules for the project management as described in the Programme Manual.**

If relevant, please indicate any other important aspects of the project management, e.g. external entity supporting the lead partner in the management of the project, advisory board, steering committee, any other relevant working groups, etc.

The project management will be implemented by Lead partner RCC, overall management & synergies between WPs will be supported by BEF DE. All Partners will be supervising the implementation progress by delegating their coordinators to the general assembly (GA) that will meet half yearly (f2f at least once per year). GoA leaders, PM and WP leads will form a core group that is preparing GA meetings and potential implementation decisions. They will meet ca. monthly virtually to interlink activities.

499 / 500 characters

4.2 Project financial management

☑ **Please confirm that the lead partner and all project partners will comply with the rules for the financial management and control as described in the Programme Manual.**

If relevant, please indicate any other important aspects of the financial management, e.g. external entity supporting the lead partner, positions planned for financial management, involvement of special financial experts (e.g. for public procurement), etc.

PP1 has an internal financial management department and procedures as public body, which will be followed in the project, an in-house financial manager will be appointed or contracted (tbc). BEF DE will support the financial management at consortium level and help individual partners in case of questions on financial reporting. All partners will do their financial management in-house, they will follow their national and institutional procurement procedures for the relevant cost items.

489 / 500 characters

4.3 Input to Programme communication

☑ **Please confirm that you are aware of the obligatory inputs to Programme communication that must be submitted along the pre-defined progress reports, as described in the Programme Manual.**

If relevant, please describe other important aspects of project communication that you plan to introduce, e.g. a communication plan, opening and closing events, social media channel(s) etc.

NHC3 will hold a kick-off (Riga), a final conference (Riga) and 3 international seminars. One event will be hosted by Tallinn (Green Capital Europe 2023). We will map multipliers and networks acting in the thematic field and liaise with them to get project results communicated to a wider audience. We will continue to use the NonHazCity website, partners will use their own websites and SoMe channels. We will participate in events organized by third parties to promote our achievements & outputs.

498 / 500 characters

4.4 Cooperation criteria

Please select the cooperation criteria that apply to your project. In your project you need to apply at least three cooperation criteria. Joint development and joint implementation are the obligatory ones you need to fulfill in your project.

Cooperation criteria	
Joint Development	☑
Joint Implementation	☑
Joint Staffing	☑
Joint Financing	☐

5. Work Plan

Number	Work Package Name
1	Preparing solutions

Number	Group of Activity Name
1.1	Assessment of building materials vis-a-vis hazardous substances
1.2	Strategic solutions for managing procedures for construction materials and sites at municipal entity
1.3	Technical and practical solutions: developing assessment tools, guidelines and fact sheets
1.4	Capacity building concept
1.5	Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities

Number	Work Package Name
2	Piloting and evaluating solutions

Number	Group of Activity Name
2.1	Screening and monitoring of hazardous substance occurrence in building materials and sites
2.2	Pilots for strategic management processes: procurement, building standards and HS restriction policy
2.3	Accompanying design & construction of toxfree, circular & climate-neutral municipal buildings
2.4	Accompanying private house design & construction and DIY renovations by inhabitants
2.5	Synthesis and evaluation of pilots

Number	Work Package Name
3	Transferring solutions

Number	Group of Activity Name
3.1	Capacity building at municipalities
3.2	Transfer of solutions by international networking
3.3	Awareness raising campaign for inhabitants of any city in the Baltic Sea Region
3.4	The NonHazCity Building Award
3.5	Transfer of NHC3 findings from local to national and EU level

Work plan overview

Period:	1	2	3	4	5	6	Leader
WP.1: Preparing solutions							**PP15**
A.1.1: Assessment of building materials vis-a-vis hazardous substances							PP2
D.1.1: Catalogue of building materials for load-bearing, insulation, finishing and engineering systems		D					
A.1.2: Strategic solutions for managing procedures for construction materials and sites at municipal entity							PP15
O.1.2: Strategic solutions for managing procedures for construction materials and sites at municipal entity			O		O		
A.1.3: Technical and practical solutions: developing assessment tools, guidelines and fact sheets							PP15
O.1.3: The NonHazCity set of practical guides for sustainable construction and construction materials			O		O		
A.1.4: Capacity building concept							PP18
D.1.4: Training course (modules) on toxfree, circular AND climate-neutral construction and buildings			D				
A.1.5: Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities							PP9
D.1.5: Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities		D			D		
WP.2: Piloting and evaluating solutions							**PP14**
A.2.1: Screening and monitoring of hazardous substance occurrence in building materials and sites							PP2
D.2.1: Occurrence of substances of concern in Baltic Sea Region buildings, construction materials and sites			D				
A.2.2: Pilots for strategic management processes: procurement, building standards and HS restriction policy							PP10
D.2.2: Report from strategic pilots: testing procurement, building standards and HS restriction policy					D		
A.2.3: Accompanying design & construction of toxfree, circular & climate-neutral municipal buildings							PP14
D.2.3: Report on pilots on design & construction of toxfree, circular & climate-neutral municipal buildings					D		
A.2.4: Accompanying private house design & construction and DIY renovations by inhabitants							PP17
D.2.4: Report from the pilots on private house design & construction and DIY renovations by inhabitants					D		
A.2.5: Synthesis and evaluation of pilots							PP9
O.2.5: Best practices of NonHazCity pilots on toxfree, circular and climate-neutral buildings in BSR cities				O	O		
WP.3: Transferring solutions							**PP13**
A.3.1: Capacity building at municipalities							PP18
O.3.1: Built capacities at municipalities and a tested training programme						O	
A.3.2: Transfer of solutions by international networking							PP13
D.3.2: Summary of international workshops´ documentation: discussion papers and reports						D	
A.3.3: Awareness raising campaign for inhabitants of any city in the Baltic Sea Region							PP19
O.3.3: General public in the Baltic Sea region raised awareness about issue of chemical safety&buildings				O	O	O	
A.3.4: The NonHazCity Building Award							PP18
O.3.4: The NonHazCity Building Award: The best building solutions protecting from hazardous substances		O				O	
A.3.5: Transfer of NHC3 findings from local to national and EU level							PP21
O.3.5: Policy recommendations for toxfree construction - from local best practice to national policy making						O	

Outputs and deliverables overview

Code	Title	Description	Contribution to the output	Output/ deliverable contains an investment
D 1.1	Catalogue of building materials for load-bearing, insulation, finishing and engineering systems	The catalogue will provide information on non-toxic, climate neutral, circular building materials for load-bearing, insulation, finishing and engineering systems available on the EU market and used for construction/renovation of public/private buildings in the Baltic Sea Region. It will allow to analyze common/frequently used building materials at municipalities and information on certain hazardous substances of concern. The information gathered from various sources - BVB, BASTA, Nordic Swan, EU Flower, Blue Angel as well as from partner municipalities will allow to develop lists of approved building materials, identify hazardous substances that are most relevant for various building materials and gain information about supplier chain and suppliers in the Baltic Sea Region. The catalogue will be developed in an easy to modify and navigate format (Excel, tbc) and can serve both public authorities as well as business stakeholders as information source. It will be the basis for information materials developed in the course of the project for different professional stakeholders as as for the general public.	O1.2 - strategic solutions, 1.3 - set of information materials and 1.4 - Training programme	

O 1.2	Strategic solutions for managing procedures for construction materials and sites at municipal entity	The output will provide recommendation for the above defined strategic solutions and make them available to unfold the efficiency of managing procedures for construction materials and sites at municipalities. It will consist of four solutions: • The NonHazCity 3-pillar approach to GPP including criteria for hazardous substances (respectively their avoidance) in product groups and services related to construction in the public procurement rules of project (and other) municipalities • Guidelines for proper supply chain communication (specific for construction related issues) by advancing information requests to potential suppliers, manufacturers or service providers • Based on the example of the Lithuanian sustainable building standard - LPTBS - a proposal for a chapter on hazardous substances & circularity into such standard • A market dialogue strategy for communication with the construction stakeholders (template questionnaires for the market dialogue and information requests) Furthermore, the output includes (as 5th respectively 1st solution) enabling framework conditions for uptake and management landscape: • The commitment from the city to take up the sustainability and environmental commitments and targets, application of the policy instruments and reflection on current building processes • Political, and managerial support, because municipal officers need the signal from the top management, from the political side and their superiors on support for application of tools (e.g., public procurement) • Organizational aspects of work, e.g., assignment of responsible person(s) and sufficient time allocation, financial security for implementation of activities. • Collaboration for implementation of different departments of the city administration to represent various sectors in communication and cooperation to strengthen and link the policymaking, and the practitioners • Boosting knowledge on chemicals, by availability of materials and supporting tools for capacity building and by participation in educational activities of municipality practitioners. O1.2 will be compiled in a pdf document (in English) and made available in the electronic format for download. The draft output will be available for being tested in the pilots in period 3 and undergo in period 5 for revisions after feedbacks and be made-up for transfer in period 5 and 6 in WP3. O1.2 will input to policy discussion in 3.5 and shall be discussed at its international policy workshop in period 5. The strategic solutions will be disseminated to municipalities in the Baltic Sea Region (e.g. members of the Union of Baltic Cities), they could be used for checking and advancing their GPP practices and adjusting them so that the end-result is a toxfree, circular and climate-neutral building.		
O 1.3	The NonHazCity set of practical guides for sustainable construction and construction materials	O1.3 presents five practical guides/solutions and wants to support municipalities, construction stakeholders and residents to design, order, build, renovate and live in climate-neutral, circular and toxfree houses. The guides are the following: • A step-by-step guide for the process management of toxfree, circular & climate-neutral construction at municipalities addressing the design, procurement, construction as such and construction site management • A data base system for construction product assessment based on the existing Swedish BVB system • A series of NonHazCity fact sheets for professionals from construction business: substances of concern, construction materials, impacts, site management • A new DIY guide from the NonHazCity series, called "Toxfree, circular and climate-friendly renovation of my home". • The extension of the existing consumer app "Check(ED)" from the former NonHazCity2 project with new features on construction, indoor air and health related issues The step-by-step guide for the process management is designed as an overall template in English - local specifications will be elaborated for the partner municipalities individually (electronic documents for download) The BVB data base provides clear criteria regarding chemical contents. It is an easy-to-use online system to search for environmentally evaluated products. The assessment is based on the complete contents of a commodity or a chemical product on delivery stated as wt% of the entire commodity and the content must be reported. It has the possibility to create a project-specific logbook of building material, essential for non-toxic circular economy. It will be made available in English for non-Swedish users. The NonHazCity fact sheets for construction professionals are meant for advancing the knowledge of architects, construction engineers/companies and monitoring institutions on chemicals issues and set them into relation to circularity of materials and energy efficiency of buildings. The will be elaborated as English template and translated/adapted to the local languages of the project (electronic documents, printing tbc). The DIY guide for inhabitants of flats and houses is planned to be a booklet of ca. 40 pages, A4, printed (national versions, tbc, EN as online version). Check(ED) is an application for analysis of selected endocrine disruptors (bisphenols, phthalates, brominated flame retardants, alkylphenols) at homes. It will get a new option for monitoring harmful substances and exposure from renovation. New sources (data base of sources and products) and new substances (also CMR) will be added. It will give recommendations to the user for decrease of exposure. It has been developed within NHC2 and shall be used and promoted (in particular by PP19 CCB) allover the BSR. O1.3 will be developed in labor division - transnational cooperation will help creating such ambitious amounts of outputs and guarantee wide outreach for dissemination to different actors.		

D 1.4	Training course (modules) on toxfree, circular AND climate-neutral construction and buildings	D1.4 will consist of several newly developed modules for the NonHazCity Training programme on hazardous substance related issues for municipalities. It will be assembled as a set of materials, e.g., presentation files, background information documents, visuals specific to the training modules and usable in face-to-face or distant learning arrangements. The master copy is prepared in English language, and adaptation in national languages will be available for FI, EE, LV, LT, DE, PL languages. (Danish and Swedish, tbc). The initial English versions will only cover the core parts of the materials in order not to spend too much working time on these templates. Partners will add content relevant for them when developing the versions in the respective national languages. The modules will be about sustainable construction materials and construction process management highlighting the three pillars of our project´s focus: toxicity, circularity and climate-neutrality. They will be available in different formats (text, video, audio, interactive elements), applicable as a DIY version and as part of workshops or existing qualification programmes. The level of difficulty will be adapted to similar training courses for employees of public authorities - they are supposed to have background knowledge and skills on issues such as construction materials, building processes, environmental issues, public procurement or communication with stakeholders. Partly they will be advanced in energy-efficiency issues of construction and buildings. But they will lack knowledge and experience integrating the circularity and the toxicity aspects into it.	O3.1: Built capacities at municipalities, and a tested training programme	
D 1.5	Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities	The Deliverable will be a guidance for the partners implementing the different pilots and solutions. It will help the partners to document success factors for pilot implementation as well as challenges encountered. The guidance will give concrete, actionable assistance like check lists and case study templates. The guide will be targeted both to the project consortium and to external actors who may wish to leverage our findings when they implement their own pilots and solutions after having been learned about them in WP3. The introductory chapter of this guidance will reflect on strategic considerations behind the selection of pilots linking them to the substances of concern (addressed by a screening activity) and potential impacts on downstream receiving waters. The guidance will highlight the evaluation approach for enabling framework conditions supporting implementation path of the pilot actions. The guidance will reflect on indicator selection and provide description and range of applicability for their use in groups of pilots. Suggestions for evaluation of pilot actions (GoA2.2., 2.3., 2.4) in course of their implementation will be provided by easily assessible groups of parameters. Specifically, these will refer to evaluation of chemicals requirements in purchases (i.e., criteria, product selection system, chemical requirements imposed on service providers, inspection and review of requirements in purchases) and phasing out of substances of concern in construction (i.e., identification of chemicals, assessment of alternatives, replacement or reduction plans, practical, measured replacement or reduction). The strategy for evaluation of pilots and solutions will be used in WP2, GoA 2.5 and the feedback will serve to upgrade the solutions documents (period 5).	The deliverable D1.5 will contribute to the success of the output O2.5	
D 2.1	Occurrence of substances of concern in Baltic Sea Region buildings, construction materials and sites	There is an information gap about what substances of concern actually leach from building and construction materials and subsequently contaminate stormwater and surface waters. This assessment report will give information about what the substances are released and end up in receiving waters. It will give information about the occurrence and concentration range of these selected hazardous substances in construction materials, municipal wastewaters, and also about possible emission sources. Information will be gathered from: stormwater from construction sites, municipal wastewater, air and dust samples from preschools and construction products available on the market. The deliverable will contain methodological chapters (selection of sampling points, sample collection and delivery to analytical laboratories, descriptions of hazardous substances analysis), results of substance flow analysis (SFA) from construction sites, substance screening and source mapping of substances in buildings, construction materials and construction sites (from public and residential buildings). SFA shows the contaminant path from a building material to the sea. This will allow relevant stakeholders (municipalities, public authorities) to evaluate screening results and develop criteria for procurement and monitoring, including demand for substitution of hazardous chemicals in construction materials. It will also provide guidance for which building and constructions material should be avoided or recommended for a toxfree environment. Based on screening results, the deliverable will include guidelines derived for the management of construction sites (information source for O3.5 Guidance for non-toxic construction). The report will be the Annex to O1.2 strategic solutions which will reflect solutions for managing procedures for construction materials and sites at municipal entity, and also be an important information source for final recommendations (GoA 3.5).	Annex to O1.2 strategic solutions, O3.5 Guidance for non-toxic construction	

D 2.2	Report from strategic pilots: testing procurement, building standards and HS restriction policy	D2.2 will contain the full documentation of pilots undertaken in GoA 2.2. The involved partners will insert their activities into an agreed and harmonized reporting template that enables quantitative and qualitative assessment in GoA 2.5. D2.2 will consist of the activity descriptions of the pilots, description of tested strategic management processes and methods, compilation of quantified results (if any) and documented cases (case profile). It will contain the compilation of answers on the feedback reply forms from interviews among the municipal employees. The best practice cases (selected by the consortium at partner meeting) will be documented in a special chapter and/or "case boxes" that invites WP3, GoA3.2 for a later publication and transfer of best practices and solutions addressing the strategic management processes at municipalities. The concrete format of the deliverable (of all three deliverables D2.2 - D2.4) will be discussed among the GoA leaders at project start within GoA1.5 (session at kick-off meeting and further virtual working meeting), when the ping-pong between solutions and pilots will be played through to determine the exact reporting and data needs as inputs to the solution outputs of WP1 as well as the evaluation template for assessment of the pilots of GoA 2.5. We anticipate that it is rather a set of spread sheets and a compilation of different facts & figures than a contiguous narrative text. The elaboration of D2.2 will be led by PP10, the partner municipalities will contribute with their case description and will be supported by the expert partners PP9-17.	input to O1.2 - strategic management solutions, O2.5 - evaluation of pilots	
D 2.3	Report on pilots on design & construction of toxfree, circular & climate-neutral municipal buildings	D2.3 will contain full documentation of all pilots undertaken in GoA2.3. The involved partners will document their activities into an agreed and harmonized reporting template that enables quantitative and qualitative assessment in GoA 2.5. D2.3 will consist of the activity descriptions of the pilots, description of tested construction pilots, compilation of quantified results (if any) and documented cases (case profile). It will contain a reflection on used tools (guides, factsheets, catalogue, BVB database) focusing on hazardous substances, possible water pollution & health impacts; a report on methodology, actions performed, solutions used, results achieved, economic aspects, social benefits, barriers identified, do's and don'ts in construction; an input for revision of technical & practical solutions and the set of information materials elaborated in GoA 1.3 to complete the practical solutions and make them ready for further transfer. Potential best practice cases (selected by the consortium at partner meeting) will be documented in a special chapter and/or "case boxes" that invites WP3, GoA3.2 for a later publication or get selected for the NonHazCity Building Award in GoA 3.4. The concrete format of the deliverable (of all three deliverables D2.2 - D2.4) will be discussed among the GoA leaders at project start within GoA1.5 (kick-off meeting, further virtual working meeting), when the ping-pong between solutions and pilots will be played through to determine the exact reporting and data needs as inputs to the solution outputs of WP1 as well as the evaluation template for assessment of the pilots of GoA 2.5. We anticipate that it is rather a set of spread sheets and a compilation of different facts & figures than a contiguous narrative text. The elaboration of D2.4 will be led by PP14, the partner municipalities will contribute with their case description and will be supported by the expert partners PP9 - 17 and 22.	O1.3 - set of practical guides and O2.5 - evaluation of pilots	
D 2.4	Report from the pilots on private house design & construction and DIY renovations by inhabitants	D2.4 will contain a full documentation of pilots undertaken in GoA2.4. The involved partners will insert their activities into an agreed and harmonized reporting template that enables quantitative and qualitative assessment in GoA 2.5. D2.4 will contain a reflection on used tools (DIY guide, factsheets, catalogue, BASTA database) focusing on hazardous substances, possible water pollution & health impacts; a report on methodology, actions performed, solutions used, results achieved, economic aspects, barriers identified; and give input for revision of the set of information materials elaborated in GoA 1.3. D2.4 will produce valuable information and documentation as well as FAQs for the awareness raising campaign in GoA 3.3. It will contribute with stories and illustrations from the cases to the campaign. Potential best practice cases (selected by the consortium at partner meeting) will be documented in a special chapter and/or "case boxes" that invites WP3, GoA3.2 for a later publication and transfer of best practices and solutions addressing concrete construction issues or get selected for the NonHazCity Building Award in GoA 3.4. The concrete format of the deliverable will be discussed among the GoA leaders at project start within GoA1.5 (kick-off meeting, further virtual working meeting), when the ping-pong between solutions and pilots will be played through to determine the exact reporting and data needs as inputs to the solution outputs of WP1 as well as the evaluation template for assessment of the pilots of GoA 2.5. We anticipate that it is rather a set of spread sheets and a compilation of different facts & figures than a contiguous narrative text. The elaboration of D2.4 will be led by PP17 with contributions from PP13,16, 20.	O1.3 - set of practical guides and O2.5 - evaluation of pilots	

