1. Identification

Call	Date of submission
C1	26/04/2022

1.1. Full name of the project

CE resource recovery solutions for more resource independence BSR

65 / 250 characters

1.2. Short name of the project

CE-RES

6 / 20 characters

1.3. Programme priority

3. Climate-neutral societies

1.4. Programme objective

3.1 Circular economy

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

Russia's invasion of Ukraine has opened the eyes of EU and BSR leaders and governments to the dependence on resources as the dependence from Russia energy that has continued for decades. Russia's invasion of Ukraine, which started at the end of February, contributed to vast hikes in oil and natural gas prices at the global level already in the first weeks following the invasion; moreover, there are risks that prices can climb further. While BSR governments and EU leaders are deciding how to solve the problem at the political level, no clear long-term solutions are proposed to protect society in this potential new resource crisis. CE solutions must be increasingly used as a driver for climate neutrality, competitiveness, and energy resource (gas, oil, coal, etc.) independence. REPowerEU plan proposes actions for diversifying gas supplies via higher Liquefied Natural Gas (LNG) and pipeline imports from non-Russian suppliers, larger volumes of biomethane and renewable hydrogen production and substances; and reducing faster the use of fossil fuels in our homes, buildings, industry, and power system, by boosting energy efficiency, increasing renewables and electrification, and addressing infrastructure bottlenecks. We believe that resource recovery innovations are the critical circular economy solution aiming for more energy independence in BSR and Europe.

1,374 / 1,500 characters

1.8. Summary of the partnership

The partnership of the project is eight partners and two additional partners. All partners have been selected to ensure the necessary knowledge and experience to reach the goals and achieve the aims of the proposed project. The partnership involves partners in 3 Baltic Sea Region countries such as Latvia, Lithuania, Estonia, and associate partners from Nordic Countries. Project partners cover the necessary knowledge, resources, and expertise to implement the project in quality and time. Lead partner and project initiator, Riga Technical University (RTU), partner (1) ensuring project effective and cost-effective implementation and administration process of the project. As leading technology universities representing Baltic countries, RTU, together with Tallinn University of Technology (TalTech) from Estonia partner (2) and Kaunas Technical University (KTU) from Lithuania partner (3), will be leading piloting activities regarding resource recovery solutions engaging their engineering and technology departments, researchers to provide testing and piloting activities in established CE-RES TestBeds. TalTech will be leading new business development activities in Estonia and share its knowledge to repeat the actions in Latvia and Lithuania. Experienced Acceleration fund Katalista Ventures from Lithuania partner (8) will supervise business support activity piloting the CE-RES business booster program and developing its business model to ensure programs sustainability. Professional organizations in the field of CE, willing to lead BSR hotspot operations in the Baltic States as social enterprise Alter Labs from Latvia partner (6) (LV) together with Cleantech for Est from Estonia partner (5) and NGO's Ziedine ekonomika from Lithuania partner (6) are selected as partners will be leading BSR Circular Hotspot development and piloting activities. Valmiera Municipality, as the primary target group of the project, will be involved in all project activities being a research subject in mapping activities, establishing alternative energy Testbed, engaged in business development activities as well as learning from CE-RES solution piloting and testing activities to reach the goal of the project and be more energy-dependent Municipality in BSR. Union of Local Governments of Latvia as an associate partner from Latvia, will be involved to ensure project result transfer to other BSR Municipalities. Nordic hotspot and its Members from Nordic countries as associate partners will supervise BSE CE hotspot piloting activities and share project results among its community and network.

2,601 / 3,000 characters

1.11. Project Budget Summary

Financial resources [in EUR]		Preparation costs	Planned project budget
ERDF	ERDF co-financing	0.00	2,280,812.48
	Own contribution ERDF	0.00	570,203.12
	ERDF budget	0.00	2,851,015.60
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	2,280,812.48
	Total own contribution	0.00	570,203.12
	Total budget	0.00	2,851,015.60

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	Active/inactive from
1	LP	Riga Technical Univeristy	Rīgas Tehniskā Universitāte	LV	Higher education and research institution	a)	851,411.20 €	Active	22/09/2022
2	PP	Kaunas University of Technology	Kauno technologijos universitetas	LT	Higher education and research institution	a)	285,525.60 €	Active	22/09/2022
3	PP	Tallinn University of Technology (TalTech)	Tallinna Tehnikaülikool	EE	Higher education and research institution	a)	678,452.00 €	Active	22/09/2022
4	PP	Alter Labs, LTD	Alter Labs, SIA	LV	Small and medium enterprise	b)	314,496.00 €	Active	22/09/2022
5	PP	Cleantech forEst	Mittetulundusühing Cleantech ForEst	EE	NGO	a)	140,203.60 €	Active	22/09/2022
6	PP	Circular economy	ŽIEDINĖ EKONOMIKA	LT	NGO	b)	151,656.80 €	Active	22/09/2022
7	PP	Valmiera Municipality Government	Valmieras novada pašvaldība	LV	Local public authority	a)	272,694.40 €	Active	22/09/2022
8	PP	MB Katalistos Partneriai (brand name: "Katalista Ventures")	MB Katalistos Partneriai	LT	Business support organisation	b)	156,576.00 €	Active	22/09/2022

2.1.2 Associated Organisations

No.	Organisation (English)	Organisation (Original)	Country	Type of Partner
AO 1	The Latvian Association of Local and Regional Governments	Latvijas Pašvaldību savienība	LV	NGO

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 Tehniskā Universitāte

27 / 250 characters

Organisation in English Riga Technical Univeristy

25 / 250 characters

Department in original language RTU Zinātnes un Inovāciju Centrs

32 / 250 characters

Department in English RTU Science and Innovation Centre

33 / 250 characters

Partner location and website:

Address Kalku street 1

14 / 250 characters

Country Latvia

Postal Code	LV-1050	**NUTS1 code**	Latvija
	7 / 250 characters		
Town	Riga	**NUTS2 code**	Latvija
	4 / 250 characters		
Website	www.rtu.lv	**NUTS3 code**	Vidzeme
	10 / 100 characters		

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	90000068977
VAT Number Format	LV + 11 digits
VAT Number	N/A ☑
	0 / 50 characters
PIC	999920718
	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

Financial data	**Reference period**	01/01/2021 _ 31/12/2021
	Staff headcount [in annual work units (AWU)]	1,424.0
	Employees [in AWU]	1,362.0
	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]	62.0
	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]	81,641,442.00
	Annual balance sheet total [in EUR]	201,241,280.00
	Operating profit [in EUR]	0.00

Role of the partner organisation in this project:

As technology university (LV) RTU will lead piloting activities. RTU develop pilot territory in Riga and ensure its implementation in selected municipalities. Excellence from different faculties that cooperate in interdisciplinary research areas important to the economy as energy and the environment, cities and development, information and communication technologies, transport, materials & processes and technologies, security and protection.

445 / 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 2

LP/PP	Project Partner
Partner Status	Active

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

Partner name:

Organisation in original language

Kauno technologijos universitetas

33 / 250 characters

Organisation in English

Kaunas University of Technology

31 / 250 characters

Department in original language

Aplinkosaugos technologijos katedra

35 / 250 characters

Department in English

Department of Environmental Engineering

39 / 250 characters

Partner location and website:

Address	Radvilėnų pl. 19	**Country**	Lithuania
	16 / 250 characters		
Postal Code	LT-20254	**NUTS1 code**	Lietuva
	8 / 250 characters		
Town	Kaunas	**NUTS2 code**	Vidurio ir vakarų Lietuvos regionas
	6 / 250 characters		
Website	https://en.ktu.edu/	**NUTS3 code**	Kauno apskritis
	19 / 100 characters		

Partner ID:

Organisation ID type	Legal person's code (Juridinio asmens kodas)
Organisation ID	111950581
VAT Number Format	LT + 9 digits
VAT Number	N/A ☐ LT119505811
	11 / 50 characters
PIC	999844961
	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:

As the technology university project partner, Kaunas University of Technology (KTU) will be in charge of piloting activities at KTU. Responsible for KTU piloting site, purchase of equipment, implementation of piloting activities, and CE solution testing activities in field plastic waste CE solutions. Participation in other project activities, sharing its knowledge and expertise during workshops and other piloting activities. Excellence from different faculties at KTU will be transferred to Lithuania's local governments, municipalities, and cities. Responsible partner for piloting and testing activities in the field of advanced single-use plastic waste recycling CE solutions, sorting, shredding, and extrusion of plastic waste into secondary raw material or products without significantly changing the material's chemical structure.

841 / 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 3

LP/PP	Project Partner
Partner Status	Active

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

Partner name:

Organisation in original language	Tallinna Tehnikaülikool

23 / 250 characters

Organisation in English	Tallinn University of Technology (TalTech)

42 / 250 characters

Department in original language	TTÜ geoloogia instituut

23 / 250 characters

Department in English	TalTech Department of Geology

29 / 250 characters

Partner location and website:

Address	Ehitajate tee 5	**Country**	Estonia
	15 / 250 characters		
Postal Code	19086	**NUTS1 code**	Eesti
	5 / 250 characters		
Town	Tallinn	**NUTS2 code**	Eesti
	7 / 250 characters		
Website	www.taltech.ee	**NUTS3 code**	Põhja-Eesti
	14 / 100 characters		

Partner ID:

Organisation ID type

Registration code (Registrikood)

Organisation ID

74000323

VAT Number Format

EE + 9 digits

VAT Number

N/A ☐ EE100224841

11 / 50 characters

PIC

999842536

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

Financial data	**Reference period**	01/01/2020	–	31/12/2020
	Staff headcount [in annual work units (AWU)]			1,897.0
	Employees [in AWU]			1,897.0
	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]			117,165,834.00
	Annual balance sheet total [in EUR]			168,263,269.00
	Operating profit [in EUR]			8,873,543.00

Role of the partner organisation in this project:

As the technology university project partner, Tallinn University of technology (TalTech) will be in charge of piloting activities at TalTech premises. Responsible for TalTech piloting site, purchase of equipment, implementation of piloting activities, and CE solution testing activities. Responsible about CE-RES business booster program development and piloting in Estonia. Participation in other project activities, sharing its knowledge and expertise during workshops and other piloting activities. Excellence from different faculties at TalTech will be transferred to Estonia local governments, municipalities, and cities. Responsible partner for piloting and testing activities in field of Carbon neutral CE solutions and supply chain.

742 / 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 4

LP/PP

Project Partner

Partner Status

Active

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

Partner name:

Organisation in original language

Alter Labs, SIA

15 / 250 characters

Organisation in English

Alter Labs, LTD

15 / 250 characters

Department in original language

Alter Labs, SIA

15 / 250 characters

Department in English

Alter Labs, LTD

15 / 250 characters

Partner location and website:

Address

Antonijas 17A-104

17 / 250 characters

Country

Latvia

Postal Code

LV-1010

7 / 250 characters

NUTS1 code

Latvija

Town

Riga

4 / 250 characters

NUTS2 code

Latvija

Website

www.alterlabs.org

17 / 100 characters

NUTS3 code

Rīga

Partner ID:

Organisation ID type

Unified registration number (Vienotais reģistrācijas numurs)

Organisation ID

45403057892

VAT Number Format

LV + 11 digits

VAT Number

N/A ☐ LV45403057892

13 / 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)

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	01/01/2021	–	31/12/2021
	Staff headcount [in annual work units (AWU)]			1.0
	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]			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]			0.00
	Annual balance sheet total [in EUR]			1.00
	Operating profit [in EUR]			0.00

Role of the partner organisation in this project:

Alter Labs is a social enterprise based in Riga, Latvia, with the primary goal of promoting a circular economy and sustainable design thinking principles in Latvia. Alter Labs has successfully started a chapter of Global Goals Jam in Latvia in cooperation with volunteers and RTU and partnered with several accelerator programs contributing with project management, coaching, and mentoring skills. Gained experience allows Alter Labs to take the leading role in establishing a BSR CE hotspot, piloting in Latvia later transferring knowledge to Lithuanian and Estonian partners and project target audience. In addition, Alter Labs will contribute to the CERES business booster program as mentors and CE solution experts in Latvia.

729 / 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	Mittetulundusühing Cleantech ForEst
	35 / 250 characters
Organisation in English	Cleantech forEst
	16 / 250 characters
Department in original language	Mittetulundusühing Cleantech ForEst
	35 / 250 characters
Department in English	Cleantech forEst
	16 / 250 characters

Partner location and website:

Address	Aaviku tee 28	**Country**	Estonia
	14 / 250 characters		
Postal Code	75301	**NUTS1 code**	Eesti
	5 / 250 characters		
Town	Jüri	**NUTS2 code**	Eesti
	4 / 250 characters		
Website	https://www.cleantechforest.ee/	**NUTS3 code**	Põhja-Eesti
	31 / 100 characters		

Partner ID:

Organisation ID type	Registration code (Registrikood)
Organisation ID	80397767
VAT Number Format	EE + 9 digits
VAT Number	N/A ☐ EE101992266
	11 / 50 characters
PIC	N/A
	3 / 9 characters

Partner type:

Legal status	a) Public	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	63.99 - Other information service activities n.e.c.	

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:

Cleantech forEst will supervise the BSR CE hotspot establishment and lead its widening activities, participate in business booster program activities, and engage its mentors and experts. Cleantech forEst will develop and help establish a business booster program in Estonia, supporting TalTech and supporting the partners to implement the business booster programs in their partner countries, respectively (Latvia and Lithuania). Excellence, success stories, and gained knowledge will be disseminated to local governments, the private sector, universities, and citizens.

570 / 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	ŽIEDINĖ EKONOMIKA
	17 / 250 characters
Organisation in English	Circular economy
	16 / 250 characters
Department in original language	-
	1 / 250 characters
Department in English	-
	1 / 250 characters

Partner location and website:

Interreg
Baltic Sea Region

Project Acronym: CE-RES
Submission Date : 26/04/2022 10:10:49
Project Number:
Project Version Number: 1

Address	P. Zadeikos 20-1	**Country**	Lithuania
	16 / 250 characters		
Postal Code	06321	**NUTS1 code**	Lietuva
	5 / 250 characters		
Town	Vilnius	**NUTS2 code**	Sostinės regionas
	7 / 250 characters		
Website	www.circulareconomy.lt	**NUTS3 code**	Vilniaus apskritis
	22 / 100 characters		

Partner ID:

Organisation ID type	Legal person's code (Juridinio asmens kodas)
Organisation ID	304213511
VAT Number Format	LT + 12 digits
VAT Number	N/A ☐ LT100011962212
	14 / 50 characters
PIC	910730091
	9 / 9 characters

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	74.90 - Other professional, scientific and technical activities 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)]			1.0
	Employees [in AWU]			1.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			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]			20,844.00
	Annual balance sheet total [in EUR]			23,722.00
	Operating profit [in EUR]			1,738.00

Role of the partner organisation in this project:

NGO 'Circular economy' will mainly be responsible for co-creating Baltic Sea Region Circular Economy Hotspot, establishing it in Vilnius and further developing it to disseminate good CE practices in BSR as well as creating a network of companies that share and cooperate on circular economy. In addition NGO 'Circular economy' will help KTU on possible resource recovery in Lithuania as well as work on possible Doughnut Economics model adaptation to BSR municipalities as well as helping to run a pilot and establishing it. Finally NGO 'Circular economy' will advise organizers of the CE Resource recovery booster program in all of it's stages.

645 / 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	Valmieras novada pašvaldība
	27 / 250 characters
Organisation in English	Valmiera Municipality Government
	32 / 250 characters
Department in original language	n/a
	3 / 250 characters
Department in English	n/a
	3 / 250 characters

Partner location and website:	

Address	Lacplesa street 2	**Country**	Latvia
	17 / 250 characters		
Postal Code	LV-4201	**NUTS1 code**	Latvija
	7 / 250 characters		
Town	Valmiera	**NUTS2 code**	Latvija
	8 / 250 characters		
Website	www.valmierasnovads.lv	**NUTS3 code**	Vidzeme
	22 / 100 characters		

Partner ID:	

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	90000043403
VAT Number Format	LV + 11 digits
VAT Number	**N/A** ☐ LV90000043403
	13 / 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:

The primary role of Valmiera Municipality Government as a project partner is Piloting partner, engaged as representative of the project's main target groups that will benefit from the project results. Valmiera Municipality Government will be involved in project preparational activities mapping Valmiera Municipality Government opportunities and developing alternative energy TestBed establishment in Valmiera to ensure new testing facilities in the municipality and their departments. Valmiera Municipality Government will shadow Business booster program activities and BSR CE hotspot piloting activities to learn and guide municipality needs and opportunities and share its gained knowledge with other municipalities in BSR.

727 / 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	MB Katalistos Partneriai

24 / 250 characters

Organisation in English	MB Katalistos Partneriai (brand name: "Katalista Ventures")

59 / 250 characters

Department in original language	MB Katalistos Partneriai

24 / 250 characters

Department in English	MB Katalistos Partneriai (brand name: "Katalista Ventures")

59 / 250 characters

Partner location and website:

Address	Meldų g. 29D-1	**Country**	Lithuania

15 / 250 characters

Postal Code	LT-13103	**NUTS1 code**	Lietuva

8 / 250 characters

Town	Galgių k	**NUTS2 code**	Sostinės regionas

8 / 250 characters

Website	www.katalistaventures.com/	**NUTS3 code**	Vilniaus apskritis

26 / 100 characters

Partner ID:

Organisation ID type	Legal person's code (Juridinio asmens kodas)
Organisation ID	304698064
VAT Number Format	LT + 12 digits

VAT Number	**N/A** ☐ LT100012584918

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)	66.30 - Fund management activities

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 _ 31/01/2022	
Staff headcount [in annual work units (AWU)]		10.0
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]		1.0
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		9.0
Annual turnover [in EUR]		198,268.00
Annual balance sheet total [in EUR]		139,560.00
Operating profit [in EUR]		30,663.00

Role of the partner organisation in this project:

Katalista Ventures role in the project is supervision on CE-RES business booster program preparation and piloting in Lithuania. Katalista Ventures is go-to accelerator and advisory globally for Triple Top Line startups and organisations aiming to have a positive impact on People, Planet, and Profit. OIrgansaition focus on catalysing and connecting people to help them achieve their potential while finding solutions to global challenges. As an early-stage accelerator and fund, we look for resilient ventures that have a high potential for global scalability, and for financial, environmental, and social sustainability.

622 / 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	Latvijas Pašvaldību savienība
	29 / 250 characters
Organisation in English	The Latvian Association of Local and Regional Governments
	57 / 250 characters
Department in original language	Latvijas Pašvaldību savienība
	29 / 250 characters
Department in English	The Latvian Association of Local and Regional Governments
	57 / 250 characters
Legal status	a) Public
Type of associated organisation	NGO — Non-governmental organisations, such as Greenpeace, WWF, etc.

Associated organisation location and website:

Address	Mazā Pils iela	**Country**	Latvia
	14 / 250 characters		
Postal Code	LV-1050		
	7 / 250 characters		
Town	Rīga,		
	5 / 250 characters		
Website	www.lps.lv		
	10 / 100 characters		

Role of the associated organisation in this project:

The main role for The Latvian Association of Local and Regional Governments is to enable other municipalities, local authorities in Latvia and Baltic states to participate in project activities. Associate partner will assist to WP3 activities supervising knowledge, solution transfer to main target group as Local Authorities and infrastructure providers.

356 / 1,000 characters

3. Relevance

3.1 Context and challenge

The main challenge project solves the lack of technological solutions applied to BSR households, leading to energy dependence and increasing energy resource prices. Our proposal is CE solutions that can be adapted to average BSR households using existing infrastructure.

Russia's invasion of Ukraine has opened the eyes of EU and BSR leaders and governments to the dependence on resources as the energy that has continued for decades. Russia's invasion of Ukraine, which started at the end of February, contributed to vast hikes in oil and natural gas prices at the global level already in the first weeks following the invasion; moreover, there are risks that prices can climb further.

Lithuania is particularly exposed to international energy price volatility after it phased out domestic nuclear energy in 2009, with imports accounting for three-quarters of its energy supply. Latvia plans to reduce its reliance on Russia, which provides all of its natural gas imports, by accessing Lithuania's LNG terminal. Still, the required pipeline expansion will take until next year. Estonia is the least reliant of the Baltic states on energy imports due to domestic coal and shale oil production.

Given the above, inflation projections for 2022 and 2023 have been revised upwards to 9.5% and 3.7%, respectively. Eurostat data for February showed annual inflation as high as 14.0% in Lithuania and 11.6% in Estonia. Inflation in Latvia is lower due to labor market slack following the Covid-19 pandemic but still in the high single digits (8.8% in February).

While BSR governments and EU leaders are deciding how to solve the problem at the political level, no apparent long-term solutions are proposed to protect society in this potential new resource crisis. CE solutions must be increasingly used as a driver for climate neutrality, competitiveness, and energy resource (gas, oil, coal, etc.) independence.