O 2.5	Best practices of NonHazCity pilots on toxfree, circular and climate-neutral buildings in BSR cities	The output will be include (i) synthesis and analysis of the submitted reports from GoA 2.2, 2.3 and 2.4, (ii) evaluation of pilots according to the goals and methods set in GoA 1.5, pinpointing changes, refinement of solutions, comparative assessments of, e.g., municipalities and countries throughout the BSR and (iii) a focus on implications of adoption of best practices on receiving water quality. Evaluations included in the output will include the following for all pilots: (i) an assessment of which alterations municipalities will have to make to management processes when integrating tox-free/Chemical Smart approach to implementation of construction projects (ii) assessment of solutions including chemical smart construction procurement, green building standards and hazardous substances elimination (environmental targets achieved, economic aspects, barriers identified, do's and dont's) and (iii) inputs tor GoA 1.2 and O1.2 to complete the strategic solutions and make them ready for further transfer. Throughout, the deliverable will highlight the connection between decisions made about the purchase, use, management and disposal of building materials and consequences for receiving waters including the Baltic Sea.		
O 3.1	Built capacities at municipalities and a tested training programme	The output 3.1 is twofold. Firstly, it consists of substantial refinements and improvements to a tested training programme on hazardous substances. The new training programme has been expanded by different modules on sustainable construction materials and construction process management featuring Toxfree/ChemicalSmart, circular and climate-neutral approaches. Thanks to the feedback and inputs from the different target groups (e.g., municipal officers, consultants, etc.) during the capacity building test activities, the training programme will have been finetuned and finalized. In particular, the course will be refined in two versions: both development proposals for the English version and specific adaptations for the versions in national languages. An internal report on testing of the specific training course in each of the municipalities and deducted proposals for refinement and adaptation will be written. Thereafter the finalized training modules will be launched and published at the NonHazCity website hosted by PP1 RCC. There it is available for free to everyone in the BSR and beyond, for didactic teaching and autodidactic learning, on- and offline. Communication efforts will be made to inform the relevant target audiences. Secondly, it consists of the newly built capacities of about 240 municipal staff from across the whole BSR, who will have received training on hazardous substances, procurement, sustainable construction materials and construction process management, and who now have got an improved understanding of how they can reduce hazardous substances in their daily work, who have good knowledge about the available tools (guidance, fact sheets, check lists, etc.) as well as contacts with experts that can provide advice and accompany them in the application of that understanding and knowledge.		
D 3.2	Summary of international workshops´ documentation: discussion papers and reports	D 3.2 will be a compendium of the documentation of the international events of the project. We will provide a background document for each workshop (to prepare the participants and guarantee a good thematic preparation) and write a report in which we will describe the results of discussions, inputs by external participants, their feedback to our solutions, outputs and recommendations. We will present in the deliverable our three level solutions: strategic solutions for management procedures of construction and buildings (recommendations, policy instruments, standards); practical/technical solutions for construction (technical guidance, building experiences); communication & education solutions (knowledge campaigns, training). And we will present our concept for designing and construction of tox-free, circular and climate-neutral municipal or private buildings and its link to reduction of emissions of hazardous substances from construction materials, buildings & construction sites to protect the (aquatic) environment in BSR. The deliverable will be an electronic document (in English) and can be downloaded from the INTERREG website also after project end.	Actually all outputs contribute to this deliverable - then will be presented at the workshops	
O 3.3	General public in the Baltic Sea region raised awareness about issue of chemical safety&buildings	The output is based on solutions prepared and adjusted in the project and used for awareness raising campaigns. The output will contain: a) set of educational materials, based on project results in WP1&2 for wider public. The materials will be adopted for online and offline usage. Materials will be adapted and translated into local languages for effective use in various cities around the Baltic Sea b) set of materials for direct or indirect communication with public and how to use it c) set of materials to raise capacity of environmental NGOs in BSR The environmental NGOs and other interest groups can use this in their communication work.		
O 3.4	The NonHazCity Building Award: The best building solutions protecting from hazardous substances	The output of the NonHazCity Building Award will consist of the best building solutions protecting people and the environment from hazardous substances from BSR region. Whilst target groups are far too often overwhelmed by the complexity of HS challenges faced, these best practice solutions show the way. Suitable information materials such as brochure/fact sheet(s), film(s), in depth article(s), etc. will be produced, and target groups will get to know about these practical examples thanks to them. In online webinar(s) and expert exchange(s) they can exchange with the people behind these solutions, learn about how it has been realized and which challenges were overcome already, and can therefore retrieve valuable lessons from these exemplary solutions which can teach them practically how to proceed and how they can integrate HS protection into their daily work. The output consists hence of the awarded solutions that are presented in form of brochure/fact sheet(s), film(s), article(s), blog post(s), webinar(s) and expert exchange(s) in English so that target groups globally can draw inspiration from it/them.		

O 3.5	Policy recommendations for toxfree construction - from local best practice to national policy making	The output consists of report with policy recommendations and European workshop that presents the findings of the project to the competent authorities. OUTPUT 1: REPORT WITH POLICY RECOMMENDATIONS To transfer the NHC3 findings from local to national and EU level our policy recommendations are fitted into a sector-cutting framework for the work on hazardous substances. In the draft report, based on our findings from WP 1 and WP 2, we will present firstly the best practice solutions for how materials should be chosen and used to have a minimal environment and health negative impact and secondly how this best practice can be implemented in regulations and administrative provisions beyond the municipality level. Also, the design of buildings in a way that will support reducing pollution from, in and around buildings will be covered using the outputs of WP 1 and WP 2. The report should enable and encourage both public and private sector operators to make 'zero pollution pledges' to promote buildings and construction products proven to be less polluting over their whole life cycle, making them climate-neutral, circular AND TOXFREE. The report provided shall also highlight the digital implementation of the database solutions developed in GoA 1.3 in the context of existing initiatives such as logbooks or building passports intending to save information regarding contained substances for future retrofits and renovations. Recommendations concerning the feasibility and implementation of building level digital solutions for chemical data will be drawn up on the basis of our results. OUTPUT 2: EUROPEAN WORKSHOP ON IMPLEMENTATION The draft report with policy recommendations will be presented and discussed in a European workshop in the Bauhaus town Dessau or in Berlin. Stakeholders presenting construction-related EU initiatives, national building authorities, and private sector builder-owners will be invited as panellists to make sure that the output will get attention in the relevant target groups. The provided guidance and recommendations should enable all interested stakeholders to design, procure and build with construction products that will reduce air, water and soil pollution to levels no longer considered harmful to health and natural ecosystems. The European workshop will focus on implementation of the outputs created in NHC3 in practise. The goal is to convince national stakeholders to use the recommendations provided and find solutions for making following core guidance mandatory, especially for the public sector. In many cases national legislation for planning and building includes provisions saying that materials used for construction should not harm the environment or human health. Often, more specific rules are missing. Therefore, the finalised report of GoA 3.5 will provide, based on the results of the workshop, models and examples of possible specific rules for national implementation. These are intended as inspiration for all decision makers.		

Work package 1

5.1 Preparing solutions

5.2 Aim of the work package

The aim of this work package is to prepare solutions to help address the identified challenge. You can either develop entirely new solutions or adapt existing solutions to the needs of your target groups. Prepare your solutions in a way that you can pilot them in Work Package 2. Consider how you involve your target groups in preparation of the solutions.
Organise your activities in up to five groups of activities to present the actions you plan to implement. Describe the deliverables and outputs as well as present the timeline.

5.3 Work package leader

Work package leader 1 PP 15 - BEF Latvia

Work package leader 2 PP 2 - City of Stockholm

5.4 Work package budget

Work package budget 30%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?

	Target group	How do you plan to reach out to and engage the target group?
1	Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project). 493 / 500 characters	The WP1 activities will engage our partner municipalities and base on their experiences and procedures they have been used. They will be actively involved into elaboration of strategic solutions for management procedures of sustainable (i.e. toxfree, circular and climate-neutral) construction. They be also involved in developing solutions for technical and practical implementation. They need to express their opinion on usability of all guidance as they will be one of the main users. Partner municipalities will provide information of their current management procedures and identify gaps for strategic decision making. More municipalities will be targeted through partner PP19 CCB who have their network of municipalities in the BSR. 739 / 1,000 characters
2	Infrastructure and public service provider Municipal construction companies, public housing companies and water companies in charge of construction, house management, hazardous waste management and water monitoring. Target group is any municipal construction or public housing company, water company of the BSR. 268 / 500 characters	Public service providers like municipal construction companies will be involved in preparation of all practical guides which are intended for them as actors who supporting the municipalities in their decision making regarding construction or renovation. We will engage them via our partner municipalities and their networks. 324 / 1,000 characters
3	Business support organisation Consultants, Green Building or Sustainable Building councils or associations, trade organizations, construction engineering faculties of universities and professional education entities from SE, FI, EE, LV, LT, PL, DE, DK - the location of the entity does not play any role - they offer their services to the construction sector actors in the project locations and beyond. Representatives of this target group are PPs, AOs from 428 / 500 characters	Consultants, Green Building Councils or associations and our expert partners from universities will be involved in preparation of all strategic and practical solutions. We will engage them via the project partners or associated partners networks. University experts' knowledge and experience are valuable in preparation of all strategic solutions. Consultants and associations will be the users of technical and practical solutions and could identify gaps in these documents. 475 / 1,000 characters
4	Small and medium enterprise Design, architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials. The location of the enterprise does not play any role, they would be acting in the projects pilot municipalities and target countries. Representatives of this target group in the project come from Germany. Latvia, Sweden and Finland. 387 / 500 characters	Construction stakeholders like architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials will be direct beneficiaries of all practical and technical solutions worked out in the project. They will pilot them and provide feedback. We reach them out via our municipalities networks. 366 / 1,000 characters
5	Interest group Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR. 447 / 500 characters	We will engage the environmental and chemical experts from non-profit organizations (PP13-17) in preparation of all solutions because they are assisting local municipalities in implementation of chemical-smart procurement criteria in practical building. They know the needs of municipalities regarding the gaps in their knowledge and do the awareness raising. 359 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
1.1	**Assessment of building materials vis-a-vis hazardous substances**
1.2	**Strategic solutions for managing procedures for construction materials and sites at municipal entity**
1.3	**Technical and practical solutions: developing assessment tools, guidelines and fact sheets**
1.4	**Capacity building concept**
1.5	**Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities**

WP 1 Group of activities 1.1

5.6.1 Group of activities leader

Group of activities leader PP 2 - City of Stockholm

A 1.1

5.6.2 Title of the group of activities

Assessment of building materials vis-a-vis hazardous substances

63 / 100 characters

5.6.3 Description of the group of activities

The main task of GoA1.1 is to support municipalities in identification and assessment of building materials for load-bearing, insulation and finishing as well as for engineering systems used for construction and/or renovation of public/private buildings. The assessment will include compilation of properties of hazardous substances of concern, type of materials and indoor/outdoor application in buildings.

GoA 1.1 will start with the agreement among partners on building-related materials/products and the substances of concern to be tackled in the project (during the kick-off meeting). Further, partner municipalities will perform a screening (based on prepared template) of materials and products commonly used at their entities (own purchases or used by service providers) and reflect on composition or presence of substances. These could be substances with EDC, CMR, PBT or vPvB properties, allergens or being hazardous to human health and the environment such as chlorinated paraffins, brominated flame retardants, organophosphates, PFAS, PAH and heavy metals. They can be present in plasticizers, biocides (a broad spectrum of preservatives), insulation materials, flame retardants, glues, coatings and surface treatment, oils or two-component plastics. The screening will highlight information gaps related to information on toxicity, climate impact, circularity and the potential for water pollution via surface run-offs or via wastewater.

In parallel, partners will screen and compare existing data bases for evaluation of building materials/products e.g., BVB or BASTA from Sweden, where the assessment is based on the complete contents of a commodity or a chemical product as well as eco labels such as Nordic Swan, EU Flower or Blue Angel and assess these according to criteria for hazardous substances, credits for approval, environmental and circular aspects, availability, costs and private consumers perspective. The criteria on chemicals content will be based primarily on the classification limits according to EU legislation.

As a result of all assessment tasks a catalogue of frequently used building materials for load-bearing, insulation, finishing and for engineering systems that are sound, safe and environmental sustainable will be elaborated. The catalogue shall also include template texts for tendering, practical implementation through the entire building process, efficient product supply and methods (auditing) for follow-up processes. The draft catalogue will be discussed at 2nd partners meeting and launched at the end of period 2. The catalogue will remain as a "living document" and will be amended based on outcomes from GoA2.1.

Partners PP2, PP12, PP14-16, PP22 will be involved in screening the data bases and elaboration of the catalogue. Municipalities (PP/AO) will provide information on building materials used and identify information gaps related to hazardous substances.

2,927 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.1

Title of the deliverable

Catalogue of building materials for load-bearing, insulation, finishing and engineering systems

95 / 100 characters

Description of the deliverable

The catalogue will provide information on non-toxic, climate neutral, circular building materials for load-bearing, insulation, finishing and engineering systems available on the EU market and used for construction/renovation of public/private buildings in the Baltic Sea Region. It will allow to analyze common/frequently used building materials at municipalities and information on certain hazardous substances of concern. The information gathered from various sources - BVB, BASTA, Nordic Swan, EU Flower, Blue Angel as well as from partner municipalities will allow to develop lists of approved building materials, identify hazardous substances that are most relevant for various building materials and gain information about supplier chain and suppliers in the Baltic Sea Region.

The catalogue will be developed in an easy to modify and navigate format (Excel, tbc) and can serve both public authorities as well as business stakeholders as information source. It will be the basis for information materials developed in the course of the project for different professional stakeholders as as for the general public.

1,121 / 2,000 characters

Which output does this deliverable contribute to?

O1.2 - strategic solutions, 1.3 - set of information materials and 1.4 - Training programme

91 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: Preparing solutions						
A.1.1: Assessment of building materials vis-a-vis hazardous substances						
D.1.1: Catalogue of building materials for load-bearing, insulation, finishing and engineering systems						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 1 Group of activities 1.2

5.6.1 Group of activities leader

Group of activities leader PP 15 - BEF Latvia

A 1.2

5.6.2 Title of the group of activities

Strategic solutions for managing procedures for construction materials and sites at municipal entity

100 / 100 characters

5.6.3 Description of the group of activities

The main task of GoA1.2 is to elaborate strategic solutions for management procedures of sustainable (i.e. toxfree, circular and climate-neutral) construction at municipalities. This is underlaid by the thinking that chemicals in buildings, construction materials for outdoor and indoor application, and chemicals that are in the products shall be considered by environmental (e.g., water pollution by run-offs and wastewater) and circularity aspects. Strategic decisions taken at the very early stage will affect the further performance of building.

GoA1.2 will start with mapping of the current management landscape through a series of targeted interviews with key stakeholders at municipalities (decision makers, experts, end-users). We will ask for sustainability, environmental commitments & targets, application of policy instruments, reflection on current building processes, political and managerial support, organizational aspects of work (staff, financial security), collaboration in implementation, and, finally, capacity building programmes covering chemicals issues. We will evaluate and compare the approaches and benchmark the framework conditions in the partner countries/municipalities. A needs assessment will show the potential for acceptance and uptake of strategic solutions by the municipalities.

The NonHazCity strategic solutions for management procedures will address:
• Chemical criteria in procurement by advancing the existing Green Public Procurement (GPP) criteria and setting chemicals aspects as equal besides circularity and climate-neutrality (the NonHazCity 3-pillar approach to GPP)
• Traceability of information and proper supply chain communication by advancing (and training) information requests to potential suppliers, manufacturers or service providers
• Sustainable building certification systems by benchmarking with existing building standards such as German DGNB (circularity aspects), BREEAM (sustainability aspects) and adding hazardous substance aspects more explicit to it - we consider advancing the simple Lithuanian sustainable building standard (LPTBS) as carrier for this proposal
• Solving the issue of economic disadvantage of sustainable versus regular choice for building projects/materials by intensified market dialogue (strategies).

The strategic solutions will be elaborated in form of recommendations and discussed at a workshop among the partners and invited external experts in period 3. They will be tested in pilots in GoA2.2 and evaluated in GoA2.5. The pilots will provide inputs on practical applicability of these solutions. Finetuning the O1.2 will take place in period 5 to complete the strategic solutions and make them ready for further transfer.

Partners PP2, PP6, PP10, PP13-17, PP18 and AO5 will be involved in elaboration of strategic solutions. Partner municipalities will provide information of their current management procedures and identify gaps for strategic decision making.

2,971 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 1.2

Title of the output

Strategic solutions for managing procedures for construction materials and sites at municipal entity

100 / 100 characters

Description of the output

The output will provide recommendation for the above defined strategic solutions and make them available to unfold the efficiency of managing procedures for construction materials and sites at municipalities. It will consist of four solutions:
• The NonHazCity 3-pillar approach to GPP including criteria for hazardous substances (respectively their avoidance) in product groups and services related to construction in the public procurement rules of project (and other) municipalities
• Guidelines for proper supply chain communication (specific for construction related issues) by advancing information requests to potential suppliers, manufacturers or service providers
• Based on the example of the Lithuanian sustainable building standard - LPTBS - a proposal for a chapter on hazardous substances & circularity into such standard
• A market dialogue strategy for communication with the construction stakeholders (template questionnaires for the market dialogue and information requests)

Furthermore, the output includes (as 5th respectively 1st solution) enabling framework conditions for uptake and management landscape:
• The commitment from the city to take up the sustainability and environmental commitments and targets, application of the policy instruments and reflection on current building processes
• Political, and managerial support, because municipal officers need the signal from the top management, from the political side and their superiors on support for application of tools (e.g., public procurement)
• Organizational aspects of work, e.g., assignment of responsible person(s) and sufficient time allocation, financial security for implementation of activities.
• Collaboration for implementation of different departments of the city administration to represent various sectors in communication and cooperation to strengthen and link the policymaking, and the practitioners
• Boosting knowledge on chemicals, by availability of materials and supporting tools for capacity building and by participation in educational activities of municipality practitioners.