1,911 / 2,000 characters

3.2 Transnational value of the project

All BSR countries have the same problem, the challenge of resource dependence. Aspects and opportunities can be different, but the challenge is the lack of technologies and solutions used and applied to ensure the support of resources for the average household. The challenge is one way to mitigate it by finding the most suitable solutions for all, sharing experience and practices, and building standard solutions that work for all. Differences and similarities in BSR country energy regulations, infrastructure, natural resource possibilities, and policies are essential factors that need to be learned together to find the best short- and long-term solutions to find the ways to collaborate with local stakeholders and international partners. Transnational cooperation is needed to address the challenge and generate opportunities between BSR countries, use the excellence from each country, and generate new business models. Each partner contributes to the project to address the challenge from all aspects, as the creation of CE resource recovery testbeds and R&D of CE solutions that HEI will do to pilot the way of thinking and available technologies in selected Municipalities to the new business model and company development in the field of resource recovery reaching the objective of resource-dependent BSR households. Partners with the potential to transfer the generated knowledge and experience among stakeholders are selected. The project consortium consists of partners such as HEI, Municipalities, and business support organizations in Baltic countries such as Latvia, Lithuania, and Estonia. Professional organizations Cradlenet (Nordic Circular Hotspot) will be involved in project implementation as an Associate partner to share experience on existing CE solutions and policies implemented in Nordic countries regarding resource independence.

1,866 / 2,000 characters

3.3 Target groups

Target group	Sector and geographical coverage	Its role and needs	
Infrastructure and public service provid	Energy and water supply providers as City water services, Gas, Water, Heat and other resource providers in Latvia, Lithuania and Estonia. 138 / 500 characters	This is one of the main target groups for the project, which is urgent for new technologies and solutions to ensure more resource-dependent BSR municipalities and households. This target group will be able to apply new CE resource recovery solutions and business models to provide more resource independence in BSR municipalities and their families developed due to the project and engaged in project workshop activities and shadowing piloting activities. 456 / 1,000 characters	
Local public authority	Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR. 219 / 500 characters	Municipalities in BSR are directly linked with the challenge addressed. Lack of knowledge experience and expertise in field of CE resource recovery leads to no innovations. Municipalities can apply new CE resource recovery solutions and business models that can be ensure more resource independence BSR municipalities and their households. To tackle the identified challenge leaders in municipalities and their departments and their workers in BSR, especially in Baltic countries need to strengthen their knowledge and expertise in the field of CE resource recovery solutions, to learn new ways of problem solving and new approaches in strategic planning, to collaborate with R&D institutions for new solution development. 723 / 1,000 characters	
Higher education and research instituti	HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions. 406 / 500 characters	HEI has the knowledge and power to generate new solutions, to innovate in crisis situations. Even HEi are dependent from resources and challenge addressed are direct impact on HEI operations. HEI can design and equipped partner infrastructures to generate, pilot and develop new CE resource recovery solution to reduce at first their dependence from resources as well as to provide solutions for governments, ensure solution development and furthermore public or commercial use. HEI can act as test beds, development sights with look on short time solution for long term benefits and ensure further R&D in field of CE resource recovery solutions. HEi has access to brightest minds, technologies and is neutral to politics. 722 / 1,000 characters	

3.4 Project objective

Your project objective should contribute to:

Circular economy

The project's main objective is to pilot CE resource recovery solutions for more resource-independent BSR municipalities and households. The secondary aim of the project is to establish Baltics Sea Region Circular Economy Hotspot, network, and circular market transition platform. Three pilot sites will be equipped during the project, and CE resource recovery solutions will be shown and tested. Target groups will be able to learn from driving activities and their results and outcomes to apply piloted solutions for their municipalities to ensure a more resource-dependent city and its actions. After the project ends, new navigating sites and equipment will be used for future technology testing, providing continuous technology improvements in CE resource recovery solutions. Target groups will be engaged in workshops, and practical activities organized by the BSR CE hotspot piloted during and after the project ends. New business models and technologies will be developed through training and prototyping activities organized by the driven CE-RES business booster program to ensure sustainable and long team development. All generated outputs and deliverables are directly linked to the challenge expressed by this project, to enable businesses and technologies, to raise awareness and boost the BSR community, particularly the Baltic States community, for a more resource-dependent BSR. The proposed actions foster a systemic shift that creates long-term opportunities for municipalities, businesses, and environmental and societal benefits. For this reason, leading HEI, public authority, companies, and communities are selected to be at the heart of the transition. Considering the needs of business actors, the project provides a space to redefine imaginative specialization approaches to advance the shift towards circularity and more resource dependence. Furthermore, actions will consider project consortiums and those involving new actors during the transition processes.

1,989 / 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 Energy

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

The project is built to solve challenges in BSR that are directly related to PA 'Energy', which focuses on ensuring competitive, secure and sustainable energy in the Baltic Sea region. The project will enable technologies and solutions applied to BSR households that lead to energy dependence and increasing prices of energy resources. The project's main objective is to pilot CE resource recovery solutions for more resource-independent BSR municipalities and households.

473 / 1,500 characters

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

Project contributions to Policy Areas of the EUSBSRPA are as follows: PA INNOVATION: during the project, innovations will be enabled, innovative concepts such as TestBeds to ensure generation of ideas and innovation process will be established, piloting of innovative resource recovery solutions and engaging innovating ecosystem by unique CE-RES business booster program to develop innovations and ensure sustainable economic growth in the Baltic Sea region.

460 / 1,500 characters

3.6 Other political and strategic background of the project

Strategic documents

The Smart Specialization Strategy of Latvia (RIS3) Project will enable new solution piloting and testing as well as development in long run in fields defended by The Smart Specialization Strategy of Latvia as (1)knowledge- based bio-economy, (2) advanced materials, technologies and engineering systems. In total 9 resource recovery solutions will be tested in the field, educational and business development activities to strengthen the capacity of Latvian community.

469 / 500 characters

Project piloting activities are directly related with enabling Smart Specialization in Lithuania: Energy from biomass and waste (energy and fuel production using biomass / waste and waste treatment, storage and disposal); Digital construction (technology for the development and use of smart low-energy buildings); Solar energy (solar energy equipment and technologies for its use for the production of electricity, heat and cooling).

435 / 500 characters

Project piloting activities are directly related with Estonia's National Recovery and Resilience Plan: Sustainable energy and energy efficiency' focuses on incentivizing the uptake of renewable energy, improving the energy efficiency of buildings, and decarbonizing the economy through targets and actions to phase out oil shale. In total 9 resource recovery solutions will be tested in the field, educational and business development activities to strengthen the capacity of Latvian community.

495 / 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
LIFE program Integrated Waste Management Project 'From Waste to Resources in Latvia - Promoting Regional Sustainability and Waste Management as a Resource' 156 / 200 characters	LIFE + 6 / 200 characters	The project aims to implement an industry innovation capacity building activity as a training process where scientists, students and startups will work together to develop industrial circular economy products. 209 / 1,000 characters
ERDF, No. 1.1.1.3/18/A/001 «RTU Innovation Grants for Students 62 / 200 characters	ERDF 4 / 200 characters	The project aims to implement an industry innovation capacity building activity as a training process where scientists, students and startups will work together to develop industrial circular economy products. 209 / 1,000 characters
Environmentally friendly residue-free technology for the production of liquid biofuels and biogas from biomass, 1.1.1.1/18/A/075 129 / 200 characters	ERDF 4 / 200 characters	The specific objective of the project is to develop, on the basis of experimental research, an efficient and environmentally friendly residue-free technology for the efficient processing of lignocellulosic biomass to produce biofuels and biogas, thus increasing energy production, reducing costs and promoting energy independence. 330 / 1,000 characters
Robominers – Resilient Bio-inspired Modular Robotic Miners 58 / 200 characters	Horizon 2020 12 / 200 characters	ROBOMINERS develop a bio-inspired, modular and reconfigurable robot-miner for small and difficult to access deposits. The aim is to create a prototype robot that is capable of mining underground, underwater or above water, and can be delivered in modules to the deposit via a large diameter borehole. In the envisioned ROBOMINERS technology line, mining will take place underground, underwater in a flooded environment. 420 / 1,000 characters
CROSS-BORDER TRANSFER AND DEVELOPMENT OF SUSTAINABLE RESOURCE RECOVERY STRATEGIES TOWARDS ZERO WASTE 101 / 200 characters	COST actions 14 / 200 characters	FULLRECO4US is an answer to this need and will function as a discussion platform centred on holistic approaches to waste recycling and valorization, and on the development of new cross-border interdisciplinary and intersectoral networks. These networks, in turn, will cooperate in the development of feasible and environmentally-friendly resource recovery approaches that can be translated into, e.g., competitive research funding applications and contribute to building research and innovation capacity within Europe and beyond. 530 / 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.

0 / 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.

0 / 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.

0 / 500 characters

4.4 Cooperation criteria

Please select the cooperation criteria that apply to your project. In your project you need to apply <u>at least three</u> 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	WP1 Preparing solutions

	Number	Group of Activity Name
	1.1	WP1: Activity 1: CE-RES BSR Status Quo
	1.2	WP1: Activity 2: Strategy of BSR CE Hotspot
	1.3	WP1: Activity 3: CE-RES business booster program
	1.4	WP1: Activity 4: CE-RES BSR TestBeds

Number	Work Package Name
2	WP2 Piloting and evaluating solutions

	Number	Group of Activity Name
	2.1	Establishment of BSR CE Hotspot
	2.2	CE RES Booster program
	2.3	CE-RES Pilots into pilot Territories

Number	Work Package Name
3	WP3 Transferring solutions

	Number	Group of Activity Name
	3.1	WP3: Activity 1: Widening of BSR CE Hotspot
	3.2	WP3: Activity 2: Scaling up CE -RES business booster program
	3.3	WP3: Activity 3: Transfer of CE-RES complex solutions

Work plan overview

	Period: 1	2	3	4	5	6	Leader
WP.1: WP1 Preparing solutions							**PP1**
A.1.1: WP1: Activity 1: CE-RES BSR Status Quo							PP2
D.1.1: Deliverable 1.1 BSR Resource Recovery report		D					
A.1.2: WP1: Activity 2: Strategy of BSR CE Hotspot							PP1
D.1.2: Deliverable 1.2.BSR CE Hotspot strategy		D					
A.1.3: WP1: Activity 3: CE-RES business booster program							PP3
D.1.3: Deliverable 1.3 Concept of CE-RES Business Booster program		D					
A.1.4: WP1: Activity 4: CE-RES BSR TestBeds							PP1
D.1.4: Deliverable 1.4.: Concept of CE-RES testbeds		D					
WP.2: WP2 Piloting and evaluating solutions							**PP1**
A.2.1: Establishment of BSR CE Hotspot							PP4
O.2.1: Output 2.1 BSR CE Hotspot				O			
A.2.2: CE RES Booster program							PP3
O.2.2: Output 2.2 CE RES Booster program					O		
A.2.3: CE-RES Pilots into pilot Territories							PP1
O.2.3: Output 2.3. CE-RES complex solutions					O		
WP.3: WP3 Transferring solutions							**PP1**
A.3.1: WP3: Activity 1: Widening of BSR CE Hotspot							PP5
D.3.1: Deliverable 3.1 BSR CE Hotspot membership model						D	
A.3.2: WP3: Activity 2: Scaling up CE -RES business booster program							PP3
D.3.2: Deliverable 3.2 CE-RES business booster program business model						D	
A.3.3: WP3: Activity 3: Transfer of CE-RES complex solutions							PP1
D.3.3: Deliverable 3.3. CE-RES complex solutions transfer report						D	

Outputs and deliverables overview

Code	Title	Description	Contribution to the output	Output/ deliverable contains an investment

D 1.1	Deliverable 1.1 BSR Resource Recovery report	As a result of WP1, Activity 1 implementation BSR Resource Recovery report will be developed in ENG and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). Report will gather all findings from WP1, A1 implementation including best practices on applied policies, strategies, and solutions in the field of resource recovery and resource dependence. This report will contain of justification and explanation of data collection procedures, and a quantified summary overview of the collected data (number of interviews, number of respondents, number and titles of reports used, etc). Status of regulations and policies of relevance for the project in general and for the solutions that will be piloted in the project. To enhance the transnational value, the report will contain a comparative analysis, identifying gaps, best practices, and recommendations. This report will also feed into the pilot design and pilot implementation, and give input to knowledge transfer activities (WP) based on the identified knowledge gaps and needs. in all BSR countries, looking into the local, regional and national levels, mapping experience and practices outside of BSR countries. Important aspects will be looked at policies and strategies at the local and regional level, policies applied by municipalities, HEi as well as previous projects.	Output: 2.3. CE- RES complex solutions	
D 1.2	Deliverable 1.2.BSR CE Hotspot strategy	As a result of WP1, Activity 2 BSR CE hotspot strategy will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The strategy will gather all findings from WP1, Activity 2, including a step-by-step action plan on CE hotspot pilot actions. This strategy will contain justification and explanation of data collection procedures and a quantified summary overview of the collected data (number of interviews, number of respondents, number and titles of reports used, etc.). The consortium partners and their management will discuss this strategy and findings for initial support. The original consortium partners will achieve commitment. The plan focuses on step-by-step instruction on CE hotpot establishment and piloting actions into selected partners as workshop program, feedback forms, including preparation of the BSR CE hotspot partnership contract, and related documentation. The strategy will contain a comparative analysis to enhance the transnational value, identifying gaps, best practices, and recommendations for BSR CE hotspot pilot activities and future network development after the project ends. Development of deliverables will be led by partner (4) and involving partners (1/2/3/4/6) and associated partners Nordic Hotspot Members.	OUTPUT 2.1. BSR CE Hotspot	
D 1.3	Deliverable 1.3 Concept of CE-RES Business Booster program	As a result of WP1, the Activity 3 implementation Concept of the CE-RES Business Booster program will be developed in ENG and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). This concept will contain justification and explanation of data collection procedures, and a quantified summary overview of the collected data (number of interviews, number of respondents, number and titles of reports used, etc). The concept of the CE-RES business booster program will be developed including open call documentation, selection criteria, business and technology mentors, and experts, LEAN Business Model Canvas (BMC) as a method to assess all services identified. This includes the assessment of market segments, value propositions, customer relations, distribution channels, revenue model, key resources, activities, partners, cost, and income structure.	OUTPUT 2.2. CE-RES Business Booster program	
D 1.4	Deliverable 1.4.: Concept of CE-RES testbeds	As a result of WP1, the Activity 3 implementation Concept of CE-RES testbeds be developed in ENG and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). This concept will contain technical information on technologies purchased and installed, their purpose, and intentions for testing and prototyping new CE resource recovery solutions for more resource-independent BSR. Purchased and established technologies will use the entire project cycle and continue piloting activities into equipped testbeds. The concept will explain how companies and research institutes from all the Baltic states can use trained new and innovative product development, including the Product Performance Analysis – Evaluate the effectiveness of remediation products through analysis performed by an unbiased third-party investigator; Prototyping – Understand the significance of technology, and simulate the performance of conceptual designs. Process Evaluation – Analyze and document the site-specific performance, control points, and synergistic effects of complex treatment processes. Engineering Design & Support – Evaluate treatment technologies to define critical design and process control parameters. Technology Compatibility – Addresses the interaction of technologies where chemical, biological or physical incompatibilities may lead to undesirable consequences while addressing chemical, biological or physical technology incompatibilities, leading to unpleasant effects if not detected in the design phase. Proof-of-concept Assessment – Through collaboration and innovation, we can reliably and cost-effectively answer the question: Will it work?	Output 2.3.: CE-RES complex Solutions	

O 2.1	Output 2.1 BSR CE Hotspot	Based on other countries' experiences, such as the Netherlands, Luxembourg, Scotland, Belgium, and Nordic countries, BSR Circular Economic as a private-public initiative will be established. Circular Hotspot is a private-public initiative platform in which stakeholders such as local government authorities, knowledge institutes, NGOs, and companies intensively and internationally collaborate and exchange knowledge to stimulate entrepreneurship in the circular economy. During the project, Circular Hotspot will be piloted in Latvia, Lithuania, and Estonia, learning from Nordic CE Hotspot all together acting as BSR CE hotspot. Hotspot highlights and promotes the endeavors of companies and organizations fostering innovation in the field of the circular economy. Operations of BSR will include showcasing the BSR countries' circular activities and sharing their best business practices, policies and approaches. CE hotspots have successfully stimulated businesses to adopt circular principles and have inspired CE action in new countries. It's essential to find the best model to establish BSR CE Hotspot, particularly to develop a strategy for hotspot operations in Latvia, Lithuania, and Estonia. The first organizations to launch the CE hotspot operations in Baltic states are project partners as HEI institution RTU (1) and social enterprise AlterLabs (4) from Latvia, HEI institution KTU (3), and nongovernmental organization Circular Economy (6) from Lithuania and HEI institution TalTech (2) and nongovernmental organization CleanTech forEST (5) from Estonia. Nordic CE hotspot will act as an associate partner sharing its experience in Nordic CE hotspot operations. As part of BSR CE hotspot operations includes showcasing country results in CE, showcasing CE solutions and technologies, and gathering local and global stakeholders for thematical workshops and yearly conferences. Established BSR CE hotspot operations will be monitored and validated in the annual report.		
O 2.2	Output 2.2 CE RES Booster program	CE-RES booster program will be prepared and piloted in 3 partner counties, Latvia, Lithuania, and Estonia, developed and piloted by project partners. CE-RES booster program combines a pre-acceleration program and acceleration program providing intensive and time-limited business support for cohorts of startups, aiming to get them ready for investment more quickly than traditional incubators. The CE-RES booster program's first and only program seeks to engage the business and innovation ecosystem and its players to find new business models and develop existing technologies into CE resource recovery solutions for more resource-dependent households in BSR. CE-RES booster is designed to create unique and adapt existing solutions to CE resource recovery solutions for more resource-independent households in BSR. CE-RES booster is a specially designed business support program that engages the new business ideas and startups and SMEs with high potential to equip them with the necessary knowledge, business tools, and technologies and get the pictures to the prototype market phase in the shortest time possible. The CE-RES booster program will be prepared and piloted in 3 Baltic countries to find the best ways to reach one goal in countries with other infrastructures and regulations. Learning and adjusting from country to country to improve the program find similarities and differences, thus widening the market opportunities to develop technologies and scaling its market opportunities. Tree country presence and involving HEI partner technology transfer offices will ensure the knowledge and technology transfer process during the program, thus opportunities for new market entries and scaling up the business potential.		
O 2.3	Output 2.3. CE-RES complex solutions	This output consists of CE-RES solution piloting activities in equipped testbeds including testing results, instructions, and information about the practical application of piloted solutions as CE-RES waste-water and rainwater solutions for more resource-independent BSR municipalities and households. Solutions piloted and tested: 1: Wastewater as bio-resources, biogas for energy production; 2: Wastewater use for heat recovery; 3: Sustainable rainwater management solutions; CE-RES plastic and packaging waste CE solutions for more resource independence BSR municipalities and households. Solutions piloted and tested: 1: Plastic packaging CE Solutions; 2: Recycling plastic CE Solutions; 3: waste recycling for conserving natural resources and reduction of greenhouse gas emissions; CE-RES Carbon neutral CE solutions for more resource-independent BSR municipalities and households. At the established TalTech CE-RES TestBed, CE solutions will be piloted and tested by TalTech scientists, researchers as: Solutions piloted and tested: 1: Mining waste processing to secondary raw materials; 2: Construction and demolition waste processing to secondary raw materials; 3: Oil shale ash to PCC and residue processing to CRM; 4: WEE processing to metal and non-metal secondary raw materials. Piloting activities will be monitored, and results of provided pilots will be concluded into CE-RES complex solutions catalog, explaining CE solutions tested and testing results, providing practical information and scientific recommendations for technology adaption and use for BSR municipalities and households.		