O1.2 will be compiled in a pdf document (in English) and made available in the electronic format for download.
The draft output will be available for being tested in the pilots in period 3 and undergo in period 5 for revisions after feedbacks and be made-up for transfer in period 5 and 6 in WP3.
O1.2 will input to policy discussion in 3.5 and shall be discussed at its international policy workshop in period 5.
The strategic solutions will be disseminated to municipalities in the Baltic Sea Region (e.g. members of the Union of Baltic Cities), they could be used for checking and advancing their GPP practices and adjusting them so that the end-result is a toxfree, circular and climate-neutral building.

2,799 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project).	The output with recommendation on strategic solutions to unfold the efficiency of managing procedures for construction materials and sites will be tested at pilot municipalities and further incorporated in their operational practice as a guidance document. Thus municipalities will foster increasing market demand for tox-free construction materials/products and processes. The strategic solutions will be disseminated to municipalities in the Baltic Sea Region (e.g. members of the Union of Baltic Cities), they could be used for checking and advancing municipalities' GPP practices and adjusting them so that the end-result is a toxfree, circular and climate-neutral building. 679 / 1,000 characters
Target group 2 Small and medium enterprise Design, architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials. The location of the enterprise does not play any role, they would be acting in the projects pilot municipalities and target countries. Representatives of this target group in the project come from Germany. Latvia, Sweden and Finland.	The output containing strategic solutions will be used as a guiding document by enterprises to highlight the approach and objective for procurement in construction avoiding toxic substances thus providing information for small and medium enterprises to be better prepared for the market demand. 295 / 1,000 characters

Target groups	How will this target group apply the output in its daily work?
Target group 3 Business support organisation Consultants, Green Building or Sustainable Building councils or associations, trade organizations, construction engineering faculties of universities and professional education entities from SE, FI, EE, LV, LT, PL, DE, DK - the location of the entity does not play any role - they offer their services to the construction sector actors in the project locations and beyond. Representatives of this target group are PPs, AOs from	Consultants and Green Building Councils or associations could use the proposed templates and materials for managing procedures for construction materials and sites at municipalities. 183 / 1,000 characters

Durability of the output

Partner municipalities will incorporate and maintain strategic solutions in their management practices for application of tox-free construction materials and construction sites at municipalities.
Small and medium enterprises are important participants in the supply chain keen to follow demand from municipalities and thus the output will serve them as a reference document to adjust their services according to the selected criteria for tox free materials and preparation to the market dialogue.

496 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: Preparing solutions						
A.1.2: Strategic solutions for managing procedures for construction materials and sites at municipal entity						
O.1.2: Strategic solutions for managing procedures for construction materials and sites at municipal entity						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 1 Group of activities 1.3

5.6.1 Group of activities leader

Group of activities leader PP 15 - BEF Latvia

A 1.3

5.6.2 Title of the group of activities

Technical and practical solutions: developing assessment tools, guidelines and fact sheets

90 / 100 characters

5.6.3 Description of the group of activities

GoA1.3 aims at providing solutions for technical and practical implementation of our central goal - to make construction and buildings climate-neutral, circular AND TOXFREE. Our technical solutions will be developed for different target groups and for different activities in the building sector. They will be expressed in different formats: fact sheets, checklists, data bases, tools, guidelines.

The activity will start with collection and assessment of available information sources on sustainable design and construction of public and private housing. Project partners will systematize the information from existing materials developed in former projects. A lot of information exists (especially in Nordic countries and Germany) on energy efficiency of buildings, little about circularity and toxicity. We will select the best information available and advance it with our experts to address our three pillars: climate-neutrality, circularity and toxicity.

Based on the above assessment, the project will prepare:
• A step-by-step guide for the process management of toxfree, circular and climate-neutral construction at municipalities (new housing, extension and refurbishment) addressing the design, procurement, construction as such and construction site management
• A data base system for construction product assessment based on the existing Swedish BVB system
• A series of NonHazCity fact sheets for professionals involved in the construction business: substances of concern, construction materials, impacts, site management (Do´s and Don´ts)
• A new DIY guide from the NonHazCity series, called "Toxfree, circular and climate-friendly renovation of my home".
• The extension of the existing consumer app "Check(ED)" from the former NonHazCity2 project with new features on construction, indoor air and health related issues

The 1st, 3rd and 4th products are classical manuals & publications developed by the consortium newly. Product No. 5, the app "Check(ED)" will be further developed by a sub-contractor of PP 13.
The data base mentioned will be built on Byggvarbedomningen "BVB" from Sweden, which has been pre-selected (proposed by PP2 &3) as excellent solution for construction product assessment. The legal entity owning it, BVB Service AB, has agreed to become a partner. The partner municipalities from the other countries expressed great interest in this solution. It could become a BSR (and beyond) system and not only a Swedish one.
During NHC3 the existing BVB will be advanced: multilateral adaptations for English speaking users will be necessary, products from other countries will be added (resources to perform additional assessments are allocated). The partners will be trained by BVB on how to use the data base in their pilots in GoA 2.3&2.4.

PP6, 9-17 and 20 will be involved in elaboration O1.3. PP and AO municipalities and construction stakeholders will be direct beneficiaries, pilot them and provide feedback.

2,960 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 1.3

Title of the output

The NonHazCity set of practical guides for sustainable construction and construction materials

94 / 100 characters

Description of the output

O1.3 presents five practical guides/solutions and wants to support municipalities, construction stakeholders and residents to design, order, build, renovate and live in climate-neutral, circular and toxfree houses. The guides are the following:
• A step-by-step guide for the process management of toxfree, circular & climate-neutral construction at municipalities addressing the design, procurement, construction as such and construction site management
• A data base system for construction product assessment based on the existing Swedish BVB system
• A series of NonHazCity fact sheets for professionals from construction business: substances of concern, construction materials, impacts, site management
• A new DIY guide from the NonHazCity series, called "Toxfree, circular and climate-friendly renovation of my home".
• The extension of the existing consumer app "Check(ED)" from the former NonHazCity2 project with new features on construction, indoor air and health related issues

The step-by-step guide for the process management is designed as an overall template in English - local specifications will be elaborated for the partner municipalities individually (electronic documents for download)
The BVB data base provides clear criteria regarding chemical contents. It is an easy-to-use online system to search for environmentally evaluated products. The assessment is based on the complete contents of a commodity or a chemical product on delivery stated as wt% of the entire commodity and the content must be reported. It has the possibility to create a project-specific logbook of building material, essential for non-toxic circular economy. It will be made available in English for non-Swedish users.
The NonHazCity fact sheets for construction professionals are meant for advancing the knowledge of architects, construction engineers/companies and monitoring institutions on chemicals issues and set them into relation to circularity of materials and energy efficiency of buildings. The will be elaborated as English template and translated/adapted to the local languages of the project (electronic documents, printing tbc).
The DIY guide for inhabitants of flats and houses is planned to be a booklet of ca. 40 pages, A4, printed (national versions, tbc, EN as online version).
Check(ED) is an application for analysis of selected endocrine disruptors (bisphenols, phthalates, brominated flame retardants, alkylphenols) at homes. It will get a new option for monitoring harmful substances and exposure from renovation. New sources (data base of sources and products) and new substances (also CMR) will be added. It will give recommendations to the user for decrease of exposure. It has been developed within NHC2 and shall be used and promoted (in particular by PP19 CCB) allover the BSR.
O1.3 will be developed in labor division - transnational cooperation will help creating such ambitious amounts of outputs and guarantee wide outreach for dissemination to different actors.

2,999 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Infrastructure and public service provider Municipal construction companies, public housing companies and water companies in charge of construction, house management, hazardous waste management and water monitoring. Target group is any municipal construction or public housing company, water company of the BSR.	These practical guides are needed by the different actors who supporting the municipalities in their decision making regarding construction or renovation. Also water companies will benefit from the information in guides or fact sheets when raising their awareness about the substances of concern for water environment. 318 / 1,000 characters
Target group 2 Small and medium enterprise Design, architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials. The location of the enterprise does not play any role, they would be acting in the projects pilot municipalities and target countries. Representatives of this target group in the project come from Germany. Latvia, Sweden and Finland.	Suppliers do not always have the knowledge of what kind of effects a chemical substance have as classifications could be difficult for non-experts to interpret; training and support materials will assist in this problem. The practical guides contribute more constructive dialog and demands on evaluated/declared products/materials. All parties in the construction phase are getting up to speed in how to use the tools and to make better material choices from training, information, and an appointed contact in the municipality. Transparent information on product content to evaluate substitution as a way forward; substitution facilitated by our training material. 666 / 1,000 characters

Target groups	How will this target group apply the output in its daily work?
Target group 3 Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project).	Training materials distributed to target municipalities but also with the help of PP19 CCB to municipalities in BSR. Worked out guidance documents promote the implementation of the building assessment system, Byggvarubedomningen (BVB) on a municipal level - tool for information and demanding the materials with no substances of concern and suitable for circularity. A step-by-step guide for process management is not only for our project municipalities, but also for any municipality in BSR which wants to implement GPP in construction. 538 / 1,000 characters
Target group 4 Interest group Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR.	Advanced Check(ED) application from the project for analysis of selected endocrine disruptors (bisphenols, phthalates, brominated flame retardants, alkylphenols) at homes will give recommendations to to a wider audience for decrease of exposure from building materials. It shall be used and promoted (by PP19 CCB) among environmental NGOs allover the BSR. 357 / 1,000 characters
Target group 5 Business support organisation Consultants, Green Building or Sustainable Building councils or associations, trade organizations, construction engineering faculties of universities and professional education entities from SE, FI, EE, LV, LT, PL, DE, DK - the location of the entity does not play any role - they offer their services to the construction sector actors in the project locations and beyond. Representatives of this target group are PPs, AOs from	Green Building Councils or Sustainable Building Councils in project partner countries and also in other BSR countries can use the training materials to raise the awareness of their members or consultants in hazardous substances that the building materials could contain. As they are the construction business advisors and support in implementing the building standards they need any knowledge regarding the substances of concern, construction materials, impacts, site management. BVB logbook in English will give the possibility to increase user group awareness and to be informed about the circularity aspects of building materials. Training materials in English ensure the right interpretation of assessments. 713 / 1,000 characters

Durability of the output

Target group for the step-by-step guide for process management is our project municipalities (PP and AO). It is expected that these steps get integrated into workprocedures and, later, become a routing for successful process management of sustainable construction.
BVB will be maintaining the web-system in Swedish and English, project members that used the tool for free during the project will be offered to apply for membership or to get a licence to continue using the system the same way as Swedish users/members.
The fact sheets will be disseminated via construction stakeholder networks and associations, they will be available online for future use. When new legal frames are evolving they will partly become outdated and can be renewed or adapted, if applicable.
DIY guide and app will be used by the NGO partners for new projects and in their daily operations.

871 / 1,000 characters

5.6.6 Timeline

	Period: 1	2	3	4	5	6
WP.1: Preparing solutions						
A.1.3: Technical and practical solutions: developing assessment tools, guidelines and fact sheets						
O.1.3: The NonHazCity set of practical guides for sustainable construction and construction materials						

5.6.7 This deliverable/output contains productive or infrastructure investment

☐

WP 1 Group of activities 1.4

5.6.1 Group of activities leader

Group of activities leader PP 18 - World Future Council Foundation

A 1.4

5.6.2 Title of the group of activities

Capacity building concept

25 / 100 characters

5.6.3 Description of the group of activities

NHC1 revealed that the knowledge on chemicals issues at local authorities and at professional down-stream users of chemicals products and articles generally is low - not only in Eastern Baltic Sea Region countries, but also in Western BSR (and anywhere). Within NHC2 a comprehensive training programme has been developed providing basics on hazardous substances, their impacts to environment and human health, various management and policy instruments tackling them and an in-depth module on chemical-smart procurement as key instrument to avoid the substances of concern already at purchase, means upstream source. The training programme is located at the server of PP1, Riga City Council (https://thinkbefore.eu/en/training-programme-about-hazardous-substances/). It is a self-learning programme and exists in English, Estonian, Latvian, Lithuanian language. It is well-perceived and used by the target groups.

Within NHC3, GoA 1.4, we want to add up to this training programme a course (several modules) on sustainable construction materials and construction process management highlighting the three pillars of our project´s focus: toxicity, circularity and climate-neutrality. With these modules NHC3 wants to support municipalities in capacity building and educate municipal officers, so that they have better knowledge about approaches and tools (amongst others those developed by the project), and they can implement them in their daily activities.

GoA 1.4 will start with mapping of the specific target group(s) of these new training modules (public and private entities, professional and layman actors) and defining the focus of the capacity building communication content of the specific target audience. All project partner will be invited to provide input thereto. This will be topped up with some targeted interviews at partner municipalities (e.g., architects, building designers, housing/building associations) to specify the topics for the capacity building needs. Based on this outcome, the elaboration of specific training course modules (e.g., on principles for climate-neutral, circular AND toxfree construction materials, substances/products of concern and their environmental/health risks, on procurement criteria, building standards and communication along the supply chain) will be done by the World Future Council (PP18) and BEF Latvia (PP15) with support of BEF Estonia (PP14), BEF Lithuania (PP16), TUAS (PP10), ECC (PP17) and POMInno (PP11). The training modules will be tested by partners in GoA3.1, revised and launched in period 5 for wider use (with help of UBC - AO4).

In addition, the capacity building concept will contribute to reaching layman actors – inhabitants for building of the common understanding that there are hazardous substances, and we are responsible for them. Outcomes from the mapping exercise will provide input for the content of the DIY guides for inhabitants and the App Check(ED) (elaborated in GoA1.3).

2,968 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.4

Title of the deliverable

Training course (modules) on toxfree, circular AND climate-neutral construction and buildings

94 / 100 characters

Description of the deliverable

D1.4 will consist of several newly developed modules for the NonHazCity Training programme on hazardous substance related issues for municipalities. It will be assembled as a set of materials, e.g., presentation files, background information documents, visuals specific to the training modules and usable in face-to-face or distant learning arrangements. The master copy is prepared in English language, and adaptation in national languages will be available for FI, EE, LV, LT, DE, PL languages. (Danish and Swedish, tbc). The initial English versions will only cover the core parts of the materials in order not to spend too much working time on these templates. Partners will add content relevant for them when developing the versions in the respective national languages.
The modules will be about sustainable construction materials and construction process management highlighting the three pillars of our project´s focus: toxicity, circularity and climate-neutrality. They will be available in different formats (text, video, audio, interactive elements), applicable as a DIY version and as part of workshops or existing qualification programmes.
The level of difficulty will be adapted to similar training courses for employees of public authorities - they are supposed to have background knowledge and skills on issues such as construction materials, building processes, environmental issues, public procurement or communication with stakeholders. Partly they will be advanced in energy-efficiency issues of construction and buildings. But they will lack knowledge and experience integrating the circularity and the toxicity aspects into it.

1,653 / 2,000 characters

Which output does this deliverable contribute to?

O3.1: Built capacities at municipalities, and a tested training programme

73 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: Preparing solutions						
A.1.4: Capacity building concept						
D.1.4: Training course (modules) on toxfree, circular AND climate-neutral construction and buildings						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 1 Group of activities 1.5

5.6.1 Group of activities leader

Group of activities leader PP 9 - Swedish University for Agricultural Sciences (SLU)

A 1.5

5.6.2 Title of the group of activities

Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities

99 / 100 characters

5.6.3 Description of the group of activities

For each of the pilots in WP2, we aim to establish tangible connections between the proposed solutions, the pilot actions and environmental outcomes. Specifically, we will highlight the link between decisions made about construction materials and the health of the Baltic Sea. Throughout their lifecycle from construction and use to eventual demolition, buildings and their contents release chemicals to the environment. Any reductions in the use of hazardous substances (HS) in building construction and maintenance as well as the adoption of chemical-aware practices when old building material is disposed of will lead to a reduction in release of chemicals to the environment in general and receiving waters in particular.
In this task, we will build a bridge between GoA 1.3 and 2.1 to connect what is currently known about HS in buildings and what is observed in the pilots.
Each pilot will identify specific quantifiable objectives for designated target groups with a focus on specific products and services (e.g., building maintenance, renovation and cleaning). Quantifiable objectives include reductions in HS emissions to the environment, reductions in the use of material containing HS, implementation of “chemical smart” measures, changes in procurement, etc. Designated target groups include municipalities, the construction sector, facilities managers and the general public. Specific products include those that derive their functionality from HS (e.g., preservatives, biocides, cleaning products, etc.), those that contain HS as a byproduct (e.g., paints, sealants and plastics) as well as furniture.
Easy to measure indicators are needed to evaluate success of the pilots and promote their application on a larger scale.
The following indicators are proposed
(i) quantification of the use of items, articles and materials identified as having non-toxic, climate neutral or circular properties (identified in GoA 1.1).
(ii) estimation of the current use of items, articles and materials that could be substituted with those identified in GoA 1.1
(iii) documentation of organizational changes undertaken to achieve “chemical smart” municipal management of construction materials and building sites (GoA 1.2)
(iv) assessment of compliance with the technical and practical solutions identified in GoA 1.3

The approach for evaluation of pilots and solutions and the set of proposed indicators will be discussed at the 2nd Project partners meeting.

2,463 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.5

Title of the deliverable

Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities

99 / 100 characters

Description of the deliverable

The Deliverable will be a guidance for the partners implementing the different pilots and solutions. It will help the partners to document success factors for pilot implementation as well as challenges encountered. The guidance will give concrete, actionable assistance like check lists and case study templates. The guide will be targeted both to the project consortium and to external actors who may wish to leverage our findings when they implement their own pilots and solutions after having been learned about them in WP3.
The introductory chapter of this guidance will reflect on strategic considerations behind the selection of pilots linking them to the substances of concern (addressed by a screening activity) and potential impacts on downstream receiving waters. The guidance will highlight the evaluation approach for enabling framework conditions supporting implementation path of the pilot actions. The guidance will reflect on indicator selection and provide description and range of applicability for their use in groups of pilots. Suggestions for evaluation of pilot actions (GoA2.2., 2.3., 2.4) in course of their implementation will be provided by easily assessible groups of parameters. Specifically, these will refer to evaluation of chemicals requirements in purchases (i.e., criteria, product selection system, chemical requirements imposed on service providers, inspection and review of requirements in purchases) and phasing out of substances of concern in construction (i.e., identification of chemicals, assessment of alternatives, replacement or reduction plans, practical, measured replacement or reduction).
The strategy for evaluation of pilots and solutions will be used in WP2, GoA 2.5 and the feedback will serve to upgrade the solutions documents (period 5).

1,795 / 2,000 characters

Which output does this deliverable contribute to?

The deliverable D1.5 will contribute to the success of the output O2.5

70 / 100 characters

5.6.6 Timeline

	Period: 1	2	3	4	5	6
WP.1: Preparing solutions						
A.1.5: Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities						
D.1.5: Strategy for evaluation of pilots and solutions vis-à-vis environmental impacts and call priorities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

Work package 2

5.1 Piloting and evaluating solutions

5.2 Aim of the work package

The aim of this work package is to pilot, evaluate and adjust solutions. Plan one or several pilots to validate the usefulness of the solutions prepared in Work Package 1. Start Work Package 2 early enough to have time to pilot, evaluate and adjust solutions, together with your target groups. By the end of this work package implementation the solutions should be ready to be transferred to your target groups in Work Package 3.
The piloted and adjusted solution should be presented in one project output.
Organise your activities in up to five groups of activities. Describe the deliverables and outputs as well as present the timeline.

5.3 Work package leader

Work package leader 1 PP 14 - BEF Estonia

Work package leader 2 PP 13 - BEF Germany

5.4 Work package budget

Work package budget 40%

5.4.1 Number of pilots

Number of pilots 7

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?

	Target group	How do you plan to reach out to and engage the target group?
1	Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project). 493 / 500 characters	3-pillar framework for climate-neutral, circular and toxfree public procurement of construction materials & buildings, will be piloted by our 6 partner municipalities. They also test the green building standards, BVB database and do the practical construction. The partner municipalities will be directly involved in the 7 piloting activities. 343 / 1,000 characters
2	Infrastructure and public service provider Municipal construction companies, public housing companies and water companies in charge of construction, house management, hazardous waste management and water monitoring. Target group is any municipal construction or public housing company, water company of the BSR. 268 / 500 characters	Municipal construction and public housing companies need also to be involved in piloting of solutions by our municipalities. They need to know the practical aspects and be able to use the knowledge they get. We will reach them out via our partner municipalities networks and involve in practical pilots. 303 / 1,000 characters
3	Business support organisation Consultants, Green Building or Sustainable Building councils or associations, trade organizations, construction engineering faculties of universities and professional education entities from SE, FI, EE, LV, LT, PL, DE, DK - the location of the entity does not play any role - they offer their services to the construction sector actors in the project locations and beyond. Representatives of this target group are PPs, AOs from 428 / 500 characters	Green Building Council (AO5), Building Products Assessment Service (PP12), technical universities (PP9, PP10) play supportive role in piloting. They will assist municipalities in certain tasks – assessing building material impacts, procurement criteria & guidelines. Other Green Building Councils/Associations in BSR as the construction business advisors support in implementing the piloted building standards. We engage them via their own networks. 449 / 1,000 characters
4	Small and medium enterprise Design, architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials. The location of the enterprise does not play any role, they would be acting in the projects pilot municipalities and target countries. Representatives of this target group in the project come from Germany. Latvia, Sweden and Finland. 387 / 500 characters	Design, architecture and construction bureaus (PP6, PP20) will be directly involved in piloting the practical building. They will support municipalities in implementing the design of chemical-smart and climate neutral buildings. 228 / 1,000 characters
5	Interest group Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR. 447 / 500 characters	Environmental and chemical experts from non-profit partner organizations (PP13-17) assist local municipalities in implementation of chemical-smart procurement criteria in practical building. Therefore they are directly involved in piloting and evaluation of solutions. 268 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
2.1	**Screening and monitoring of hazardous substance occurrence in building materials and sites**
2.2	**Pilots for strategic management processes: procurement, building standards and HS restriction policy**
2.3	**Accompanying design & construction of toxfree, circular & climate-neutral municipal buildings**
2.4	**Accompanying private house design & construction and DIY renovations by inhabitants**
2.5	**Synthesis and evaluation of pilots**

WP 2 Group of activities 2.1

5.6.1 Group of activities leader

Group of activities leader PP 2 - City of Stockholm

A 2.1

5.6.2 Title of the group of activities

Screening and monitoring of hazardous substance occurrence in building materials and sites

90 / 100 characters

5.6.3 Description of the group of activities

GoA 2.1 is a key preparatory action which will generate information needed for implementing pilots in GoA 2.2, 2.3 and 2.4. As in NonHazCity 1, this GoA will provide evidence on substance occurrence which is needed for communication with stakeholders and inhabitants - this is why municipalities should do screening actions. The screening report will be an important information source for our strategic solutions and final recommendations (GoA 1.2 and 3.5).
We will screen three groups of media: products, water, air/dust for the following substances of concern: plasticizers (phthalates), biocides (triazoles, isothiazolinones), chlorinated paraffins, brominated flame retardants, organophosphates, PFAS, metals. Screening activities will take place in Stockholm, Västeras, Helsinki, Turku, Tallinn and Riga. Chemical analyses will be performed by certified external contracted laboratories.

i) Article screening: chemical analysis of construction materials:
For design and construction of climate-neutral, circular AND toxfree buildings (GoA2.3) we need to map construction products available on the market in order to find toxfree alternatives. We will assess the chemical content of construction materials. We will conduct a market dialog with material suppliers and ask about hazardous substances in their articles. We also will use product environmental declarations and check the information about content of SVHC (Substances of Very High Concern, REACH regulation). In case of no information about the chemicals content or in case of suspicion we will purchase the relevant articles on the market and send to to a certified lab for analysis.

ii) Water/sediment screening: Diffuse leakage of micropollutants from building-related material and construction sites:
To verify if chemical-smart criteria/restrictions in procurement rules are effective (GoA 2.2), we need data. We will perform a meta-analysis of previous substance flow analyses and add up-to-date knowledge of chemical content in building materials, emissions and release to the environment. Knowledge gaps will be filled by additional investigations: household wastewater (Stockholm), storm-water run-off analyzed in an experimental set-up for monitoring pollutants, storm-water in newly build housing area, waterworks pipes, potable water intakes (surface and underground) and in potable tap water.

iii) Air and dust monitoring: old versus new building, connection between HS content in dust/air and material
To verify if chemical-smart criteria/restrictions in procurement (Chemicals Action Plan, Green building, BVB) are effective, Västerås will evaluate new (ecological) buildings by measuring indoor air quality, comparing new buildings with older. Emissions from building materials will be analyzed in collected building material, dust and air samples from preschools/schools. The results will be used to raise awareness on hazardous substances and evaluate current work routines.

2,967 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 2.1

Title of the deliverable

Occurrence of substances of concern in Baltic Sea Region buildings, construction materials and sites

100 / 100 characters

Description of the deliverable

There is an information gap about what substances of concern actually leach from building and construction materials and subsequently contaminate stormwater and surface waters. This assessment report will give information about what the substances are released and end up in receiving waters. It will give information about the occurrence and concentration range of these selected hazardous substances in construction materials, municipal wastewaters, and also about possible emission sources. Information will be gathered from: stormwater from construction sites, municipal wastewater, air and dust samples from preschools and construction products available on the market.

The deliverable will contain methodological chapters (selection of sampling points, sample collection and delivery to analytical laboratories, descriptions of hazardous substances analysis), results of substance flow analysis (SFA) from construction sites, substance screening and source mapping of substances in buildings, construction materials and construction sites (from public and residential buildings).
SFA shows the contaminant path from a building material to the sea. This will allow relevant stakeholders (municipalities, public authorities) to evaluate screening results and develop criteria for procurement and monitoring, including demand for substitution of hazardous chemicals in construction materials. It will also provide guidance for which building and constructions material should be avoided or recommended for a toxfree environment.

Based on screening results, the deliverable will include guidelines derived for the management of construction sites (information source for O3.5 Guidance for non-toxic construction).
The report will be the Annex to O1.2 strategic solutions which will reflect solutions for managing procedures for construction materials and sites at municipal entity, and also be an important information source for final recommendations (GoA 3.5).

1,969 / 2,000 characters

Which output does this deliverable contribute to?

Annex to O1.2 strategic solutions, O3.5 Guidance for non-toxic construction

75 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: Piloting and evaluating solutions						
A.2.1: Screening and monitoring of hazardous substance occurrence in building materials and sites						
D.2.1: Occurrence of substances of concern in Baltic Sea Region buildings, construction materials and sites						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 2 Group of activities 2.2

5.6.1 Group of activities leader

Group of activities leader PP 10 - Turku University of Applied Sciences (TUAS)

A 2.2

5.6.2 Title of the group of activities

Pilots for strategic management processes: procurement, building standards and HS restriction policy

100 / 100 characters

5.6.3 Description of the group of activities

In construction projects municipalities make many strategic decisions at a very early stage and these decisions will affect the further performance of these projects (e.g. non-toxicity, circularity and climate). This GoA concentrates on 3 pilots at a strategic level.

Pilot No.1 investigates and improves the strategic management processes related to construction projects. These processes include, e.g., determination of needs and targets, design process, procurement process, contracting and contract follow-up. To be able to implement a toxfree (circular and climate-neutral) project, the piloting municipalities will manage their construction preparation processes in a new way (vs. old way of implementation). The pilot will test how to integrate new information (e.g. risks of hazardous substances (HS) in materials), different departments (climate, circularity, water, chemicals) and experts (in-house expertise and coordination of the work) into the preparation processes. The strategic pilots will investigate and test how to integrate the toxfree construction approach at the design stage. During the design stage many strategic decisions are made, e.g., which materials are used (facades, roof, insulation, etc.), and if HS reduction targets are not included in this stage, it will be difficult to change materials later.

In Pilot No.2 we will tests how different green/sustainable building standards (e.g., Nordic Swan Ecolabel, DGNB, BREEAM) can help to reduce HS and how easy they are to use. These standards do not automatically limit HS in materials and utilization of standards need testing and adjustments. Pilots will clarify how to do this and feed into the Lithuanian LPTBS standard as example how to advance green building standards by HS aspects (GoA1.2).

In Pilot No.3 the NHC 3-pillar framework for climate-neutral, circular AND toxfree public procurement of construction materials & buildings, developed in GoA1.2, will be piloted. Public procurement is itself a piloted process into which our 3-pillar approach must be integrated. A procurement process includes defining needs, organizing market dialogue, developing a tracking and follow-up process, preparing documents (tender and contract), deciding about criteria and, after the tendering phase, following the fulfilment of contact. Our pilots will tests how this process needs to be adjusted so that the end-result is a toxfree, circular AND climate-neutral building.

The pilots on strategic management processes will use elements of several solutions. They are linked to restriction policies of HS and therefore lean strongly on O1.1., the catalogue of building-related products, on the construction product assessment (e.g. the BVB-system - GoA 1.2) and received information from the substance screening report (O2.1).

Strategic pilots are implemented at partner municipalities PP1, PP2, PP3, PP4, PP5, PP8 and accompanied by expert partners PP7, 9-17.

2,944 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 2.2

Title of the deliverable

Report from strategic pilots: testing procurement, building standards and HS restriction policy

95 / 100 characters

Description of the deliverable

D2.2 will contain the full documentation of pilots undertaken in GoA 2.2. The involved partners will insert their activities into an agreed and harmonized reporting template that enables quantitative and qualitative assessment in GoA 2.5. D2.2 will consist of the activity descriptions of the pilots, description of tested strategic management processes and methods, compilation of quantified results (if any) and documented cases (case profile). It will contain the compilation of answers on the feedback reply forms from interviews among the municipal employees. The best practice cases (selected by the consortium at partner meeting) will be documented in a special chapter and/or "case boxes" that invites WP3, GoA3.2 for a later publication and transfer of best practices and solutions addressing the strategic management processes at municipalities.
The concrete format of the deliverable (of all three deliverables D2.2 - D2.4) will be discussed among the GoA leaders at project start within GoA1.5 (session at kick-off meeting and further virtual working meeting), when the ping-pong between solutions and pilots will be played through to determine the exact reporting and data needs as inputs to the solution outputs of WP1 as well as the evaluation template for assessment of the pilots of GoA 2.5. We anticipate that it is rather a set of spread sheets and a compilation of different facts & figures than a contiguous narrative text.
The elaboration of D2.2 will be led by PP10, the partner municipalities will contribute with their case description and will be supported by the expert partners PP9-17.

1,613 / 2,000 characters

Which output does this deliverable contribute to?

input to O1.2 - strategic management solutions, O2.5 - evaluation of pilots

75 / 100 characters

5.6.6 Timeline

	Period: 1	2	3	4	5	6
WP.2: Piloting and evaluating solutions						
A.2.2: Pilots for strategic management processes: procurement, building standards and HS restriction policy						
D.2.2: Report from strategic pilots: testing procurement, building standards and HS restriction policy						

5.6.7 This deliverable/output contains productive or infrastructure investment

☐

WP 2 Group of activities 2.3

5.6.1 Group of activities leader

Group of activities leader PP 14 - BEF Estonia

A 2.3

5.6.2 Title of the group of activities

Accompanying design & construction of toxfree, circular & climate-neutral municipal buildings

93 / 100 characters

5.6.3 Description of the group of activities

In GoA 2.3 (Pilot No.4) we will accompany design and construction/refurbishment of toxfree, circular and climate-neutral municipal/public buildings in Riga, Stockholm, Västeras, Tallinn and Hamburg (church parish). We will include the following steps:
• Preparation of actual procurement for design: using the existing tools developed in GoA1.3 (guides, data base, fact sheets) and GoA1.1(material catalogue) and adapting to the advanced
procurement criteria worked out in GoA2.2, checking of materials available on the market; cost estimation of materials and decision making
• Market dialog with design/architecture companies: open event and individual communication
• Tendering the design companies for selected criteria, selection of the best offer
• The design of a toxfree, circular and climate-neutral building (or renovation) by the selected designer/architect (including the participation of municipality in designing process to supervise correct implementation of rules
and provide advice)
• Preparation of concrete procurement for construction: use of the existing tools developed in the GoA1.3 (guides, data base of construction products, fact sheets) and the designer's drawings and proposals
• Market dialog with construction companies: open event(s) and individual communication
• Tendering the construction companies for selected criteria, selection of the winner
• The construction of a toxfree, circular AND and climate-neutral building by construction company (including the participation of municipality in designing process to supervise correct implementation of rules and provide
advice).
It might well be that the actual construction process of the building will not take place within the projects lifetime due to time constraints. But the ready criteria will be there and the construction can be executed.
During GoA 2.3, project experts will carry out targeted training sessions for actors in the pilots (training on toxfree construction materials, or on experiences from the other countries for architects, construction engineers) to help to carry out the pilot activities.

As Pilot No.5, all Pilot 4 cases will be obliged to test the products assessment tool BVB (Building Products Assessment data base, GoA 1.3). It provides the possibility to assess the chemical content and lifecycle aspects of building materials that are both recommended and accepted.

The results and lessons learned from the pilots will be documented in the activity report. It will describe the piloted solutions how to deal with a design and construction of toxfree, circular AND and climate-neutral municipal/public building. Special attention will be given to socio-economic questions of costs for our toxfree, circular AND and climate-neutral buildings as this plays an essential role for public bodies and the decision-making on the offer.
Construction pilots are implemented by LP1, PP2, PP3, PP5, PP6, AO3; accompanied by expert partners PP9-17.

2,987 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☑

D 2.3

Title of the deliverable

Report on pilots on design & construction of toxfree, circular & climate-neutral municipal buildings

100 / 100 characters

Description of the deliverable

D2.3 will contain full documentation of all pilots undertaken in GoA2.3. The involved partners will document their activities into an agreed and harmonized reporting template that enables quantitative and qualitative assessment in GoA 2.5. D2.3 will consist of the activity descriptions of the pilots, description of tested construction pilots, compilation of quantified results (if any) and documented cases (case profile). It will contain a reflection on used tools (guides, factsheets, catalogue, BVB database) focusing on hazardous substances, possible water pollution & health impacts; a report on methodology, actions performed, solutions used, results achieved, economic aspects, social benefits, barriers identified, do's and don'ts in construction; an input for revision of technical & practical solutions and the set of information materials elaborated in GoA 1.3 to complete the practical solutions and make them ready for further transfer.
Potential best practice cases (selected by the consortium at partner meeting) will be documented in a special chapter and/or "case boxes" that invites WP3, GoA3.2 for a later publication or get selected for the NonHazCity Building Award in GoA 3.4.
The concrete format of the deliverable (of all three deliverables D2.2 - D2.4) will be discussed among the GoA leaders at project start within GoA1.5 (kick-off meeting, further virtual working meeting), when the ping-pong between solutions and pilots will be played through to determine the exact reporting and data needs as inputs to the solution outputs of WP1 as well as the evaluation template for assessment of the pilots of GoA 2.5. We anticipate that it is rather a set of spread sheets and a compilation of different facts & figures than a contiguous narrative text.
The elaboration of D2.4 will be led by PP14, the partner municipalities will contribute with their case description and will be supported by the expert partners PP9 - 17 and 22.

1,953 / 2,000 characters

Which output does this deliverable contribute to?

O1.3 - set of practical guides and O2.5 - evaluation of pilots

62 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: Piloting and evaluating solutions						
A.2.3: Accompanying design & construction of toxfree, circular & climate-neutral municipal buildings		■	■	■	■	
D.2.3: Report on pilots on design & construction of toxfree, circular & climate-neutral municipal buildings					■	

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 2 Group of activities 2.4

5.6.1 Group of activities leader

Group of activities leader PP 17 - Ecodesign Competence Centre

A 2.4

5.6.2 Title of the group of activities

Accompanying private house design & construction and DIY renovations by inhabitants

83 / 100 characters

5.6.3 Description of the group of activities

In GoA2.4 we will accompany design & construction of toxfree, circular AND and climate-neutral private houses (Pilot No.6) as well as DIY renovations (Pilot no.7) by residents in Riga, Stockholm, Hamburg and Vilnius. By accompanying actual design & building processes we will on the one hand be able to test our practical guides and tools at a microlevel of inhabitants (especially if they are easy to understand and implement), on the other hand we will have a very good source for feeding our consumer campaign in GoA 3.3 with "data from real life". Similarly to getting evidence from accompanying the design and construction of public buildings, we will also here gain trust and arguments for a change towards sustainability in construction, meaning toxfree, circular AND climate-neutral buildings.

GoA2.4 will be implemented in the following steps:
• Setting up a working group among the project experts who will work on the pilots
• Developing the exact task tasks and the specific methodology for selection and implementation of the pilots, using solutions from WP1 (GoA 1.1. material catalogue and GoA1.3 assessment of construction products
(e.g., BVB and/or BASTA system), DIY renovation guide, fact sheets for construction companies) and agree on data needs pilot project evaluation, develop feedback reply forms for the actors
• Develop a communication strategy targeting house owner/investors, flat owners and inhabitants, as well as architects, construction workers and society (and GoA 3.3)
• Recruitment of the pilot projects - our architect partners PP20 and PP6 will select projects in Latvia (Riga metropolitan region) and Hamburg; in Stockholm and Vilnius we will solicit volunteers among
architects/projects and their owners.
• Additionally, we will recruit 5-10 volunteers to test the DIY for their planned flat/house renovations.
• Accompanying the construction projects, exploring options for receiving sufficient information about HS in the foreseen/selected construction materials, collecting data on materials used, giving
advice and ad hoc training, if appropriate, making proposals for solutions
• Accompanying the DIY renovations by a starting info day (virtual) for the local group, followed by 2-3 face-to-face seminars including a visit to a local construction material market, potentially a visit to one of the
renovation sites;
• answering questions bilaterally by emails or phone

The results and lessons learned from the pilots will be documented in the activity report. It will describe the piloted solutions how to deal with a design and construction of toxfree, circular AND and climate-neutral private house building and DIY renovations. FAQs will be collected and used to fine-tune the DIY guide and fact sheets for construction businesses (GoA 1.3)
The pilots are implemented by PP2, PP6, PP13, PP16, PP17, PP20.