D 3.1	Deliverable 3.1 BSR CE Hotspot membership model	As a result of WP3, Activity 1, the BSR CE Hotspot membership model will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The overall aim of this deliverable is to ensure the sustainability of the BSR CE Hotspot and to ensure widening activities for BSR CE Hotspot to continue after the project ends. The consortium partners and management will discuss the Hotspot membership model for initial support. The original consortium partners will achieve commitment. Development of deliverables will be led by partner (5) and involving partners (1/2/3/4/6) and associated partners Nordic Hotspot Members. BSR CE Hotspot membership model will be defined by looking at diversification of memberships, adapting to country specifics, income from members, its governance, number of members to be expected, conditions for/from members, services provided to members, etc.	OUTPUT 2.1. BSR CE Hotspot	
D 3.2	Deliverable 3.2 CE-RES business booster program business model	As a result of WP3, Activity 2, the CE-RES business booster program business model will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The overall aim of this deliverable is to ensure the sustainability of the CE-RES business booster program and to ensure programs activities continue after the project ends. The consortium partners and management will discuss the CE-RES business booster program for initial support. The original consortium partners will achieve commitment. Development of deliverables will be led by partner (2) and involving partners (1/2/3/4/6/7/8) and associated partners. CE-RES business booster program business model will be built on identified services' essential resources and capacities. This will provide an overview of the abilities needed to establish the specified services and the powers of the present consortiums and projects. After setting up business models and capabilities, an assessment of costs will be made for identified services among the consortium partners. Financial calculations, including cash flow, IRR, and NPV, will be calculated to validate the economic viability of the specified services.	Output 2.2 CE-RES Business Booster Program	
D 3.3	Deliverable 3.3. CE-RES complex solutions transfer report	As a result of WP3, Activity 3, the CE-RES complex solutions transfer report will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The overall aim of this deliverable is to ensure the sustainability of the CE-RES complex solutions and to ensure solutions transfer to target groups even after the project ends. Development of deliverables will be led by partner (1) and involving partners (1/2/3/4/6/7/8) and associated partners.	Output 2.3 CE-RES complex solutions	

Work package 1

5.1 WP1 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 1 - Riga Technical Univeristy
Work package leader 2	PP 2 - Kaunas University of Technology

5.4 Work package budget

Work package budget	40%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	Infrastructure and public service provider Energy and water supply providers as City water services, Gas, Water, Heat and other resource providers in Latvia, Lithuania and Estonia. 138 / 500 characters	Infrastructure and public service providers and their representatives will be engaged in all WP1 Activity 1, 3, and 4 planned workshops and mapping activities for infrastructure and public service providers. The target audience will be reached via an existing network, mapping stakeholders and their interests. Engagement in discussions workshops through all WP1, direct involvement from Partner (7) Valmiera city infrastructure and public service providers as energy and water supply providers. Information about the project aims planned results. The target audience will be informed about planned pilot activities and developments to interesting them in participating throughout the whole project. 699 / 1,000 characters
2	Local public authority Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR. 219 / 500 characters	Local public authority and their representatives will be engaged in all WP1 planned activities via benchmark and mapping activities and engaging in discussions during the scheduled workshops. This target audience will be reached via an existing network identified during the mapping stakeholders' activities—engagement in discussions workshops through WP1, direct involvement from Partner (7) Valmiera city. The target audience will be informed about planned pilot activities and developments to interest them in participating throughout the whole project. 556 / 1,000 characters
3	Higher education and research institution HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions. 406 / 500 characters	Higher education and research institutions' representatives will be engaged in all WP1 planned activities via benchmark and mapping activities and discussions during the scheduled workshops. This target audience will be reached via an existing network identified during the mapping stakeholders' activities—engagement in discussions workshops through WP1, direct involvement from Partners (1/2/3). The target audience will be informed about planned pilot activities and developments to interest them in participating throughout the whole project. 546 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
1.1	**WP1: Activity 1: CE-RES BSR Status Quo**
1.2	**WP1: Activity 2: Strategy of BSR CE Hotspot**
1.3	**WP1: Activity 3: CE-RES business booster program**
1.4	**WP1: Activity 4: CE-RES BSR TestBeds**

WP 1 Group of activities 1.1

5.6.1 Group of activities leader

Group of activities leader | PP 2 - Kaunas University of Technology

A 1.1

5.6.2 Title of the group of activities

WP1: Activity 1: CE-RES BSR Status Quo

38 / 100 characters

5.6.3 Description of the group of activities

The activity aims to gather findings and map practices of CE and CE solutions applied in BSR in resource recovery and more resource-dependent municipalities and households. The duration of action is seven months during the one period of the project (M1-M7). As a result of this activity, BSR countries' reports on BSR status in CE resource recovery will be developed. Findings will be used for all WP activities as baseline information for preparation and piloting activities. A significant part of the mapping activity is to map Nordic country experiences involving associate partner Nordic CE Hotspot and its members from Nordic countries. To map Nordic country experience, outsourcing expert services will be organized by the Lead partner (1).

A1: [M1-M4] Mapping Urban & Regional planning policies, strategies in CE, Resource Recovery, and energy independence applied in all BSR countries, looking into the local, regional, and national level, mapping experience and practices outside of BSR countries. An important aspect will be looking at policies and strategies at a local and regional level, policies applied by municipalities, cities, and previous projects implemented in resource recovery and dependence. Activity will be led by Partner 1 and done separately in each country led by partners (1/2/3) and Municipality partner (7).

A2: [M1-M4] Mapping CE and CE resource recovery solutions applied and researched in global markets identifying global trends. Identification of existing solutions, mapping and identifying international parents, technologies in resource recovery, and resource dependence. An important aspect of mapping activity is identifying existing startups and SMEs operating in resource recovery, resource management, and resource services. Training will be led by partner 1, done separately in each country by partners (1/2/3).

A3: [M2-M4] Mapping best practices of procurement models in BSR countries supporting a transition towards circularity in resources, including biomaterial supply chains, services provided to municipalities, and households. The Lead Partner (1) will lead this activity, assisted by other partners (1/2/3).

A4: [M4] National workshops WP1, A1-3 results will be presented in the BSR CE-RES national workshop in Latvia, Estonia, and Lithuania, involving stakeholders and target group representatives from BSR countries, including representatives from state procurement agencies, city and municipality departments. The activity is led by partners (1/2/3).

A5: [M4-M7] BSR Resource Recovery country report: BSR Resource Recovery country report will be developed by gathering all findings from A1-4 and recommendations resulting in status and action plan for more resource-dependent BSR cities, municipalities, and households. Activity will be led by Partner 1 and done separately in each country led by partners (1/2/3/4/5/6/7).

2,891 / 3,000 characters

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

D 1.1

Title of the deliverable

Deliverable 1.1 BSR Resource Recovery report

44 / 100 characters

Description of the deliverable

As a result of WP1, Activity 1 implementation BSR Resource Recovery report will be developed in ENG and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). Report will gather all findings from WP1, A1 implementation including best practices on applied policies, strategies, and solutions in the field of resource recovery and resource dependence. This report will contain of justification and explanation of data collection procedures, and a quantified summary overview of the collected data (number of interviews, number of respondents, number and titles of reports used, etc). Status of regulations and policies of relevance for the project in general and for the solutions that will be piloted in the project. To enhance the transnational value, the report will contain a comparative analysis, identifying gaps, best practices, and recommendations. This report will also feed into the pilot design and pilot implementation, and give input to knowledge transfer activities (WP) based on the identified knowledge gaps and needs. in all BSR countries, looking into the local, regional and national levels, mapping experience and practices outside of BSR countries. Important aspects will be looked at policies and strategies at the local and regional level, policies applied by municipalities, HEi as well as previous projects.

1,345 / 2,000 characters

Which output does this deliverable contribute to?

Output: 2.3. CE- RES complex solutions

39 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.1: WP1: Activity 1: CE-RES BSR Status Quo						
D.1.1: Deliverable 1.1 BSR Resource Recovery report						

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 1 - Riga Technical Univeristy

A 1.2

5.6.2 Title of the group of activities

WP1: Activity 2: Strategy of BSR CE Hotspot

43 / 100 characters

5.6.3 Description of the group of activities

CE Hotspots, a private-public platform, has been operating in counties as the Netherlands, Poland, the USA, and Nordic countries involving (local) government authorities, knowledge institutes, and companies to intensively and internationally collaborate and exchange knowledge to accelerate a strategic, systematic, and efficient circular market transition and sustainable development in the region, to stimulate entrepreneurship in the field of the circular economy.

The activity is aimed to develop a strategy for BSR CE Hotspot establishment in BSR countries, a network that operates as a circular economy market transition platform in BSR countries. Activity will be led by a partner (4) and supervised by partner 5.

Duration of activity 7M during the 1 and 2 Periods (M1-M7) of the project. The strategy of BSR CE Hotspot will be developed together with associate partner Nordic Hotspot defining a plan to establish a sustainable network in BSR, including a business model to ensure BSR CE Hotspot operations after the project end to ensure its sustainable development. After the developed strategy and defined operations of the BSR CE hotspot will be validated and piloted involving all participant partners.

A1: [M1-M4] Benchmark existing CE hotspots, their operations, functions, financial model, implemented activities, and results identifying best practices. Mapping CE hotspot's experiences and practices globally and in the Nordic country as Sweden, Finland, Norway, and Denmark experience. The activity is led by a partner (4) and involves partners (5/6). To map Nordic country experience, outsourcing expert services will be organized by the Lead partner (1).

A2: [M1-M4] Stakeholder mapping is made in all three Baltic countries to understand the impact of each local key stakeholders group. Workshops with the key CE stakeholders: municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.) to define their roles in reaching the goal of the CE hotspot. Define the potential customers and members (e.g., manufacturers, service providers, municipalities) and the value proposition of the CE hotspot. The activity is led by a partner (4).

A3: [M4-M7] Development of Deliverable 1. 2. BSR CE hotspot strategy includes developing a step-by-step action plan on CE hotspot pilot actions. This Deliverable will be used as a defined piloting actions plan, including findings from benchmark activity and explaining the preparation and piloting action process. At least 3 BSR CE hotspot online workshops (2-34h each) will be organized to define and validate the hotspot strategy. Representatives of the key stakeholder groups and associate partner organizations, representatives from the energy, resource industry, HEI, Ngo, and government sectors will be invited.

2,851 / 3,000 characters

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

D 1.2

Title of the deliverable

Deliverable 1.2.BSR CE Hotspot strategy

40 / 100 characters

Description of the deliverable

As a result of WP1, Activity 2 BSR CE hotspot strategy will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The strategy will gather all findings from WP1, Activity 2, including a step-by-step action plan on CE hotspot pilot actions. This strategy will contain justification and explanation of data collection procedures and a quantified summary overview of the collected data (number of interviews, number of respondents, number and titles of reports used, etc.). The consortium partners and their management will discuss this strategy and findings for initial support. The original consortium partners will achieve commitment. The plan focuses on step-by-step instruction on CE hotpot establishment and piloting actions into selected partners as workshop program, feedback forms, including preparation of the BSR CE hotspot partnership contract, and related documentation. The strategy will contain a comparative analysis to enhance the transnational value, identifying gaps, best practices, and recommendations for BSR CE hotspot pilot activities and future network development after the project ends. Development of deliverables will be led by partner (4) and involving partners (1/2/3/4/6) and associated partners Nordic Hotspot Members.

1,297 / 2,000 characters

Which output does this deliverable contribute to?