2,898 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 2.4

Title of the deliverable

Report from the pilots on private house design & construction and DIY renovations by inhabitants

96 / 100 characters

Description of the deliverable

D2.4 will contain a full documentation of pilots undertaken in GoA2.4. The involved partners will insert their activities into an agreed and harmonized reporting template that enables quantitative and qualitative assessment in GoA 2.5. D2.4 will contain a reflection on used tools (DIY guide, factsheets, catalogue, BASTA database) focusing on hazardous substances, possible water pollution & health impacts; a report on methodology, actions performed, solutions used, results achieved, economic aspects, barriers identified; and give input for revision of the set of information materials elaborated in GoA 1.3.
D2.4 will produce valuable information and documentation as well as FAQs for the awareness raising campaign in GoA 3.3. It will contribute with stories and illustrations from the cases to the campaign.
Potential best practice cases (selected by the consortium at partner meeting) will be documented in a special chapter and/or "case boxes" that invites WP3, GoA3.2 for a later publication and transfer of best practices and solutions addressing concrete construction issues or get selected for the NonHazCity Building Award in GoA 3.4.

The concrete format of the deliverable will be discussed among the GoA leaders at project start within GoA1.5 (kick-off meeting, further virtual working meeting), when the ping-pong between solutions and pilots will be played through to determine the exact reporting and data needs as inputs to the solution outputs of WP1 as well as the evaluation template for assessment of the pilots of GoA 2.5. We anticipate that it is rather a set of spread sheets and a compilation of different facts & figures than a contiguous narrative text.
The elaboration of D2.4 will be led by PP17 with contributions from PP13,16, 20.

1,765 / 2,000 characters

Which output does this deliverable contribute to?

O1.3 - set of practical guides and O2.5 - evaluation of pilots

62 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: Piloting and evaluating solutions						
A.2.4: Accompanying private house design & construction and DIY renovations by inhabitants						
D.2.4: Report from the pilots on private house design & construction and DIY renovations by inhabitants						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 2 Group of activities 2.5

5.6.1 Group of activities leader

Group of activities leader PP 9 - Swedish University for Agricultural Sciences (SLU)

A 2.5

5.6.2 Title of the group of activities

Synthesis and evaluation of pilots

34 / 100 characters

5.6.3 Description of the group of activities

Based on the evaluation criteria defined in GOA 1.5. we will evaluate and assess the pilots developed in this project. All information will be collected using standardized templates to facilitate qualitative and quantitative analysis of findings. The evaluation process is linked to the schedule of the pilots. Key experts of the activities are PP9 (lead of GoA 2.5) and PP14 (WP2 lead) as well as the leaders of GoA 2.1 (PP2), GoA2.2 (PP10) and GoA 2.4 (PP17). All partners acting in the pilots will be involved in their evaluation process.

While the pilots identified in GoA 2.2, 2.3 and 2.4 are executed, we will monitor all phases of progress and identify any challenges that the project partners and stakeholders are facing during the deployment of the pilots. We focus on indicators identified in GoA 1.5, specifically targeting:
(i) use of items, articles and materials with non-toxic, climate neutral or circular properties as identified in GoA 1.1 (GoA 2.3, 2.4).
(ii) current use of items, articles and materials that could be substituted with those identified in GoA 1.1 (GoA 2.3, 2.4)
(iii) organizational changes undertaken to achieve “chemical smart” municipal management of construction materials and building sites (GoA 2.2)
(iv) compliance with technical and practical solutions identified in GoA 1.3 (GoA 2.2, 2.3 & 2.4)

Furthermore, we will assess the overall environmental performance and effectiveness of the NHC3 project.

Our benchmarking will compare the different criteria for achieving the ecological and social targets across the pilots and condense the Dos and Don’ts for the replicability, scalability, and transferability of the pilots in WP3.

GoA2.5 will identify the synergies between all the pilots, making evident their link to the main focus of the project - toxfree/Chemical-Smart, circular AND climate-neutral construction materials and buildings, all of which contribute to Priority 2.1 of the INTERREG BSR programme, Sustainable Waters. It will help an efficient dissemination by considering the needs of its target groups and prepare the ground for transfer beyond the project consortium to a wider target audience of municipalities, construction business stakeholders and the society.

2,230 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 2.5

Title of the output

Best practices of NonHazCity pilots on toxfree, circular and climate-neutral buildings in BSR cities

100 / 100 characters

Description of the output

The output will be include (i) synthesis and analysis of the submitted reports from GoA 2.2, 2.3 and 2.4, (ii) evaluation of pilots according to the goals and methods set in GoA 1.5, pinpointing changes, refinement of solutions, comparative assessments of, e.g., municipalities and countries throughout the BSR and (iii) a focus on implications of adoption of best practices on receiving water quality.

Evaluations included in the output will include the following for all pilots: (i) an assessment of which alterations municipalities will have to make to management processes when integrating tox-free/Chemical Smart approach to implementation of construction projects (ii) assessment of solutions including chemical smart construction procurement, green building standards and hazardous substances elimination (environmental targets achieved, economic aspects, barriers identified, do's and dont's) and (iii) inputs tor GoA 1.2 and O1.2 to complete the strategic solutions and make them ready for further transfer.

Throughout, the deliverable will highlight the connection between decisions made about the purchase, use, management and disposal of building materials and consequences for receiving waters including the Baltic Sea.

1,234 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project).	All municipal partners acting in the pilots will be involved in evaluation process of pilots and will use the evaluation report and the described Dos and Don'ts to implement the solutions an effective manner. We will consider the needs of this target group and prepare the relevant information for transfer beyond the project consortium to a wider target audience of municipalities in BSR and beyond. 400 / 1,000 characters

Durability of the output

O2.5 will be disseminated as one of the main NonHazCity3 output for PPs, AOs and other stakeholders involved in the project activities. The main dissemination takes place through multiple levels and digital media on the project INTERREG website as well as on the "Think before you buy!" website (https://thinkbefore.eu/). The environmental expert and university partners in each partner country (PP9-17) have long-term experiences in implementing the solutions together with relevant stakeholders, including municipalities. These partners will act as multipliers and continue using and disseminating of the solutions after the end of the project on the BSR level and national levels.

683 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: Piloting and evaluating solutions						
A.2.5: Synthesis and evaluation of pilots						
O.2.5: Best practices of NonHazCity pilots on toxfree, circular and climate-neutral buildings in BSR cities						

5.6.7 This deliverable/output contains productive or infrastructure investment

☐

Work package 3

5.1 Transferring solutions

5.2 Aim of the work package

In Work Package 3, communicate and transfer the ready solutions to your target groups. Plan at least one year for this work package to transfer your solutions to the target groups, considering their respective needs. Select suitable activities to encourage your target groups to use the solutions in their daily work.
Organise your activities in up to five groups of activities. Describe the deliverables and outputs as well as present the timeline.

5.3 Work package leader

Work package leader 1 PP 13 - BEF Germany

Work package leader 2 PP 18 - World Future Council Foundation

5.4 Work package budget

Work package budget 20%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project). 493 / 500 characters	Municipalities will be invited to the trainings of GoA 3.1, international seminars, NGO conference. The training programme worked out in the project for supporting municipalities by particularly building the capacities of relevant staff (municipal officers from different departments: environment, housing & construction, public health) will be made available for other municipalities via our partner and associated partner networks in the BSR: Union of the Baltic Cities, Coalition Clean Baltic, Green Building Councils and internationally recognized research Institutes. 573 / 1,000 characters
2	Infrastructure and public service provider Municipal construction companies, public housing companies and water companies in charge of construction, house management, hazardous waste management and water monitoring. Target group is any municipal construction or public housing company, water company of the BSR. 268 / 500 characters	Municipal construction companies need also the capacity building in chemical-smart buildings and management of construction places and we will engage them via our municipalities by providing them our technical guidance. 219 / 1,000 characters
3	Business support organisation Consultants, Green Building or Sustainable Building councils or associations, trade organizations, construction engineering faculties of universities and professional education entities from SE, FI, EE, LV, LT, PL, DE, DK - the location of the entity does not play any role - they offer their services to the construction sector actors in the project locations and beyond. Representatives of this target group are PPs, AOs from 428 / 500 characters	Green Building Councils in our partner countries (EE, LV, SE, FI) will be multipliers of our capacity building guidance via their networks 138 / 1,000 characters

	Target group	How do you plan to reach out to and engage the target group?
4	Small and medium enterprise Design, architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials. The location of the enterprise does not play any role, they would be acting in the projects pilot municipalities and target countries. Representatives of this target group in the project come from Germany. Latvia, Sweden and Finland. 387 / 500 characters	Construction stakeholders like architecture and construction bureaus, service providers managing construction works and construction sites, suppliers of construction materials will be reached via our municipal partners and their networks. We will made the available all our practical and technical solutions worked out in the project. 335 / 1,000 characters
5	Interest group Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR. 447 / 500 characters	Capacity building of environmental NGOs on the topic of chemical safety in construction and interlink between climate-neutrality, circularity and toxicity of building materials & buildings is important as they are the multipliers of information to the society and to municipalities and bring outputs and findings from NHC3 to international level. They will benefit from all info materials and training module. They need knowledge and skills on public communication in this area and project will engage them via our project partners (PP13-19) networks. 552 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
3.1	**Capacity building at municipalities**
3.2	**Transfer of solutions by international networking**
3.3	**Awareness raising campaign for inhabitants of any city in the Baltic Sea Region**
3.4	**The NonHazCity Building Award**
3.5	**Transfer of NHC3 findings from local to national and EU level**

WP 3 Group of activities 3.1

5.6.1 Group of activities leader

Group of activities leader PP 18 - World Future Council Foundation

A 3.1

5.6.2 Title of the group of activities

Capacity building at municipalities

35 / 100 characters

5.6.3 Description of the group of activities

The GoA3.1 focuses on supporting municipalities by particularly building the capacities of relevant staff (municipal officers from different departments, e.g., environment, housing & construction, public health, consultants) with the help of the training programme that has been developed in GoA1.4. In GoA 1.4 the existing NonHazCity training programme (from NHC2, at PP1 RCC) will be further developed and expanded with different modules on sustainable construction materials and construction process management featuring the three tenets of our project focus: Toxfree/ChemicalSmart, circularity and climate-neutrality. Moreover, a mapping of the specific target group(s) of these new training modules (public entities, professional actors) will take place.

In a first step of GoA 3.1, new modules developed in GoA1.4 will be tested with different target groups in the first months of period 4. During the test runs stakeholders' inputs and feedback will be collected. The feedback and inputs from organizers of the capacity building activities as well as participants (municipal officers, architects, consultants, associations etc.) on the test trainings will be used to refine, revise and finalize the training programme by the end of period 4. In period 5 the launch of the tested training modules for wider use will take place (with the help of UBC - AO4). Communication efforts will be made to inform the target audiences, with the help of media work by PP18 (articles, etc.). The validated and tested modules will be published on the NonHazCity website hosted by PP1 RCC where they will be freely available to everyone in the BSR and beyond.

In a next step during periods 5 and 6, municipality and expert project partners will carry out capacity building using the expanded training programme. The capacity building activities will comprise a series of training courses for different target audiences, e.g., municipal staff. In the Western BSR, capacity building will focus more on practicing and improving market dialogues (we are not only transferring knowledge, but also the approach - how you do it). In the Eastern BSR more learning-like training will be offered. Municipality & expert project partners will utilize the capacity building concept and the stakeholder mapping elaborated in WP1 to pro-actively approach the relevant actors in their respective languages. Project partners will receive guidance from the overall GoA leader World Future Council Foundation (PP18), who will coordinate the timetable and event promotion, draft a training event programme, and suitable communication materials. Individual capacity building events will be organized by municipality project partners who will customize training materials to local conditions. With this help, participating municipality & expert project partners from across the BSR could organize up to 2 live training sessions in year 3, whereby we plan to reach a total of 240 people (~15 people / session).

2,996 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable

O 3.1

Title of the output

Built capacities at municipalities and a tested training programme

66 / 100 characters

Description of the output

The output 3.1 is twofold.

Firstly, it consists of substantial refinements and improvements to a tested training programme on hazardous substances. The new training programme has been expanded by different modules on sustainable construction materials and construction process management featuring Toxfree/ChemicalSmart, circular and climate-neutral approaches. Thanks to the feedback and inputs from the different target groups (e.g., municipal officers, consultants, etc.) during the capacity building test activities, the training programme will have been finetuned and finalized. In particular, the course will be refined in two versions: both development proposals for the English version and specific adaptations for the versions in national languages. An internal report on testing of the specific training course in each of the municipalities and deducted proposals for refinement and adaptation will be written. Thereafter the finalized training modules will be launched and published at the NonHazCity website hosted by PP1 RCC. There it is available for free to everyone in the BSR and beyond, for didactic teaching and autodidactic learning, on- and offline. Communication efforts will be made to inform the relevant target audiences.

Secondly, it consists of the newly built capacities of about 240 municipal staff from across the whole BSR, who will have received training on hazardous substances, procurement, sustainable construction materials and construction process management, and who now have got an improved understanding of how they can reduce hazardous substances in their daily work, who have good knowledge about the available tools (guidance, fact sheets, check lists, etc.) as well as contacts with experts that can provide advice and accompany them in the application of that understanding and knowledge.

1,840 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project).	The target group of the output is staff at the municipal administration and (any) municipal entities: they shall receive the training and participate in the courses in GoA3.1 within the qualification programmes that are available for them in their municipalities. The first and direct target group is the staff of those municipalities participating in the project, however, the modules/materials shall be made available for other municipalities, too. 450 / 1,000 characters

Durability of the output

On the one hand, about 240 people from different municipalities in the different project countries, who have underwent a training on hazardous substances, procurement, sustainable construction materials and construction process management, have acquainted knowledge and built their capacities to apply the in their daily work. Furthermore, the training programme participants are precious multipliers, who will recommend the training to their peers, via personal talks, emails, social media, website, etc. Hence they mark just the beginning of a broad training impetus.

On the other hand, the expanded and tested training programme has been finetuned thanks to the inputs from the different target groups. It will be published at the NonHazCity website hosted by RCC - PP1, where it is available for free to everyone in the BSR and beyond, for didactic teaching and autodidactic learning, on- and offline. Communication efforts will ensure that target audiences are aware about it.

992 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: Transferring solutions						
A.3.1: Capacity building at municipalities						
O.3.1: Built capacities at municipalities and a tested training programme						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 3 Group of activities 3.2

5.6.1 Group of activities leader

Group of activities leader PP 13 - BEF Germany

A 3.2

5.6.2 Title of the group of activities

Transfer of solutions by international networking

49 / 100 characters

5.6.3 Description of the group of activities

International cooperation is the key of success of each international project. It will guarantee the transfer of solutions to new target groups and widen the application of the NonHazCity toxfree, circular and climate-neutral construction concept and make use of all outputs: catalogues of construction materials and related construction product assessments, policy instruments, chemicals management guidance's, and information materials.

We aim at facilitating the transfer of the project solutions at the Baltic Sea regional, international and national level and to network with governmental and nongovernmental organizations that are in charge of chemicals risk management, water quality, Green Building standards and/or circularity issues in construction. We want to enhance the cooperation in the Policy Area Hazards (water and hazardous substances), by reducing hazardous substances in construction materials and emissions from it. This involves transnational experience exchange, sharing of good practices and solutions about the management of construction materials and construction sites at municipal entities.

International networking is a learning from each other – we strongly promote our solutions and the approaches to chemical smart, circular and climate-neutral construction. We showcase our good practices and solutions in BSR area and beyond. We will arrange 3 international workshops (Helsinki, Stockholm, Berlin) and the final conference in Riga to meet these objectives. The workshop programmes will be accompanying the stage of project progress: at the first WS we will discuss hazardous substances in building materials, the potential clash of interests between toxfree, circular and climate-neutral and how to get good information on construction materials. At the second workshop we will look at the starting point of a building process: procurement of design and construction. At the third workshop we will look at the construction itself, what can go wrong ("workshop on classic mistakes"), how to properly manage construction sites and do a first step towards policy recommendations. And at the final conference we will show case our best practice cases and get the final policy recommendations to participants.

For dissemination and transfer of our solutions we can rely on important networks of the Baltic Sea region such as Union of the Baltic Cities, Coalition Clean Baltic, Green Building Councils and internationally recognised research Institutes. Furthermore, the environmental NGOs as partners (Baltic Environmental Forum of Germany, Estonia, Latvia, Lithuania, EcoDesign Competence Centre, ECAT Lithuania) are multipliers of information to the society and to municipalities.

We are confident that by this proactive international and national networking we will get attention and interested parties to use the materials, tools and solutions developed by NonHazCity 3.

2,911 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 3.2

Title of the deliverable

Summary of international workshops´ documentation: discussion papers and reports

80 / 100 characters

Description of the deliverable

D 3.2 will be a compendium of the documentation of the international events of the project. We will provide a background document for each workshop (to prepare the participants and guarantee a good thematic preparation) and write a report in which we will describe the results of discussions, inputs by external participants, their feedback to our solutions, outputs and recommendations.

We will present in the deliverable our three level solutions: strategic solutions for management procedures of construction and buildings (recommendations, policy instruments, standards); practical/technical solutions for construction (technical guidance, building experiences); communication & education solutions (knowledge campaigns, training). And we will present our concept for designing and construction of tox-free, circular and climate-neutral municipal or private buildings and its link to reduction of emissions of hazardous substances from construction materials, buildings & construction sites to protect the (aquatic) environment in BSR.

The deliverable will be an electronic document (in English) and can be downloaded from the INTERREG website also after project end.

1,174 / 2,000 characters

Which output does this deliverable contribute to?

Actually all outputs contribute to this deliverable - then will be presented at the workshops

93 / 100 characters

5.6.6 Timeline

	Period: 1	2	3	4	5	6
WP.3: Transferring solutions						
A.3.2: Transfer of solutions by international networking						
D.3.2: Summary of international workshops´ documentation: discussion papers and reports						

5.6.7 This deliverable/output contains productive or infrastructure investment

☐

WP 3 Group of activities 3.3

5.6.1 Group of activities leader

Group of activities leader PP 19 - Coalition Clean Baltic

A 3.3

5.6.2 Title of the group of activities

Awareness raising campaign for inhabitants of any city in the Baltic Sea Region

79 / 100 characters

5.6.3 Description of the group of activities

The public awareness raising campaign is planned based on the need to draw attention of public, and civil society to issues of chemical safety in buildings/construction, on the crucial interlink between climate-neutrality, circularity AND TOXICIY of building materials & buildings and putting this issue on Baltic Sea Regional agenda. The campaign will include a structured social media and SEO strategy, and the support and collaboration of many NGOs in various cities around the Baltic Sea, including those who are the members of the Coalition Clean Baltic (PP 19). The aim is to reach wider target audiences in the Baltic Sea Region to better promote the concept of chemical safety in construction, raise awareness and exchange of knowledge, and maximise the impact through engaged and active citizens, NGOs and stakeholders. The cooperation of CCB members, and other NGOs and project partners will help to achieve an effective outreach on the topic in the Baltic Sea region. Important task of the campaign is to share the specific solutions, related to chemicals in construction, originated from pilots in WP1/WP2.
Thematic campaign enhanced online presence – through NGO websites, social media channels - as well as educational activities and offline events, will boost the general public's awareness on sustainable construction/building topic. Developed awareness-raising tools for various social networks, and messengers (Facebook, Instagram, TikTok, Telegram), as well as educational materials for various public places in cities in the Baltic Sea region will represent a key component for the awareness-raising campaign.

Among additional activities of the campaign there will be a regional NGO conference, focusing on capacity building of NGOs on the topic of chemical safety in construction and the crucial interlink between climate-neutrality, circularity AND TOXICIY of building materials & buildings, including knowledge and skills on public communication.
The project will also support a number of other awareness-raising tools, including educational online courses for cities inhabitants on application of safe construction materials (based on the DIY guide developed in GoA 1.3), and promote wide use of the DetoxED app.

The Campaign will be coordinated by CCB (PP19), and will be supported by CCB member organizations, and other NGOs in the project countries. The NHC partner NGOs PP13-17 will play a proactive role in preparation of the campaign and broadcast also on their own Social Media channels. The research partners will support the campaign with their knowledge in form of blog texts and background information, (prominent) representatives from the partner municipalities will potentially be interviewed or support the campaign with official contributions from the Social Media accounts of their organisations.

2,846 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable

☐

O 3.3

Title of the output

General public in the Baltic Sea region raised awareness about issue of chemical safety&buildings

97 / 100 characters

Description of the output

The output is based on solutions prepared and adjusted in the project and used for awareness raising campaigns.
The output will contain:
a) set of educational materials, based on project results in WP1&2 for wider public. The materials will be adopted for online and offline usage. Materials will be adapted and translated into local languages for effective use in various cities around the Baltic Sea
b) set of materials for direct or indirect communication with public and how to use it
c) set of materials to raise capacity of environmental NGOs in BSR
The environmental NGOs and other interest groups can use this in their communication work.

649 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Interest group Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR.	Inhabitants of cities will apply the information about safe materials and construction processes in their daily life by choosing safer alternatives wherever possible, and demanding advanced practices from construction companies, and relevant local authorities. Environmental NGOs will apply the output in the educational and communication work with public, and in their relations with local authorities. 406 / 1,000 characters

Durability of the output

Continuation of public awareness raising on the topic of chemical safety&construction will be organized by CCB, BEF, and other NGOs as a part of their regular operation.
Educational materials developed within the project will remain available in various informational resources, including web-sites of municipalities and NGOs and the NonHazCity platform.

354 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: Transferring solutions						
A.3.3: Awareness raising campaign for inhabitants of any city in the Baltic Sea Region						
O.3.3: General public in the Baltic Sea region raised awareness about issue of chemical safety&buildings						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 3 Group of activities 3.4

5.6.1 Group of activities leader

Group of activities leader PP 18 - World Future Council Foundation

A 3.4

5.6.2 Title of the group of activities

The NonHazCity Building Award

30 / 100 characters

5.6.3 Description of the group of activities

With the NonHazCity Building Award that celebrates the best building solutions protecting people and the environment from hazardous substances, project partners aim to reach broad media coverage and to thereby reach out to and sensitize our target audiences.

In order to achieve this aim, single steps of this group of activities will include the elaboration of an expert list (building on the stakeholder list developed in WP1), the setup of award coordination group (PP18, PP1, PP5, PP13, PP14, PP15), the elaboration of the call for nominations, its launch (at Tallinn event 2023 - hosted by PP5 and prepared by PP14) and circulation, the screening, research and evaluation of nominations (solutions piloted in WP2 could potentially run for the Award), the organization of the award jury (e.g. EU association of construction, Green Building association, NHC3 WP and GoA leaders), jury meeting and selection of the winners, the development of a communication campaign that includes the winners media release and the production of different information materials, including a brochure/fact sheet(s), film(s), in depth article(s), blog post(s) as well as social media posts, the organization of the Award Ceremony in Riga 2025 (hosted by RCC - PP1), the organization of online webinar(s)/exchange(s) with experts presenting/discussing winners and nominees in more depth, and the cooperation with other city organisations like UBC, ICLEI and the associations of local authorities of the Baltic Sea Region countries.

The output of this group of activities are the best building solutions making construction materials and buildings climate-neutral, circular AND TOXFREE. Suitable information materials about them will be produced, such as brochure/fact sheet(s), film(s), but also webinar(s) and expert exchange(s) in English. The NonHazCity Building Award will outreach and work across the entire BSR region and countries, engage stakeholders and experts of the project's target groups directly in the call for nominations, spreading information about the winners, involving them in webinar(s) and expert exchange(s). With the high-level NonHazCity Building Award Ceremony, our media work and personal outreach, we encourage our target groups to learn from the awarded solutions and integrate lessons learnt in their daily work. By organizing webinar(s) and by offering experts exchange(s) we help representatives of our target groups to adopt / adapt similar solutions.

2,485 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 3.4

Title of the output

The NonHazCity Building Award: The best building solutions protecting from hazardous substances

95 / 100 characters

Description of the output

The output of the NonHazCity Building Award will consist of the best building solutions protecting people and the environment from hazardous substances from BSR region. Whilst target groups are far too often overwhelmed by the complexity of HS challenges faced, these best practice solutions show the way. Suitable information materials such as brochure/fact sheet(s), film(s), in depth article(s), etc. will be produced, and target groups will get to know about these practical examples thanks to them. In online webinar(s) and expert exchange(s) they can exchange with the people behind these solutions, learn about how it has been realized and which challenges were overcome already, and can therefore retrieve valuable lessons from these exemplary solutions which can teach them practically how to proceed and how they can integrate HS protection into their daily work. The output consists hence of the awarded solutions that are presented in form of brochure/fact sheet(s), film(s), article(s), blog post(s), webinar(s) and expert exchange(s) in English so that target groups globally can draw inspiration from it/them.

1,129 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project).	The target group of the output is personnel at the municipalities and (any) municipal entities: By learning about best practice solutions and getting to know the people behind these solutions, they can learn from, and with, their peers. The staff of those municipalities participating in the project will be approached directly and we plan considerable communcation and outreach efforts in order to reach other municipalities in BSR region. 441 / 1,000 characters
Target group 2 Interest group Civil Society representatives (sustainability, health, environment), interest groups (house owner/renters unions), associations of local authorities and/or construction business and the society at large in person of inhabitants or users of the buildings. The project will address residents from the project partner cities and for its wider awareness campaign in the whole Baltic Sea Region. The project address also all environmental NGOs in BSR.	Civil society organizations and interest groups are the second target group of the output: With best practice solutions at hand, they can more effectively approach local public authorities and other stakeholders to raise awareness of the importance of this issue and they can underline that such changes are not just theory but are becoming already practice elsewhere. With our communcation and outreach efforts we plan to reach this target group in the BSR region. 467 / 1,000 characters

Durability of the output

The World Future Council (PP21) and NonHazCity Project partners will continue to showcase the awarded solutions that are presented in form of brochure/fact sheet(s), film(s), article(s), blog post(s) and webinar(s) on their websites and social media channels. In general, we aim to continue our work on this important topic and pursue more follow-up activities, however this is dependent on external funding. The first edition of the NonHazCity Building Award could provide a good basis a. for setting up a longer term cooperation in order to highlight chemical-smart buildings also beyond 2025, and b. for mainstreaming the developed criteria and the lessons learnt into existing awards that so far are not paying attention to hazardous substance protection.

764 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: Transferring solutions						
A.3.4: The NonHazCity Building Award						
O.3.4: The NonHazCity Building Award: The best building solutions protecting from hazardous substances						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 3 Group of activities 3.5

5.6.1 Group of activities leader

Group of activities leader PP 21 - German Environment Agency

A 3.5

5.6.2 Title of the group of activities

Transfer of NHC3 findings from local to national and EU level

61 / 100 characters

5.6.3 Description of the group of activities

The need to develop a non-toxic construction sector has been in focus in Sweden from the early 2000s when the national environmental objective for a non-toxic environment was first defined. This was the start of BASTA and Byggvarubedömningen (BVB) systems in Sweden (GoA 1.3). Now the non-toxic environment goal has also become part of the EU Zero Pollution Ambition (ZPA). There non-toxic construction is addressed in two flagship activities: facilitating zero pollution choices and showcasing zero pollution solutions for buildings. In GoA 3.5 we will translate the results of NHC3 into practicable options for action for EU and national policy makers for implementation of the ZPA goals in the construction sector.
In this activity it will be important to seek synergies beyond the Zero Pollution Action Plan and the Chemicals Strategy with the current construction and product related EU initiatives such as the Renovation Wave, the New European Bauhaus, the revision of the Construction Products Regulation, LEVEL(S), EU Ecolabel, Green Public Procurement, Ecodesign Regulation, and the Circular Economy Action Plan and to network with the stakeholders involved in these activities. Especially from the point of view of manufacturers and construction companies it would be helpful, when the same guidance for zero pollution products would apply cross-sector. Therefore, the activity will bring the results of NHC3 into the attention of the EU policy makers and make suggestions for cross-sector solutions. A first step will be to identify the interested stakeholders and create a mailing list to facilitate interactive networking. The network will be activated to create together,in a European workshop, recommendations that answers the needs of a non-toxic construction under the policy framework of the European Green Deal.
To enable a detox-transformation of the construction sector at members state level it is crucial to identify the involved decision makers and authorities at different levels of national administrations beyond municipalities. In this activity we will map the legal and administrative provisions guiding building and planning in the partner countries and describe the processes, how the provisions are drafted and updated. As a second step we will the reach out to the competent experts and authorities to get feedback on our recommendations in an iterative process in a European workshop before finalising our recommended action options. The delivered outputs should become a useful tool for detoxing the design and construction of new buildings as well as energetically needed renovations and retrofits for the time span 2025 – 2030. As an implementation outcome we expect that all renovations, retrofits and new buildings in the Baltic Sea Region will be carried out according to the NHC3 recommendations by 2030 at the latest.

2,859 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 3.5

Title of the output

Policy recommendations for toxfree construction - from local best practice to national policy making

100 / 100 characters

Description of the output

The output consists of report with policy recommendations and European workshop that presents the findings of the project to the competent authorities.
OUTPUT 1: REPORT WITH POLICY RECOMMENDATIONS
To transfer the NHC3 findings from local to national and EU level our policy recommendations are fitted into a sector-cutting framework for the work on hazardous substances. In the draft report, based on our findings from WP 1 and WP 2, we will present firstly the best practice solutions for how materials should be chosen and used to have a minimal environment and health negative impact and secondly how this best practice can be implemented in regulations and administrative provisions beyond the municipality level. Also, the design of buildings in a way that will support reducing pollution from, in and around buildings will be covered using the outputs of WP 1 and WP 2. The report should enable and encourage both public and private sector operators to make 'zero pollution pledges' to promote buildings and construction products proven to be less polluting over their whole life cycle, making them climate-neutral, circular AND TOXFREE.
The report provided shall also highlight the digital implementation of the database solutions developed in GoA 1.3 in the context of existing initiatives such as logbooks or building passports intending to save information regarding contained substances for future retrofits and renovations. Recommendations concerning the feasibility and implementation of building level digital solutions for chemical data will be drawn up on the basis of our results.
OUTPUT 2: EUROPEAN WORKSHOP ON IMPLEMENTATION
The draft report with policy recommendations will be presented and discussed in a European workshop in the Bauhaus town Dessau or in Berlin. Stakeholders presenting construction-related EU initiatives, national building authorities, and private sector builder-owners will be invited as panellists to make sure that the output will get attention in the relevant target groups. The provided guidance and recommendations should enable all interested stakeholders to design, procure and build with construction products that will reduce air, water and soil pollution to levels no longer considered harmful to health and natural ecosystems.
The European workshop will focus on implementation of the outputs created in NHC3 in practise. The goal is to convince national stakeholders to use the recommendations provided and find solutions for making following core guidance mandatory, especially for the public sector. In many cases national legislation for planning and building includes provisions saying that materials used for construction should not harm the environment or human health. Often, more specific rules are missing. Therefore, the finalised report of GoA 3.5 will provide, based on the results of the workshop, models and examples of possible specific rules for national implementation. These are intended as inspiration for all decision makers.

2,999 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local authorities' construction and housing departments are in charge of construction, environmental departments of pollutions risk reduction, circularity and climate neutrality of building sector. Representatives of this target group come from Latvia, Estonia, Sweden, Finland, Denmark. More municipalities in BSR will be targeted through transfer actions. National authorities responsible for water protection and GPP also belong to this target group (UBA from DE as partner in the project).	Actually, we need to address both, Local Authorities and National authorities, who shall have a dialogue in this GoA - however, there is no option for a 6th target group that becomes prominent in one GoA - like here, the national authorities. We will bring them together in the international workshop to discuss how the NHC3 findings can reach the daily work of national authorities and make them listening to the experience at local level. Jointly they shall contribute to the guidance document and feedback it. The guidance document - the final synthesis of the project bringing the findings from local implementation level to national policy and legal frame making level - shall give input to national authorities for policy take-up and to local authorities for bringing in their cases into national policy making, getting their voice to be heard. 850 / 1,000 characters

Durability of the output

The policy recommendations will be transferred to the national authorities and European Commission institutions and, hopefully, result in an uptake into policy shaping. We see the project and the final recommendations as a contribution to implement the new EU Chemicals Strategy for Sustainability and the Zero pollution action plan as well as circularity action plan. With our recommendations being quote at EU level and national level we would consider it being a policy uptake and an indicator of durability of the output.

525 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: Transferring solutions						
A.3.5: Transfer of NHC3 findings from local to national and EU level						
O.3.5: Policy recommendations for toxfree construction - from local best practice to national policy making						

5.6.7 This deliverable/output contains productive or infrastructure investment

6. Indicators

Indicators

Output indicators				Result indicators		
Output indicators	**Total target value in number**	**Project outputs**	**Please explain how the solution presented in this output serves the target group(s).**	**Result indicator**	**Total target value in number**	**Please explain how organisations in the target groups within or outside the partnership will take up or upscale each solution.**
RCO 84 – Pilot actions developed jointly and implemented in projects	7	N/A	N/A	**RCR 104 - Solutions taken up or up-scaled by organisations**	7	The project will present 10 solutions (5 strategic and 5 practical ones presented in O1.2 and O1.3) prepared and tested in 7 pilot activities by 15 PPs and 10 AOs. PP and AO municipalities will apply our strategic solutions for managing procedures for construction materials and sites at municipal entity. They will advancing their GPP practices in preparation and development stages. The NHC 3-pillar framework for climate-neutral, circular AND toxfree public procurement of construction materials & buildings will become an important management solution for municipalities in Baltic Sea Region (PP, AO and other municipalities). Our proposal for a HS & circularity chapter at green building standards can help construction companies to reduce hazardous substances at strategic level, too. Our Best Practice collection and the NHC Building Award of toxfree, circular and climate-neutral buildings in BSR will function as shining examples for strategic and practical decisions that need to be made about the purchase, use, management and disposal of building materials. Our Building Products Assessment Tool - BVB - will provide information about the chemical content and lifecycle aspects of building materials that are both recommended and accepted. It will be taken up by municipalities and other relevant stakeholders in BSR (designers, architects etc) as important source for their future choice of building material. Addressing residents of the BSR (and beyond) with our solution how to do proper design and construction of toxfree, circular and and climate-neutral private houses will actually give direct advise to the residents involved in the pilot, but it will also create awareness and a bigger market for future: residents, public housing companies, architects will benefit from this. Advising DIY renovations for toxfree, circular and climate-neutral home will help individual participants of the pilot and become upscaled in the awareness campaign of GoA 3.3. 1,980 / 2,000 characters
		O.1.2: Strategic solutions for managing procedures for construction materials and sites at municipal entity	O1.2 presents 5 strategic solutions: enabling framework conditions for management procedures of toxfree, circular and climate-neutral construction at municipalities, the NonHazCity 3-pillar approach to GPP, guidelines for proper supply chain communication, a proposal for a chapter on hazardous substances & circularity aspects in sustainable building standard, and a market dialogue strategy for communication with the construction stakeholders. Partner municipalities will use these strategic solutions for advancing their framework conditions and GPP rules and adjusting them so that the end-result is a toxfree, circular and climate-neutral building. We plan to disseminate the strategic solutions in the Baltic Sea Region (e.g. members of the Union of Baltic Cities). Green Building Councils can use the solutions in their work with municipalities (construction materials and sites). 889 / 1,000 characters			
		O.1.3: The NonHazCity set of practical guides for sustainable construction and construction materials	O1.3 presents 5 practical solutions (step-by-step guide for the process management, data base system for construction product assessment, DIY guide, fact sheets for construction professionals, extension of consumer app). Municipalities and construction stakeholders benefit from practical guides/solutions when using them for designing or building the toxfree, circular and climate-neutral building. They enable the target groups to design, order, build, renovate and live in climate-neutral, circular AND toxfree houses. In total we plan to disseminate our practical guides/solutions to about 200 different stakeholders in our target groups (local authorities, SMEs, service providers, interest groups/residents). 717 / 1,000 characters			