OUTPUT 2.1. BSR CE Hotspot

26 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.2: WP1: Activity 2: Strategy of BSR CE Hotspot						
D.1.2: Deliverable 1.2.BSR CE Hotspot strategy						

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 3 - Tallinn University of Technology (TalTech)

A 1.3

5.6.2 Title of the group of activities

WP1: Activity 3: CE-RES business booster program

48 / 100 characters

5.6.3 Description of the group of activities

The activity is aimed to engage the business and innovation ecosystem and its players to find new business models and develop existing technologies into CE resource recovery solutions. The booster program consists of 2 parts boosting new business ideas to create new business models and technologies and boosting existing SME and technology development. CE-RES New Business Booster program (1st part): - from concept to prototype sessions and new business development activities. CE-RES Business Booster program (2nd part) – program for existing businesses and solutions, including digital technologies and their founders and developers, to equip them with the necessary knowledge and business tools, technologies, and testing sites to develop and adjust CE-RES technologies in the shortest time possible. Activity will be led by partner (2) involving partners (1/3/4/5/6/7) and supervised by partner 8—duration of action 7M during the 1 and 2 Periods (M1-M7) of the project.

A1: [M1-M6] Design of CE-RES Business Booster program (1st part) and (2nd part) in the field of CE resource recovery solutions for more resource independence BSR municipalities and households. The activity consists of Preparing the CE-RES Business Booster program schedule, open call documentation and forms, and learning materials, arranging mentors and lecturers for the program, documentation as the LOI, progress, and feedback forms. Activity will be led by partner (2) and involving NGO partners (4/5/6), HEI partners (1/3), and supervised by partner 8.

A2: [M1-M6] Develop the business model of the CE-RES Business Booster program. This task aims to gather findings and recommendations on how to ensure the CE-RES Business Booster program's sustainability and prepare an action plan for the Business Booster program activity continuation after the project end. The business model will include technical, operational, and economic information, including the activity repetition's financial calculations in project partner countries after the end of the project. Design a business model, including identifying core services to be delivered and assessing how core services can be funded. The core approach of this task is to follow the LEAN Business Model Canvas (BMC) as a method to evaluate all services identified. Activity will be led by partner (2) and involving NGO partners (1/3/4/5/6/7) and supervised by partner 8.

A3: [M4-M7] Development of Deliverable 1. 3. Concept of CE-RES Business Booster program: including step-by-step pilot actions (ENG language). This Deliverable, including all prepared documentation, will be used to implement the first pilot CE-RES Business Booster program in Estonia. Activity will be led by partner (2) and involving NGO partners (4/5/6), HEI partners (1/3), and supervised by partner 8.

2,814 / 3,000 characters

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

D 1.3

Title of the deliverable

Deliverable 1.3 Concept of CE-RES Business Booster program

58 / 100 characters

Description of the deliverable

As a result of WP1, the Activity 3 implementation Concept of the CE-RES Business Booster program will be developed in ENG and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). This concept will contain justification and explanation of data collection procedures, and a quantified summary overview of the collected data (number of interviews, number of respondents, number and titles of reports used, etc). The concept of the CE-RES business booster program will be developed including open call documentation, selection criteria, business and technology mentors, and experts, LEAN Business Model Canvas (BMC) as a method to assess all services identified. This includes the assessment of market segments, value propositions, customer relations, distribution channels, revenue model, key resources, activities, partners, cost, and income structure.

871 / 2,000 characters

Which output does this deliverable contribute to?

OUTPUT 2.2. CE-RES Business Booster program

43 / 100 characters

5.6.6 Timeline

	Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions							
A.1.3: WP1: Activity 3: CE-RES business booster program							
D.1.3: Deliverable 1.3 Concept of CE-RES Business Booster program							

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 1 - Riga Technical Univeristy

A 1.4

5.6.2 Title of the group of activities

WP1: Activity 4: CE-RES BSR TestBeds

36 / 100 characters

5.6.3 Description of the group of activities

The activity is aimed to establish infrastructures for CE-RES technology testing and validation of CE resource recovery solutions for more resource-independent BSR municipalities and households. The duration of action is 12M during the 1 and 2 Periods (M1-M12) of the project. Activity will be led by partner (1) and involve partners (2/3/7). This is an investment WP that requires to equip four partner pilot territories with the necessary equipment to ensure selected CE-RES technology pilot project WP2. The concept of the CE-RES Test Bed will be designed during preparation activities.

A1: [M1-M6] Preparation of documentation, including preparation of construction documentation and public procurement documentation to purchase defined equipment. Activity will be done on national and regional regulation and program regulation on investment activities and construction and procurement. Activity will be separately implemented by HEI partners (1/2/3).

A2: [M6-M12] Equipping Test Beds: after successful documentation preparation, defined equipment will be purchased, and three testbeds will be equipped with laboratory equipment:

RTU TestBed of green wastewater and rainwater technologies. RTU facilities will be equipped; laboratory equipment will be purchased and installed on RTU premises: anaerobic and aerobic processes for wastewater treatment/posttreatment, sludge digestion, and storm-water handling, solar panel system, containers, columns, and sensors to test almost any technology and measure its sustainability in energy consumption, product recycling, and carbon emissions.

Valmiera Municipality TestBed of alternative energy (solar, wind) technologies. Valmiera Municipality facilities will be equipped; equipment will be purchased and installed on their property to provide a testing site for alternative energy technologies measuring sustainability in energy consumption.

KTU TestBed for single-use plastic waste recycling. KTU facilities will be equipped; laboratory equipment will be purchased and installed on KTU premises: The system of advanced single-use plastic waste recycling will comprise the collection, sorting, shredding, and extrusion of plastic waste into secondary raw material or products without significantly changing the material's chemical structure. Advanced single-use plastic recycling technological system will offer great possibilities to advance the circular economy for plastics.

TalTech: information form Taltech

A3: [M9-M12] Development of Deliverable 1. 4. Concept of CE-RES testbeds: including step-by-step pilot actions. Deliverables will act as the basis for piloting measures, including prepared documentation. Activity will be led by partner (1) and involve HEI partners (2/3).

2,744 / 3,000 characters

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

D 1.4

Title of the deliverable

Deliverable 1.4.: Concept of CE-RES testbeds

44 / 100 characters

Description of the deliverable

As a result of WP1, the Activity 3 implementation Concept of CE-RES testbeds be developed in ENG and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). This concept will contain technical information on technologies purchased and installed, their purpose, and intentions for testing and prototyping new CE resource recovery solutions for more resource-independent BSR. Purchased and established technologies will use the entire project cycle and continue piloting activities into equipped testbeds. The concept will explain how companies and research institutes from all the Baltic states can use trained new and innovative product development, including the Product Performance Analysis – Evaluate the effectiveness of remediation products through analysis performed by an unbiased third-party investigator; Prototyping – Understand the significance of technology, and simulate the performance of conceptual designs. Process Evaluation – Analyze and document the site-specific performance, control points, and synergistic effects of complex treatment processes. Engineering Design & Support – Evaluate treatment technologies to define critical design and process control parameters. Technology Compatibility – Addresses the interaction of technologies where chemical, biological or physical incompatibilities may lead to undesirable consequences while addressing chemical, biological or physical technology incompatibilities, leading to unpleasant effects if not detected in the design phase. Proof-of-concept Assessment – Through collaboration and innovation, we can reliably and cost-effectively answer the question: Will it work?

1,652 / 2,000 characters

Which output does this deliverable contribute to?

Output 2.3.: CE-RES complex Solutions

37 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.4: WP1: Activity 4: CE-RES BSR TestBeds						
D.1.4: Deliverable 1.4.: Concept of CE-RES testbeds						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

Work package 2

5.1 WP2 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 1 - Riga Technical Univeristy
Work package leader 2	PP 3 - Tallinn University of Technology (TalTech)

5.4 Work package budget

Work package budget	30%

5.4.1 Number of pilots

Number of pilots	3

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	**Infrastructure and public service provider** Energy and water supply providers as City water services, Gas, Water, Heat and other resource providers in Latvia, Lithuania and Estonia. 138 / 500 characters	Infrastructure and public service providers and their representatives will be engaged in all WP2 piloting activities as piloting partners, engaging Valmiera city and their infrastructure and public service providers as energy and water supply providers as City water services, Gas, Water Heat, and other resource providers in Valmiera. Infrastructure and public service provider and their representatives will be engaged in discussions during the scheduled workshops. This target audience will be reached via an existing network identified during the mapping of stakeholders 'activities in WP1—engagement in discussions workshops through WP2. 642 / 1,000 characters
2	**Local public authority** Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR. 219 / 500 characters	Local public authority and their representatives will be engaged in all WP2 piloting activities as piloting partners, engaging Valmiera city as a project partner. Local public administration and their representatives will be engaged in discussions during the scheduled workshops during WP2. This target audience will be reached via an existing network identified during the mapping of stakeholders 'activities in WP1—Engagement in discussions workshops through WP2. 466 / 1,000 characters
3	**Higher education and research institution** HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions. 406 / 500 characters	Higher education and research institution and their representatives will be engaged in all WP2 piloting activities as piloting partners, engaging RTU, KTU, and Taltech as driving partners. Higher education and research institution and their representatives will be engaged in discussions during the scheduled workshops during WP2. This target audience will be reached via an existing network identified during mapping stakeholders 'activities in WP1—Engagement in discussions workshops through WP2. 499 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
2.1	**Establishment of BSR CE Hotspot**
2.2	**CE RES Booster program**
2.3	**CE-RES Pilots into pilot Territories**

WP 2 Group of activities 2.1

5.6.1 Group of activities leader

Group of activities leader	PP 4 - Alter Labs, LTD

A 2.1

5.6.2 Title of the group of activities

Establishment of BSR CE Hotspot

31 / 100 characters

5.6.3 Description of the group of activities

The activity aims to establish BSR CE Hotspot, its network, and operations in Baltic Countries and test and adjust the operations for Hotspot development after the end of the project.

Activity will be led by partner (4) and supervised by partner (5) involving partners (1/2/3/6) and associated partners Nordic Hotspot members. Duration of activity 18M during the project's 3,4, and 5 Periods (M8-M24).
BSR CE Hotspot will be established according to WP1, A2 developed Deliverable: BSR CE hotspot strategy, involving associate partner Nordic Hotspot and its members to BSR CE Hotspot operations.

A1: [M8-M20] Launch of BSR CE Hotspot operations in Baltic Countries (Latvia, Estonia, Lithuania). BSR CE Hotspot will launch with an invitation for organizations to join the Hotspot platform as its members. Monthly meetings will allow members to discuss the CE topics, network, and find new partners in the CE area (matchmaking). It will serve as a one-stop agency for organizations interested in CE.

A2: [M16] One of the critical activities of BSR CE Hotspot is an annual Circular Economic Week Baltics (CEW). CEW is an open, collaborative festival for circular economy-related events. Activities during the CEW will emphasize how circular practices such as reuse, recycling, and upcycling transform industries and cities. As well, activities will bring attention to CE practices and innovative initiatives. Events and activities will be hosted by local and global stakeholders and will simultaneously take place in all three countries. At least 12 different format activities with over 20 speakers will participate in the event. The CEW will host both in-person and virtual events.