Output indicators	Total target value in number	Project outputs	Please explain how the solution presented in this output serves the target group(s).	Result indicator	Total target value in number	Please explain how organisations in the target groups within or outside the partnership will take up or upscale each solution.
RCO 116 – Jointly developed solutions	7	O.2.5: Best practices of NonHazCity pilots on toxfree, circular and climate-neutral buildings in BSR cities	All 6 municipal partners from 5 countries acting in the pilots will receive the best practices overviews of the strategic and practical decisions need to be made about the purchase, use, management and disposal of building materials and also Dos and Don'ts in order to implement the solutions. We plan to reach up 70 municipalities in total in BSR (e.g. members of the Union of Baltic Cities) with our best practices. 417 / 1,000 characters			
		O.3.1: Built capacities at municipalities and a tested training programme	The participating municipality project partners from different countries will organize up to 2 live training sessions reaching on average 15 people per session. In total we plan to build the capacities of about 240 staff of municipalities. Furthermore, communication efforts about the expanded training programme reach 200,000 people and achieve thereby a high number of additional registrations at the NHC3 website (training programme site). 443 / 1,000 characters			
		O.3.3: General public in the Baltic Sea region raised awareness about issue of chemical safety&buildings	General public, especially inhabitants of cities will be more aware about safe materials and construction processes, which is important for the daily life. People will be able to choose safer alternatives wherever possible, and demand advanced practices from construction companies, and relevant local authorities. It is expected that awareness-raising campaign will reach out approximately 200.000 people in the region, mainly via social networks. 450 / 1,000 characters			
		O.3.4: The NonHazCity Building Award: The best building solutions protecting from hazardous substances	Best building solutions protecting from hazardous substances will be nominated, 5 will be shortlisted and 3 will win the NonHazCity Building Award. We plan to reach up to 150 people with the award ceremony, and additional webinars/exchanges reach a minimum of 50-70 people. Communication efforts reach 100,000 people. 318 / 1,000 characters			

Output indicators	Total target value in number	Project outputs	Please explain how the solution presented in this output serves the target group(s).
		O.3.5: Policy recommendations for toxfree construction - from local best practice to national policy making	Relevant national authorities (water protection, construction etc) from BSR and beyond will be engaged in international workshop to discuss NHC3 findings. The guidance document - policy recommendations as the final synthesis of the project, brings the findings from local implementation level to national policy and legal frame making level. It shall give input to national authorities for policy take-up and to local authorities for bringing in their cases into national policy making. Besides 3 AOs in the project we plan to reach up at least 15 national authorities. 569 / 1,000 characters

Output indicators		Result indicators			
Output indicator	**Total target value in number**	**Result indicator**	**Total target value in number**	**Please describe what types of organisations are planned to actively participate in the project. Explain how this participation will increase their institutional capacity. These types of organisations should be in line with the target groups you have defined for your project.**	
RCO 87 - Organisations cooperating across borders	37	**PSR 1 - Organisations with increased institutional capacity due to their participation in cooperation activities across borders**	132	Project partners and associated organisations	21 project partners and 16 associated organizations (37 all together)will actively participate in project activities. 6 municipal partners from 5 countries advance their GPP practices and adjust them to the end-result which is a tox-free, circular and climate-neutral building and which doesn't emit the hazardous substances to the water bodies. The municipal water company will receive the results of project screening activities and support municipality in implementing the green construction criteria. The PP and AO business support organizations (consultants, Green Building or Sustainable Building Associations, Building Products Assessment Services, technical universities) assist municipalities and business in building material impacts, procurement criteria & guidelines and help in water issues. They benefit from practical guides and best practices. The PP and AO SMEs will support municipalities in implementing the design of chemical-smart and climate neutral buildings. They will receive the knowledge about hazardous substances and chemical-smart buildings and construction materials. The PP and AO NGOs are multipliers of information to the society and bring outputs and findings from NHC3 to international level. Environmental and chemical experts from non-profit organizations will benefit from project activities as they will increase their awareness about hazardous substances and GPP in construction. 1,425 / 1,500 characters

Result indicator	Total target value in number	Please describe what types of organisations are planned to actively participate in the project. Explain how this participation will increase their institutional capacity. These types of organisations should be in line with the target groups you have defined for your project.	
		Other organisations	The series of training courses will be elaborated for trainings of municipal staff from municipalities of the whole BSR region. They will have a training on hazardous substances, procurement, sustainable construction materials and construction process management. The municipal staff will get an improved understanding of how they can reduce hazardous substances in their daily work and have good knowledge about the available tools (guidance, fact sheets, check lists, etc.). We plan 2 live training sessions in year 3 and plan to reach a total of 240 people (about 15 people at each session) from 40 municipalities. The stakeholders meetings at our pilots will involve more municipal entities and local actors. In our 7 pilots acting each at minimum 3 locations the partners will involve 20 additional organizations in Round tables, surveys and local actions. We plan to involve also at least 10 more sustainable building councils in the BSR. P19 CCB will involve its 25 member organisations and provide them with training seminars on toxfree, circular and climate-neutral construction. They will learn about the tools for consumers and prepare jointly for the campaigns. Number of other organisations with increased institutional capacity: 40+20+10+25= 95 1,258 / 1,500 characters

7. Budget

7.0 Preparation costs

Preparation Costs

Would you like to apply for reimbursement of the preparation costs?	Yes

Other EU support of preparatory cost

Did you receive any other EU funds specifically designated to the development of this project application?	No

7.1 Breakdown of planned project expenditure per cost category & per partner

No. & role	Partner name	Partner status	CAT0 - Preparation costs	CAT1 - Staff	CAT2 - Office & administration
1 - LP	Riga City Council	Active 22/09/2022	0.00	154,800.00	23,220.00
2 - PP	City of Stockholm	Active 22/09/2022	0.00	202,272.00	30,340.80
3 - PP	City of Västeras	Active 22/09/2022	0.00	265,000.00	39,750.00
4 - PP	City of Helsinki	Active 22/09/2022	0.00	221,760.00	33,264.00
5 - PP	City of Tallinn	Active 22/09/2022	0.00	119,712.00	17,956.80
6 - PP	Auraplan Architects	Active 22/09/2022	0.00	123,840.00	18,576.00
7 - PP	ECAT - Environmental Center for Administration and Technology	Active 22/09/2022	0.00	55,000.00	8,250.00
8 - PP	Holbaek municipality	Active 22/09/2022	0.00	129,000.00	19,350.00
9 - PP	Swedish University for Agricultural Sciences (SLU)	Active 22/09/2022	0.00	98,000.00	14,700.00
10 - PP	Turku University of Applied Sciences (TUAS)	Active 22/09/2022	0.00	230,040.00	34,506.00
11 - PP	POMInnO Ltd.	Active 22/09/2022	0.00	90,000.00	13,500.00
12 - PP	Building Products Assessment (BVB Service AB)	Active 22/09/2022	0.00	110,544.00	16,581.60
13 - PP	BEF Germany	Active 22/09/2022	16,000.00	321,984.00	48,297.60
14 - PP	BEF Estonia	Active 22/09/2022	5,000.00	179,568.00	26,935.20
15 - PP	BEF Latvia	Active 22/09/2022	3,000.00	148,608.00	22,291.20
16 - PP	BEF Lithuania	Active 22/09/2022	0.00	144,144.00	21,621.60
Total			24,000.00	3,266,124.00	489,918.60

No. & role	Partner name	Partner status	CAT0 - Preparation costs	CAT1 - Staff	CAT2 - Office & administration
17 - PP	Ecodesign Competence Centre	Active 22/09/2022	0.00	92,880.00	13,932.00
18 - PP	World Future Council Foundation	Active 22/09/2022	0.00	265,588.00	39,838.20
19 - PP	Coalition Clean Baltic	Active 22/09/2022	0.00	108,976.00	16,346.40
20 - PP	NOMAD architects	Active 22/09/2022	0.00	40,248.00	6,037.20
21 - PP	German Environment Agency	Active 22/09/2022	0.00	164,160.00	24,624.00
Total			24,000.00	3,266,124.00	489,918.60

No. & role	Partner name	CAT3 - Travel & accommodation	CAT4 - External expertise & services	CAT5 - Equipment	Total partner budget
1 - LP	Riga City Council	23,220.00	33,000.00	1,800.00	236,040.00
2 - PP	City of Stockholm	30,340.80	56,200.00	0.00	319,153.60
3 - PP	City of Västeras	39,750.00	34,200.00	0.00	378,700.00
4 - PP	City of Helsinki	33,264.00	61,500.00	0.00	349,788.00
5 - PP	City of Tallinn	17,956.80	20,500.00	0.00	176,125.60
6 - PP	Auraplan Architects	18,576.00	15,000.00	0.00	175,992.00
7 - PP	ECAT - Environmental Ce	8,250.00	10,000.00	0.00	81,500.00
8 - PP	Holbaek municipality	19,350.00	30,800.00	0.00	198,500.00
9 - PP	Swedish University for Ag	14,700.00	0.00	0.00	127,400.00
10 - PP	Turku University of Applie	34,506.00	46,400.00	4,500.00	349,952.00
11 - PP	POMInnO Ltd.	13,500.00	20,000.00	1,000.00	138,000.00
12 - PP	Building Products Assess	16,581.60	23,000.00	0.00	166,707.20
13 - PP	BEF Germany	48,297.60	67,000.00	4,800.00	506,379.20
14 - PP	BEF Estonia	26,935.20	44,500.00	3,010.00	285,948.40
15 - PP	BEF Latvia	22,291.20	3,000.00	0.00	199,190.40
16 - PP	BEF Lithuania	21,621.60	25,800.00	1,500.00	214,687.20
17 - PP	Ecodesign Competence	13,932.00	3,000.00	2,000.00	125,744.00
18 - PP	World Future Council Fou	39,838.20	20,600.00	3,500.00	369,364.40
19 - PP	Coalition Clean Baltic	16,346.40	62,000.00	0.00	203,668.80
20 - PP	NOMAD architects	6,037.20	5,000.00	2,550.00	59,872.40
21 - PP	German Environment Ag	24,624.00	10,500.00	0.00	223,908.00
Total		489,918.60	592,000.00	24,660.00	4,886,621.20