A3: [M8-M23] BSR CE Hotspot will organize 12 workshops inviting organizations on such topics as the Doughnut economics model for circular cities, circular business models, circular design, circular based waste management focusing on BSR and particularly Baltic countries.

A4: [M12-M23] Annual report will be developed about the CE opportunities, challenges, and situation in the Baltic States.·. Hotspot operations will be monitored from its launch with periodical 3-month reports to validate the progress of BSR CE Hotspot operations and activities implemented, new members attracted.

2,278 / 3,000 characters

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

O 2.1

Title of the output

Output 2.1 BSR CE Hotspot

25 / 100 characters

Description of the output

Based on other countries' experiences, such as the Netherlands, Luxembourg, Scotland, Belgium, and Nordic countries, BSR Circular Economic as a private-public initiative will be established. Circular Hotspot is a private-public initiative platform in which stakeholders such as local government authorities, knowledge institutes, NGOs, and companies intensively and internationally collaborate and exchange knowledge to stimulate entrepreneurship in the circular economy. During the project, Circular Hotspot will be piloted in Latvia, Lithuania, and Estonia, learning from Nordic CE Hotspot all together acting as BSR CE hotspot. Hotspot highlights and promotes the endeavors of companies and organizations fostering innovation in the field of the circular economy. Operations of BSR will include showcasing the BSR countries' circular activities and sharing their best business practices, policies and approaches. CE hotspots have successfully stimulated businesses to adopt circular principles and have inspired CE action in new countries. It's essential to find the best model to establish BSR CE Hotspot, particularly to develop a strategy for hotspot operations in Latvia, Lithuania, and Estonia. The first organizations to launch the CE hotspot operations in Baltic states are project partners as HEI institution RTU (1) and social enterprise AlterLabs (4) from Latvia, HEI institution KTU (3), and nongovernmental organization Circular Economy (6) from Lithuania and HEI institution TalTech (2) and nongovernmental organization CleanTech forEST (5) from Estonia. Nordic CE hotspot will act as an associate partner sharing its experience in Nordic CE hotspot operations. As part of BSR CE hotspot operations includes showcasing country results in CE, showcasing CE solutions and technologies, and gathering local and global stakeholders for thematical workshops and yearly conferences. Established BSR CE hotspot operations will be monitored and validated in the annual report.

1,985 / 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 Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR.	The primary function of the BSR CE hotspot is to engage local public authorities from the BSR region to collaborate and exchange knowledge with HEI institutes, NGOs, and companies intensively and internationally to stimulate entrepreneurship in the circular economy. Local Public authorities will be educated in CE, using CE approaches in daily work. Local public authorities will be invited to apply for BSR CE hotspot events, network, and share their experience and needs. This target group will be asked to join established BSR CE hotspots as member organizations. 568 / 1,000 characters	
Target group 2 Higher education and research institution HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions.	Three target group representatives, leading HEI organizations in Baltic states, will be the first members to launch BSR CE hotspot operations. Nevertheless, this target group to be involved in events organized during the CE Hotspot training and networking activities to gain knowledge, learn about new approaches and solutions in the field of CE. New members from this his target group will be asked to join established BSR CE hotspots as member organizations to widen hotspot operations in BSR. 497 / 1,000 characters	
Target group 3 Infrastructure and public service provider Energy and water supply providers as City water services, Gas, Water, Heat and other resource providers in Latvia, Lithuania and Estonia.	The primary function of the BSR CE hotspot is to engage stakeholders, including infrastructure and public service providers from the BSR region, to collaborate and exchange knowledge with HEI institutes, NGOs, and companies intensively and internationally to stimulate entrepreneurship in the circular economy. Target group representatives will be educated in CE, using CE approaches in daily work. Representatives of this target group will be invited to apply for BSR CE hotspot events, network, and share their experiences and needs. This is the primary target group to be involved in events organized during the CE Hotspot training and networking activities to share new approaches and solutions for this target group to adapt in the field of CE and particularly CE resource recovery solutions. 799 / 1,000 characters	

Durability of the output

The first organizations to launch the CE hotspot operations in Baltic states are project partners as HEI institution RTU (1) and social enterprise AlterLabs (4) from Latvia, HEI institution KTU (3), and nongovernmental organization Circular Economy (6) from Lithuania and HEI institution TalTech (2) and nongovernmental organization CleanTech forEST (5) from Estonia. These primary operations will continue the operations of established BSR CE hotspots in Baltic states. The membership model will be developed during the WP3 setting the membership model to expand BSR operations after the project end. All costs to continue the operations of the BSR CE hotspot after the project, including informational events, will be covered by project partners. No profit will be earned; the membership model will be developed and defined to cover the costs of future activities, not generate profit or substantial income.

909 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.1: Establishment of BSR CE Hotspot						
O.2.1: Output 2.1 BSR CE Hotspot						

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 3 - Tallinn University of Technology (TalTech)

A 2.2

5.6.2 Title of the group of activities

CE RES Booster program

<div align="right">22 / 100 characters</div>

5.6.3 Description of the group of activities

The activity aims to pilot the developed CE-RES booster program concept to validate piloting results. As a result, a new CE-RES booster program will be implemented, focusing on new CE business models, business ideas, existing technology adaption, and development for more resource-independent BSR municipalities and households. CE-RES business booster program will be implemented according to WP1; Activity 4 developed the CE-RES booster program concept. Activity will be led by partner (2) and involve NGO partners (1/3/4/5/6/7/8). The duration of action is 22M during the 2,3,4, and 5 Periods (M8-M30) of the project.

A1: [M7-M14] First CE-RES Business Booster Program Pilot in Estonia to find new CE resource recovery business models, business ideas, and technologies for more resource independence BSR municipalities and households in Estonia. Publication of Open Call for participation for new business ideas, selection, and validation of applicants according to developed criteria. At least 12 applications will be selected for participation in the program. After participant selection, a 56-hour idea to prototype development workshop will be organized. Selected teams will be matched with chosen experts and specialists, managing testing, digital, and physical prototyping activities in TalTech equipped CE-RES TestBed to test and develop applied products/services and provide experiments to build the prototype concept. (TRL3). Publication of Open Call for participation, selection, and validation of existing companies and their solutions according to WP1 developed criteria. At least 12 companies (SMEs) will be selected for participation in the program. Matchmaking event with selected experts and specialists to ensure proposed solution testing and prototyping activities in TalTech equipped CE-RES TestBed. Selected teams will be trained and mentored for six months business training program focusing on market uptake, fundraising, product development, Due Diligence, IPR commercialization, and legislation aspects. Equipped CE-RES TestBed in Estonia will be used for selected teams to test and develop their product/services and provide experiments to reach (TRL4-6). Activity will be led by partner (2) and involve NGO partners (1/3/4/5/6/7/8)

A2: [M14-M17] After First CE-RES Business Booster Program Pilot in Estonia, piloted action will be validated for its repetition in Latvia and Lithuania. Validation of activity will happen according to the developed assessment methodology in WP1, Activity 3 preparation activities. Activity will be led by partner (2) and involve NGO partners (1/3/4/5/6/7/8)

A3: [M17-M30] After First CE-RES Business Booster Program Pilot in Estonia validation activities, documentation will be adjusted and repeated in Latvia by partner (1/4/7), Lithuania, and (3/6/8).

<div align="right">2,819 / 3,000 characters</div>

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

O 2.2

Title of the output

Output 2.2 CE RES Booster program

34 / 100 characters

Description of the output

CE-RES booster program will be prepared and piloted in 3 partner counties, Latvia, Lithuania, and Estonia, developed and piloted by project partners. CE-RES booster program combines a pre-acceleration program and acceleration program providing intensive and time-limited business support for cohorts of startups, aiming to get them ready for investment more quickly than traditional incubators. The CE-RES booster program's first and only program seeks to engage the business and innovation ecosystem and its players to find new business models and develop existing technologies into CE resource recovery solutions for more resource-dependent households in BSR. CE-RES booster is designed to create unique and adapt existing solutions to CE resource recovery solutions for more resource-independent households in BSR. CE-RES booster is a specially designed business support program that engages the new business ideas and startups and SMEs with high potential to equip them with the necessary knowledge, business tools, and technologies and get the pictures to the prototype market phase in the shortest time possible. The CE-RES booster program will be prepared and piloted in 3 Baltic countries to find the best ways to reach one goal in countries with other infrastructures and regulations. Learning and adjusting from country to country to improve the program find similarities and differences, thus widening the market opportunities to develop technologies and scaling its market opportunities. Tree country presence and involving HEI partner technology transfer offices will ensure the knowledge and technology transfer process during the program, thus opportunities for new market entries and scaling up the business potential.

1,736 / 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 Higher education and research institution HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions.	HEI has a significant role in the innovation ecosystem, ensuring knowledge-providing infrastructure to test and prototype new technologies. New HEI organizations will be invited to replicate the activities. HEI's role is to ensure continued work with new technology development, constantly improving and adjusting for better permeances. 339 / 1,000 characters	
Target group 2 Local public authority Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR.	This is the leading target group the CE-RES business booster program is developed. This target group will be able to apply dew business models and technologies into their infrastructures, thus ensuring resource dependence. The target group will be informed about new solutions tested and developed during the program implementation. Representatives will be engaged as mentors, and participants; infrastructure will be used to provide tests before investments in new technologies. 479 / 1,000 characters	

Durability of the output

The first organizations to pilot the CE-RES business booster program from Estonia, Latvia, and Lithuania will ensure the continuation of the program activities after the project ends. The business model will be developed while setting the program's sustainability after the project end. All costs to continue the operations of the CE-RES business booster program after the project, including informational events, and travels for mentors, will be covered by project partners and new partners engaged during the protection activities. No profit will be earned; the business model will be developed and defined to cover the costs of future activities for project partners.

670 / 1,000 characters

5.6.6 Timeline

	Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions							
A.2.2: CE RES Booster program				▓	▓	▓	
O.2.2: Output 2.2 CE RES Booster program							▓

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 1 - Riga Technical Univeristy

A 2.3

5.6.2 Title of the group of activities

CE-RES Pilots into pilot Territories

36 / 100 characters

5.6.3 Description of the group of activities

The activity is aimed to provide pilot activities into established CE-RES test Beds, piloting selected CE resource recovery solutions for more resource-independent BSR municipalities and households. Duration of action 21M during the 3 and 4, and 5 Periods (M12-M33). Activity will be led by partner (1) and involve HEI partners (2/3).