7.1.1 External expertise and services

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
1. Riga City Council	Events/meetings	CAT4-PP1-A-0	Kick-off meeting in Riga: 2-3 days, 40 p, seminar venue, technical equipment, catering/refreshments 99 / 100 characters	No	N/A	5,000.00	
1. Riga City Council	Events/meetings	CAT4-PP1-A-0	Final conference, partners meeting, 3.5 days, 80p, venue, technical equipment, catering/refreshments 100 / 100 characters	No	3.2	8,000.00	
1. Riga City Council	IT	CAT4-PP1-B-0	Hosting, programming extension, design, layout additional modules to the training platform (EN, LV) 100 / 100 characters	No	1.4	10,000.00	
1. Riga City Council	Communication	CAT4-PP1-C-0	lump sum for publications, visibility and printing of brochures, fact sheets and guidelines in LV 98 / 100 characters	No	1.3 3.3	5,000.00	
1. Riga City Council	Events/meetings	CAT4-PP1-A-0	costs for local stakeholder meetings in Riga: 10 x 500€ 55 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	5,000.00	
2. City of Stockhol	Specialist support	CAT4-PP2-E-0	contract for storm water/waste water sampling, 10 samples, 59 / 100 characters	No	2.1	3,000.00	
2. City of Stockhol	Specialist support	CAT4-PP2-E-0	laboratory analysis of storm-/wastewater (10-20 samples PFAS, SCCP/MCCP, OPE, Phthalates,etc) 93 / 100 characters	No	2.1	24,000.00	
2. City of Stockhol	Specialist support	CAT4-PP2-E-0	laboratory analysis of building materials (10 samples, SCCP/MCCP, OPE, Phthalates, Metals) 90 / 100 characters	No	2.1	8,200.00	
2. City of Stockhol	Specialist support	CAT4-PP2-E-0	purchasing articles from market for analysis, 10 samples of building materials 78 / 100 characters	No	2.1	3,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
2. City of Stockhol	Communication	CAT4-PP2-C-1	lump sum for publication, visibility and printing costs in Swedish (66 / 100 characters)	No	1.3 3.3	5,000.00	
2. City of Stockhol	Events/meetings	CAT4-PP2-A-1	local meetings with stakeholders in Stockholm : 10 x 500€ (57 / 100 characters)	No	1.1 1.2 2.2 2.3 3.1 3.3	5,000.00	
2. City of Stockhol	Events/meetings	CAT4-PP2-A-1	partner meeting in Stockholm: venue, refreshments, 3 days, 40 persons, site visit to project pilots (100 / 100 characters)	No	N/A	8,000.00	
3. City of Västeras	Specialist support	CAT4-PP3-E-1	air and dust sampling (10 samples) (34 / 100 characters)	No	2.1	2,000.00	
3. City of Västeras	Specialist support	CAT4-PP3-E-1	storm water sampling, 10 samples (32 / 100 characters)	No	2.1	3,000.00	
3. City of Västeras	Specialist support	CAT4-PP3-E-1	lab analysis of air/dust samples from preschools (5 samples, phtalates, OPE, PFAS, CCP) (87 / 100 characters)	No	2.1	12,000.00	
3. City of Västeras	Specialist support	CAT4-PP3-E-1	contract: lab anal of storm water (10 samples PFAS, SCCP/MCCP, OPE, Phth-s, Metals, Triaz-es) (93 / 100 characters)	No	2.1	12,000.00	
3. City of Västeras	Specialist support	CAT4-PP3-E-1	lab analysis of building materials, same preschools as dust sampling (5 samples, Phthalates) (92 / 100 characters)	No	2.1	1,200.00	
3. City of Västeras	Other	CAT4-PP3-G-1	Courier service for sending samples to lab (42 / 100 characters)	No	2.1	2,000.00	
3. City of Västeras	Communication	CAT4-PP3-C-1	Layout Guidelines and factsheets in Swedish (43 / 100 characters)	No	1.1 1.2 2.2 2.3 3.1 3.3	2,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
4. City of Helsinki	Events/meetings	CAT4-PP4-A-2	international workshop, and partners meeting in Helsinki: 3 days, 50p venue, catering/refreshments, 100 / 100 characters	No	2.2 2.3 2.4	10,000.00	
4. City of Helsinki	Events/meetings	CAT4-PP4-A-2	Market dialogue events 6 x 500 € 32 / 100 characters	No	2.2	3,000.00	
4. City of Helsinki	Communication	CAT4-PP4-C-2	City of Helsinki case studies (layout + translation FI-EN) 3 x 1500 € 69 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	4,500.00	
4. City of Helsinki	Communication	CAT4-PP4-C-2	Finnish catalogue of hazardous substances (layout + translation EN-FI) 70 / 100 characters	No	1.1	5,000.00	
4. City of Helsinki	Communication	CAT4-PP4-C-2	Brochure of Helsinki's experiments 34 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	1,500.00	
4. City of Helsinki	Communication	CAT4-PP4-C-2	Case study videos 3 x 1500 26 / 100 characters	No	1.3 1.4	4,500.00	
4. City of Helsinki	Specialist support	CAT4-PP4-E-2	Samples of materials (20), incl analysing the results and courier services for sample posting. 94 / 100 characters	No	2.1	10,000.00	
4. City of Helsinki	Specialist support	CAT4-PP4-E-2	Contract for laboratory analysis of construction materials (20 samples x 1000 €) 80 / 100 characters	No	2.1	20,000.00	
4. City of Helsinki	Specialist support	CAT4-PP4-E-2	Purchasing articles from market for analysis, 10 samples of building materials 78 / 100 characters	No	2.1	3,000.00	
5. City of Tallinn	Events/meetings	CAT4-PP5-A-2	Project partner meeting in Tallinn: 2-3 days, 40 persons, 58 / 100 characters	No	N/A	4,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
5. City of Tallinn	Events/meetings	CAT4-PP5-A-3	local meetings with stakeholders, infodays, 5 x 500EUR 54 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	2,500.00	
5. City of Tallinn	Communication	CAT4-PP5-C-3	lump sum for translation, layout of information materials (Guidelines, fact-sheets) in Estonian 95 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	3,000.00	
5. City of Tallinn	Specialist support	CAT4-PP5-E-3	purchasing articles from market for analysis, 10 samples of building materials 78 / 100 characters	No	2.1	3,000.00	
5. City of Tallinn	Specialist support	CAT4-PP5-E-3	laboratory analysis (10 samples x 600€) 39 / 100 characters	No	2.1	6,000.00	
5. City of Tallinn	Other	CAT4-PP5-G-3	courier services for sending samples to lab 43 / 100 characters	No	2.1	2,000.00	
6. Auraplan Archite	National control	CAT4-PP6-F-3	FLC costs for 2 checks of direct costs, period 3 and 6 55 / 100 characters	No	N/A	1,000.00	
6. Auraplan Archite	Specialist support	CAT4-PP6-E-3	construction engineer assessing proposed new building materials, insulation, building performance 98 / 100 characters	No	2.2 2.3 2.4	5,000.00	
6. Auraplan Archite	Specialist support	CAT4-PP6-E-3	Expertise for assessment of chemicals substances and circularity for the pilot in Hamburg 89 / 100 characters	No	2.2 2.3 2.4	9,000.00	
7. ECAT - Environm	National control	CAT4-PP7-F-3	150€ per period x 6 times 25 / 100 characters	No	N/A	900.00	
7. ECAT - Environm	Communication	CAT4-PP7-C-3	Training courses and translation and layout of training materials into Lithuanian, 82 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	9,100.00	
8. Holbaek municip	National control	CAT4-PP8-F-4	FLC 300€ x 6 periods 21 / 100 characters	No	N/A	1,800.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
8. Holbaek municip	Events/meetings	CAT4-PP8-A-4	local stakeholders meetings: 8 x 500€ for venue, refreshments, PR 65 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	4,000.00	
8. Holbaek municip	Events/meetings	CAT4-PP8-A-4	international partners meeting in Holbaek: 2 days, 30 persons, venue, catering/refreshments 91 / 100 characters	No	N/A	6,000.00	
8. Holbaek municip	Communication	CAT4-PP8-C-4	production of video clips with instructions on toxfree, circular and climate-neutral building 93 / 100 characters	No	1.3 1.4	8,000.00	
8. Holbaek municip	Communication	CAT4-PP8-C-4	Advertisement costs for promoiting project outputs, results and Danish take-up 78 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	3,000.00	
8. Holbaek municip	Communication	CAT4-PP8-C-4	Lump sum for graphical design, printing of brochures, posters in Danish 71 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	8,000.00	
10. Turku Universitv	Events/meetings	CAT4-PP10-A-	Local stakeholder meetings in Finland with HS and building experts 6 x 500EUR 78 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	3,000.00	
10. Turku Universitv	Communication	CAT4-PP10-C-	Brochures: project results described in Finnish 47 / 100 characters	No	1.1 1.2 2.1 2.2 2.3 3.1 3.3	5,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
10. Turku Universitv	Specialist support	CAT4-PP10-E-	translations of ENG materials to FI (summaries of result reports and other communication materials) 99 / 100 characters	No	2.1 2.2 2.3 2.4	3,000.00	
10. Turku Universitv	Communication	CAT4-PP10-C-	small video clips in Finnish for training package3 x 1000 58 / 100 characters	No	1.3 1.4	3,000.00	
10. Turku Universitv	Communication	CAT4-PP10-C-	images and pictures for communication materials 47 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	400.00	
10. Turku Universitv	Communication	CAT4-PP10-C-	graphical design for Finnish publications (80 hrs x 50€) 56 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	4,000.00	
10. Turku Universitv	Specialist support	CAT4-PP10-E-	contract for water screening sampling or laboratory analysis in NHC3 1000 €/sample 82 / 100 characters	No	2.1	17,000.00	
10. Turku Universitv	Other	CAT4-PP10-G-	courier service for samples and other sampling related issues 61 / 100 characters	No	2.1	3,000.00	
10. Turku Universitv	Specialist support	CAT4-PP10-E-	Rent for additional sampler 27 / 100 characters	No	2.1	6,000.00	
10. Turku Universitv	Specialist support	CAT4-PP10-E-	translation of ENG training modules into FI 43 / 100 characters	No	1.4 3.2	2,000.00	
11. POMInnO Ltd.	Events/meetings	CAT4-PP11-A-	Round tables and training seminars in Poland: 6 x 1000€ (1 - 1.5 days, venue, catering) 87 / 100 characters	No	1.4 3.2	6,000.00	
11. POMInnO Ltd.	Events/meetings	CAT4-PP11-A-	local meetings with stakeholders, infodays in Poland 10 x 500EUR 64 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	5,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
11. POMInnO Ltd.	Communication	CAT4-PP11-C-	Translation, layout of information materials (Guidelines, fact-sheets) in Polish 81 / 100 characters	No	1.1 1.3 2.2 2.3 3.1 3.3	5,000.00	
11. POMInnO Ltd.	Communication	CAT4-PP11-C-	Translation, layout of training materials into Polish for NHC training portal 77 / 100 characters	No	1.4 3.2	4,000.00	
12. Building Product	Communication	CAT4-PP12-C-	Translation Swedish to English (20 000 words a' 0,15€) : Web-based information, manuals 87 / 100 characters	No	1.3	3,000.00	
12. Building Product	IT	CAT4-PP12-B-	web programming of EN part of the BVB data base (80 hrs x 100€) 63 / 100 characters	No	1.3	8,000.00	
12. Building Product	Specialist support	CAT4-PP12-E-	Assessments of building materials from non-Swedish suppliers (100 assessments x 120€) 86 / 100 characters	No	1.3	12,000.00	
13. BEF Germany	Events/meetings	CAT4-PP13-A-	Project partner meeting in Hamburg: 2-3 days, 40 persons, benue, catering/refreshments 86 / 100 characters	No	N/A	6,000.00	
13. BEF Germany	Events/meetings	CAT4-PP13-A-	Meetings, info-stands, street festivals (venue/refreshments; incl. transport) in Hamburg 10 x 400€ 98 / 100 characters	No	2.2 2.3 2.4	4,000.00	
13. BEF Germany	Communication	CAT4-PP13-C-	Graphical design and printing of DIY Guide (English and German) 63 / 100 characters	No	1.3	5,000.00	
13. BEF Germany	Communication	CAT4-PP13-C-	Layout of catalogue of hazardous substances, guidelines and fact sheets - German version 88 / 100 characters	No	1.3	2,000.00	
13. BEF Germany	Communication	CAT4-PP13-C-	Social Media campaign (blog, posts clips) by involving influencers 5x 1000 74 / 100 characters	No	3.3	5,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
13. BEF Germany	Communication	CAT4-PP13-C-	Video clips tutorials, 3 x 1000 31 / 100 characters	No	1.3 1.4	3,000.00	
13. BEF Germany	Communication	CAT4-PP13-C-	Awareness rising via notices, announcements in building magazines or websites, local paper etc 94 / 100 characters	No	3.3	4,000.00	
13. BEF Germany	IT	CAT4-PP13-B-	Consumer App "Check(ED)" extension adding info on building materials programming, test, maintenance 100 / 100 characters	No	1.3 2.4 3.3	25,000.00	
13. BEF Germany	Other	CAT4-PP13-G-	Translation of information materials, guidellines, catalogue into German 74 / 100 characters	No	1.3 1.4	5,000.00	
13. BEF Germany	Other	CAT4-PP13-G-	Give-aways for pilot households_renovation starter kit (5x 200) 63 / 100 characters	No	2.4	2,000.00	
13. BEF Germany	National control	CAT4-PP13-F-	FLC 300€ per period x 6 times 29 / 100 characters	No	N/A	1,800.00	
13. BEF Germany	IT	CAT4-PP13-B-	small programming support for outputs 37 / 100 characters	No	1.1 1.3 2.2 2.3 3.1 3.3	1,000.00	
13. BEF Germany	IT	CAT4-PP13-B-	hosting project existing NonHazCity portal, German website (www.giftfreie-stadt.de) 3 years x 400€ 98 / 100 characters	No	1.1 1.2 1.3 2.2 2.3 3.1 3.3	1,200.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
13. BEF Germany	Events/meetings	CAT4-PP13-A-	Training courses for municipal entities and construction business in Hamburg 4 x 500€ 85 / 100 characters	No	3.1	2,000.00	
14. BEF Estonia	Events/meetings	CAT4-PP14-A-	Trainings courses for stakeholders in Estonia 4 events a 15 participants x 1000€ 80 / 100 characters	No	3.2	4,000.00	
14. BEF Estonia	Events/meetings	CAT4-PP14-A-	local meetings with stakeholders, infodays, street festivals in Tallinn 5 x 500EUR 82 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	2,500.00	
14. BEF Estonia	Communication	CAT4-PP14-C-	Translation, layout, printing of brochures on HS in buildings, DIY guide etc in Estonian 88 / 100 characters	No	1.1 1.3	3,000.00	
14. BEF Estonia	Communication	CAT4-PP14-C-	advancing, programming and maintenace of existing NonHazCity web portal EN, EE, SE and FI parts 95 / 100 characters	No	1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 2.4 2.5 3.1 3.2 3.3 3.4 3.5	5,000.00	
14. BEF Estonia	Communication	CAT4-PP14-C-	graphical design for publications in Estonian (100 hrs x 50€) 61 / 100 characters	No	1.1 1.3 1.4	5,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
14. BEF Estonia	Specialist support	CAT4-PP14-E-	Article sampling and laboratory analysis (50 samples x 300€) 61 / 100 characters	No	2.1	15,000.00	
14. BEF Estonia	Events/meetings	CAT4-PP14-A-	partner meeting in Estonia, 2-3 days, 40persons, venue, catering/ refreshments, site visit 90 / 100 characters	No	N/A	4,000.00	
14. BEF Estonia	Specialist support	CAT4-PP14-E-	surveys among stakeholders in Baltic States and Poland: qualitative interviews or focus groups 94 / 100 characters	No	2.1 2.2 2.3	6,000.00	
15. BEF Latvia	Communication	CAT4-PP15-C-	Local actions: info-stands, engaging influencers in Latvia 58 / 100 characters	No	3.3	2,000.00	
15. BEF Latvia	IT	CAT4-PP15-B-	update and maintenance of Latvian part of NonHazCity portal 59 / 100 characters	No	1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 2.4 2.5 3.1 3.2 3.3 3.4 3.5	1,000.00	
16. BEF Lithuania	Events/meetings	CAT4-PP16-A-	Stakeholder Meeting in Lithuania 10 x 300€ = 3000€ 54 / 100 characters	No	1.2 2.1 2.2 2.3 2.4	3,000.00	
16. BEF Lithuania	Communication	CAT4-PP16-C-	Lump sum for translations of catalogue of building materials and guidelines into Lithuanian 92 / 100 characters	No	1.1 1.3	3,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
16. BEF Lithuania	Communication	CAT4-PP16-C-	Lump sum design, layout & printing guidelines, fact sheets (for professional and consumers) in LT 97 / 100 characters	No	1.3	5,000.00	
16. BEF Lithuania	Communication	CAT4-PP16-C-	Training programme design and layout of LIT part at NHC training portal 72 / 100 characters	No	1.4	3,000.00	
16. BEF Lithuania	IT	CAT4-PP16-B-	Update and maintenance of Lithuanian part of NonHazCity portal 62 / 100 characters	No	1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 2.4 2.5 3.1 3.2 3.3 3.4 3.5	3,000.00	
16. BEF Lithuania	Communication	CAT4-PP16-C-	PR & ads for Communication with society 40 / 100 characters	No	3.3	2,000.00	
16. BEF Lithuania	Specialist support	CAT4-PP16-E-	External expertise on building standards 40 / 100 characters	No	1.2 2.2	5,000.00	
16. BEF Lithuania	National control	CAT4-PP16-F-	FLC 300€ per period x 6 times 29 / 100 characters	No	N/A	1,800.00	
17. Ecodesign Com	Events/meetings	CAT4-PP17-A-	Local meetings with residents: 10 x 200€ 40 / 100 characters	No	1.1 1.2 2.2 2.3 3.1 3.3	2,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
17. Ecodesign Com	Communication	CAT4-PP17-C-	Advertisement of DIY check and private building pilot in social media and local newspaper,radio 95 / 100 characters	No	2.4	1,000.00	
18. World Future C	Events/meetings	CAT4-PP18-A-	Award Ceremony technical support, reception catering, travel costs, accommodation for winner a 800€ 99 / 100 characters	No	3.4	6,300.00	
18. World Future C	Communication	CAT4-PP18-C-	Brochures for Award: Layout, Printing, Editing, Mailing Costs invitations 73 / 100 characters	No	3.4	4,000.00	
18. World Future C	Communication	CAT4-PP18-C-	Lump sum for Award Invitation printing and advertising 54 / 100 characters	No	3.4	1,000.00	
18. World Future C	Communication	CAT4-PP18-C-	video clip about award winner 31 / 100 characters	No	3.4	3,000.00	
18. World Future C	Events/meetings	CAT4-PP18-A-	4 Trainings seminars, venue, catering, advertisement incl translation of materials into German 94 / 100 characters	No	3.1	4,000.00	
18. World Future C	Communication	CAT4-PP18-C-	Training Dissemination: advertisement, invitations, articles for local authorities/associations 96 / 100 characters	No	3.1	1,500.00	
18. World Future C	National control	CAT4-PP18-F-	2 FLC inspections in period 3 and 6 35 / 100 characters	No	N/A	800.00	
19. Coalition Clean	Events/meetings	CAT4-PP19-A-	NGO conference - 2 days, seminar venue, catering, travel/accommodation of non-partner NGOs 90 / 100 characters	No	3.3	12,000.00	
19. Coalition Clean	Communication	CAT4-PP19-C-	Development, translation, and pushing SMM materials on toxic chemicals in construction 87 / 100 characters	No	3.3	20,000.00	
	Total					592,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
19. Coalition Clean	Communication	CAT4-PP19-C-	PR in CCB member countries - small contracts for communication in national languages to member NGOs 100 / 100 characters	No	3.3	20,000.00	
19. Coalition Clean	Communication	CAT4-PP19-C-	Development and running of online course for inhabitants on safe materials application 86 / 100 characters	No	3.3	10,000.00	
20. NOMAD archite	Specialist support	CAT4-PP20-E-	Indoor air testing in pilot houses: lump sum for sampling and laboratory costs 78 / 100 characters	No	2.4	5,000.00	
21. German Environ	Events/meetings	CAT4-PP21-A-	International policy workshop in Berlin: 2 days, 50 persons, venue, catering/refreshments 90 / 100 characters	No	3.5	6,000.00	
21. German Environ	Other	CAT4-PP21-G-	travel of external participants/speakers to the Berlin event (8 x 500€ accommodation/travel) 92 / 100 characters	No	3.5	4,000.00	
21. German Environ	National control	CAT4-PP21-F-	1 FLC inspection in period 6 28 / 100 characters	No	N/A	500.00	
	Total					592,000.00	

7.1.2 Equipment

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
1. Riga City Council	IT hardware and soft	CAT5-PP1-B-0	1 Laptop computer with docking station and computer consumables 64 / 100 characters	No	N/A	1,800.00	
10. Turku University	Laboratory equipmen	CAT5-PP10-D-	Maintenece and spareparts for in-house sampling devices. 56 / 100 characters	No	2.1	4,000.00	
10. Turku University	Laboratory equipmen	CAT5-PP10-D-	Consumables and detergents for sampling 40 / 100 characters	No	2.1	500.00	
13. BEF Germany	IT hardware and soft	CAT5-PP13-B-	Laptop computer with docking station, computer consumables, MS office and antovirus 83 / 100 characters	No	N/A	2,800.00	
	Total					24,660.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
13. BEF Germany	IT hardware and soft	CAT5-PP13-B-	Various software licences (zoom, adobe (1x); survey monkey, AhaSlides; Moodle license for education) 100 / 100 characters	No	1.1 1.2 1.3 2.2 2.3 3.1 3.3	2,000.00	
14. BEF Estonia	IT hardware and soft	CAT5-PP14-B-	2 Laptop computers with docking station and computer consumables 64 / 100 characters	No	N/A	2,500.00	
14. BEF Estonia	IT hardware and soft	CAT5-PP14-B-	Zoom yearly licence and other programs 38 / 100 characters	No	N/A	510.00	
16. BEF Lithuania	IT hardware and soft	CAT5-PP16-B-	1 x Laptop computer with docking station and computer consumables 65 / 100 characters	No	N/A	1,500.00	
17. Ecodesign Com	IT hardware and soft	CAT5-PP17-B-	1 Laptop with software, docking station and computer consumables 64 / 100 characters	No	N/A	2,000.00	
18. World Future C	IT hardware and soft	CAT5-PP18-B-	2 x Laptop computer with docking station and computer consumables 65 / 100 characters	No	N/A	3,000.00	
18. World Future C	IT hardware and soft	CAT5-PP18-B-	moodle, zoom licenses 21 / 100 characters	No	N/A	500.00	
20. NOMAD archite	IT hardware and soft	CAT5-PP20-B-	1 Laptop with software, docking station and computer consumables 64 / 100 characters	No	N/A	2,000.00	
20. NOMAD archite	IT hardware and soft	CAT5-PP20-B-	Adobe Illustrator for pilot case illustrations (1 year license) 63 / 100 characters	No	2.4	300.00	
20. NOMAD archite	IT hardware and soft	CAT5-PP20-B-	Adobe Indesign for project reporting and architect guidelines (2month license) 79 / 100 characters	No	2.4	100.00	
	Total					24,660.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
20. NOMAD archite	IT hardware and soft	CAT5-PP20-B-	Software for material cataloguing and LCC estimations 53 / 100 characters	No	2.4	150.00	
11. POMInnO Ltd.	IT hardware and soft	CAT5-PP11-B-	1 Laptop with software, docking station and computer consumables 64 / 100 characters	No	N/A	1,000.00	
	Total					24,660.00	

7.1.3 Infrastructure and works

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
Please select	Please select	CAT6-PP--01	0 / 100 characters	Please select		0.00	
	Total					0.00	

7.2 Planned project budget per funding source & per partner

No. & role	Partner name	Partner status	Country	Funding source	Co-financing rate [in %]	Total [in EUR]	Programme co-financing [in EUR]	Own contribution [in EUR]	State aid instrument
1-LP	Riga City Council	Active 22/09/2022	LV	ERDF	80.00 %	236,040.00	188,832.00	47,208.00	For each partner, the State aid relevance and applied aid measure are defined in the **State aid section**
2-PP	City of Stockholm	Active 22/09/2022	SE	ERDF	80.00 %	319,153.60	255,322.88	63,830.72	
3-PP	City of Västeras	Active 22/09/2022	SE	ERDF	80.00 %	378,700.00	302,960.00	75,740.00	
4-PP	City of Helsinki	Active 22/09/2022	FI	ERDF	80.00 %	349,788.00	279,830.40	69,957.60	
5-PP	City of Tallinn	Active 22/09/2022	EE	ERDF	80.00 %	176,125.60	140,900.48	35,225.12	
6-PP	Auraplan Architects	Active 22/09/2022	DE	ERDF	80.00 %	175,992.00	140,793.60	35,198.40	
7-PP	ECAT - Environmental Center for Administration and Technology	Active 22/09/2022	LT	ERDF	80.00 %	81,500.00	65,200.00	16,300.00	
8-PP	Holbaek municipality	Active 22/09/2022	DK	ERDF	80.00 %	198,500.00	158,800.00	39,700.00	
9-PP	Swedish University for Agricultural Sciences (SLU)	Active 22/09/2022	SE	ERDF	80.00 %	127,400.00	101,920.00	25,480.00	
10-PP	Turku University of Applied Sciences (TUAS)	Active 22/09/2022	FI	ERDF	80.00 %	349,952.00	279,961.60	69,990.40	
11-PP	POMInnO Ltd.	Active 22/09/2022	PL	ERDF	80.00 %	138,000.00	110,400.00	27,600.00	
Total ERDF						4,886,621.20	3,909,296.96	977,324.24	
Total						4,886,621.20	3,909,296.96	977,324.24	

No. & role	Partner name	Partner status	Country	Funding source	Co-financing rate [in %]	Total [in EUR]	Programme co-financing [in EUR]	Own contribution [in EUR]	State aid instrument
12-PP	Building Products Assessment (BVB Service AB)	Active 22/09/2022	SE	ERDF	80.00 %	166,707.20	133,365.76	33,341.44	
13-PP	BEF Germany	Active 22/09/2022	DE	ERDF	80.00 %	506,379.20	405,103.36	101,275.84	
14-PP	BEF Estonia	Active 22/09/2022	EE	ERDF	80.00 %	285,948.40	228,758.72	57,189.68	
15-PP	BEF Latvia	Active 22/09/2022	LV	ERDF	80.00 %	199,190.40	159,352.32	39,838.08	
16-PP	BEF Lithuania	Active 22/09/2022	LT	ERDF	80.00 %	214,687.20	171,749.76	42,937.44	
17-PP	Ecodesign Competence Centre	Active 22/09/2022	LV	ERDF	80.00 %	125,744.00	100,595.20	25,148.80	
18-PP	World Future Council Foundation	Active 22/09/2022	DE	ERDF	80.00 %	369,364.40	295,491.52	73,872.88	
19-PP	Coalition Clean Baltic	Active 22/09/2022	SE	ERDF	80.00 %	203,668.80	162,935.04	40,733.76	
20-PP	NOMAD architects	Active 22/09/2022	LV	ERDF	80.00 %	59,872.40	47,897.92	11,974.48	
21-PP	German Environment Agency	Active 22/09/2022	DE	ERDF	80.00 %	223,908.00	179,126.40	44,781.60	
Total ERDF						4,886,621.20	3,909,296.96	977,324.24	
Total						4,886,621.20	3,909,296.96	977,324.24	

7.3 Spending plan per reporting period

	EU partners (ERDF)		Total	
	Total	Programme co-financing	Total	Programme co-financing
Preparation costs	24,000.00	19,200.00	24,000.00	19,200.00
Period 1	500,000.00	400,000.00	500,000.00	400,000.00
Period 2	950,000.00	760,000.00	950,000.00	760,000.00
Period 3	1,200,000.00	960,000.00	1,200,000.00	960,000.00
Period 4	950,000.00	760,000.00	950,000.00	760,000.00
Period 5	750,000.00	600,000.00	750,000.00	600,000.00
Period 6	512,621.20	410,096.96	512,621.20	410,096.96
Total	4,886,621.20	3,909,296.96	4,886,621.20	3,909,296.96