A1: [M12-M30] Piloting waste-water and rainwater CE solutions for more resource independence BSR municipalities and households. At the established RTU CE-RES TestBed, CE solutions will be piloted and tested by RTU scientists, researchers as:
Solution 1: Wastewater as bio-resources, biogas for energy production;
Solution 2: Wastewater use for heat recovery;
Solution 3: Sustainable rainwater management solutions;

A2:[M12-M30] Piloting plastic and packaging waste CE solutions for more resource independence BSR municipalities and households. At the established KTU CE-RES TestBed, CE solutions will be piloted and tested by KTU scientists as:
Solution 1: Plastic packaging CE Solutions;
Solution 2: Recycling plastic CE Solutions;
Solution3: waste recycling for conserving natural resources and reduction of greenhouse gas emissions;

A3:[M12-M30] Piloting Carbon neutral CE solutions for more resource-independent BSR municipalities and households. At the established TalTech CE-RES TestBed, CE solutions will be piloted and tested by TalTech scientists, researchers as:
Solution 1: Mining waste processing to secondary raw materials;
Solution 2: Construction and demolition waste processing to secondary raw materials;
Solution 3: Oil shale ash to PCC and residue processing to CRM;
Solution 4: WEE processing to metal and non-metal secondary raw materials.

A4: [M30-M33] Development of CE-RES complex solutions catalog. Piloting activities will be monitored, and results of provided pilots will be concluded into CE-RES complex solutions catalog, explaining CE solutions tested and testing results, providing practical information and scientific recommendations for technology adaption and use for BSR municipalities and households. The technical and economic feasibility of the tested CE solution will be provided.

2,170 / 3,000 characters

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

O 2.3

Title of the output

Output 2.3. CE-RES complex solutions

36 / 100 characters

Description of the output

This output consists of CE-RES solution piloting activities in equipped testbeds including testing results, instructions, and information about the practical application of piloted solutions as

CE-RES waste-water and rainwater solutions for more resource-independent BSR municipalities and households.
Solutions piloted and tested:
1: Wastewater as bio-resources, biogas for energy production;
2: Wastewater use for heat recovery;
3: Sustainable rainwater management solutions;

CE-RES plastic and packaging waste CE solutions for more resource independence BSR municipalities and households.
Solutions piloted and tested:
1: Plastic packaging CE Solutions;
2: Recycling plastic CE Solutions;
3: waste recycling for conserving natural resources and reduction of greenhouse gas emissions;

CE-RES Carbon neutral CE solutions for more resource-independent BSR municipalities and households. At the established TalTech CE-RES TestBed, CE solutions will be piloted and tested by TalTech scientists, researchers as:
Solutions piloted and tested:
1: Mining waste processing to secondary raw materials;
2: Construction and demolition waste processing to secondary raw materials;
3: Oil shale ash to PCC and residue processing to CRM;
4: WEE processing to metal and non-metal secondary raw materials.

Piloting activities will be monitored, and results of provided pilots will be concluded into CE-RES complex solutions catalog, explaining CE solutions tested and testing results, providing practical information and scientific recommendations for technology adaption and use for BSR municipalities and households.

1,620 / 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 Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR.	This target group will be able to adapt the piloted and developed solutions into their infrastructure to ensure more resource dependence. Target group will be educated and will be able to apply the solutions based on provided recommendations, technical specifications. 269 / 1,000 characters	
Target group 2 Higher education and research institution HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions.	Students will perform both diploma and research work together with companies. Equipment will be used daily for father research work to find new solutions and new opportunities for more resource-dependent BSR after the project ends. In this way, the expertise in developing new green technologies will be sustained by involving all stakeholders, companies and research, municipalities, and institutes from all the Baltic states using these facilities for "green technology" product development. Developed solutions will be used in daily learning and research and development process. 583 / 1,000 characters	
Target group 3 Infrastructure and public service provider Energy and water supply providers as City water services, Gas, Water, Heat and other resource providers in Latvia, Lithuania and Estonia.	This target group will be able to adapt the piloted and developed solutions into their infrastructure to ensure more resource dependence. Target group will be educated and will be able to apply the solutions based on provided recommendations, technical specifications. 269 / 1,000 characters	

Durability of the output

Project partners HEI will maintain equipped testbeds and tested solutions such as RTU, KTU, and TalTech as part of their laboratory equipment. The project partners responsible for the equipment will cover all costs related to the further development of piloted solutions and equipment maintenance. Each partner will cover its costs related to other development activities. The project partners are going to use the equipment for the project purpose during the whole project and even beyond to ensure new CE resource recovery solution development for more resource-independent BSR municipalities and households

609 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.3: CE-RES Pilots into pilot Territories						
O.2.3: Output 2.3. CE-RES complex solutions						

5.6.7 This deliverable/output contains productive or infrastructure investment

Work package 3

5.1 WP3 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 1 - Riga Technical Univeristy
Work package leader 2	PP 2 - Kaunas University of Technology

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	Infrastructure and public service provider Energy and water supply providers as City water services, Gas, Water, Heat and other resource providers in Latvia, Lithuania and Estonia. 138 / 500 characters	Target groups such as Infrastructure and public service providers and their representatives will be selected during the WP1/WP2/WP3 activity. Target groups will be outreached via partner existing networks and associate partners' networks. Representatives of target groups will be directly invited to attend project activities related to WP3. Target groups will be outreached using social media and newsletters, spreading the project's information, planned results, and necessity. 479 / 1,000 characters
2	Local public authority Municipalities in Latvia, Estonia, and Lithuania. Association of Municipalities in Latvian as an associated partner involved in transferring solution activities, sharing its network and access to Municipalities in BSR. 219 / 500 characters	Target groups such as Local public authorities, municipality, and city representatives from BSR will be selected during the WP1/WP2/WP3 activity. Special target groups are BSR municipalities applied for "Climate Neutral City". Target groups will be outreached via partner existing networks and associate partners' networks. Representatives of target groups will be directly invited to attend project activities related to WP3. Target groups will be outreached using social media and newsletters, spreading the project's information, planned results, and necessity. 564 / 1,000 characters
3	Higher education and research institution HEI in BSR countries. Innovation departments are operating in the energy, wastewater, plastic recycling, and other areas related to resource recovery and CE. HEI Tallinn University of Technology TalTech (EE), Riga Technical University (LV), and Kaunas Technical University (LT) as project partners involved in project activities (WP1/WP2/WP3) to generate knowledge and pilot resource recovery solutions. 406 / 500 characters	Target groups such as Higher education and research institution representatives from BSR will be selected during the WP1/WP2/WP3 activity. Target groups will be outreached via partner existing networks and associate partners' networks. Representatives of target groups will be directly invited to attend project activities related to WP3. Target groups will be outreached using social media and newsletters, spreading the project's information, planned results, and necessity. 476 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
3.1	**WP3: Activity 1: Widening of BSR CE Hotspot**
3.2	**WP3: Activity 2: Scaling up CE -RES business booster program**
3.3	**WP3: Activity 3: Transfer of CE-RES complex solutions**

WP 3 Group of activities 3.1

5.6.1 Group of activities leader

Group of activities leader	PP 5 - Cleantech forEst

A 3.1

5.6.2 Title of the group of activities

WP3: Activity 1: Widening of BSR CE Hotspot

43 / 100 characters

5.6.3 Description of the group of activities

The activity is aimed to scale up established BSR CE hotspot operations, widen hotspot operations, and transfer gained knowledge and experience generated during the WP1 and WP2 implementation by consortium partners. Duration of activity 36M during the whole cycle of the project. Activity will be led by partner (5) and involve all partners and stakeholders identified during WP1 and WP2. As a result, the BSR CE Hotspot membership model will be developed to ensure Hotspot operations' sustainability after the project ends.

A1: [M1-M36] Media Channels & Newsletters: information about the BSR CE Hotspot activities from the start of the project to be communicated and disseminated through project partners' media channels such as social media Twitter, Facebook, Linked In, as well as information, will be published in partners newsletters, project home page. At least one publication per project period informing target groups and society about the project activities and results. Activity will be led by partner (5) and involve all partners.

A2: [M33] BSR CE Hotspot National Days in Each partner country (Latvia, Lithuania, Estonia) will be organized to inform target groups and identify stakeholders such as municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.) about BSR CE Hotspot related activities. Results of the piloting activity will be presented. Over five speakers will participate in each event. Activity is strongly connected to the widening BSR CE Hotspot, including recruiting new members and community-building activities. Activity will be led by a partner (4/5/6).

A4 [M30-M36] BSR CE Hotspot membership model. After piloting, activities will be validated, and a membership model including a defined business model for established CE Hotspots will be developed. Activity will be led by partner (5) and involve all partners. Preliminary findings show that a membership model is a core to the future sustainability of the network. Clear and concrete operational characteristics (diversification of memberships, income from members, governance, number of members to be expected, conditions for/from members, services provided to members, etc.) will be set at learning from WP1 and WP2 activity results.

A4: [M36] BSR CE Hotspot Transnational Days. Activity is strongly connected to the widening BSR CE Hotspot, including recruiting new members and community-building activities. Activity will be led by partner (5) and involve all partners. On-site events in Estonia will inform target groups and identified stakeholders such as municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.) about BSR CE Hotspot related activities. Results of the piloting activity will be presented.

2,846 / 3,000 characters

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

D 3.1

Title of the deliverable

Deliverable 3.1 BSR CE Hotspot membership model

47 / 100 characters

Description of the deliverable

As a result of WP3, Activity 1, the BSR CE Hotspot membership model will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The overall aim of this deliverable is to ensure the sustainability of the BSR CE Hotspot and to ensure widening activities for BSR CE Hotspot to continue after the project ends. The consortium partners and management will discuss the Hotspot membership model for initial support. The original consortium partners will achieve commitment. Development of deliverables will be led by partner (5) and involving partners (1/2/3/4/6) and associated partners Nordic Hotspot Members. BSR CE Hotspot membership model will be defined by looking at diversification of memberships, adapting to country specifics, income from members, its governance, number of members to be expected, conditions for/from members, services provided to members, etc.

913 / 2,000 characters

Which output does this deliverable contribute to?

OUTPUT 2.1. BSR CE Hotspot

26 / 100 characters

5.6.6 Timeline

	Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions							
A.3.1: WP3: Activity 1: Widening of BSR CE Hotspot							
D.3.1: Deliverable 3.1 BSR CE Hotspot membership model							

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 3 - Tallinn University of Technology (TalTech)

A 3.2

5.6.2 Title of the group of activities

WP3: Activity 2: Scaling up CE -RES business booster program

60 / 100 characters

5.6.3 Description of the group of activities

The activity is aimed to develop a framework and an approach for the blended finance CE -RES business booster program to support the scaling up activities for the program itself thus its community through collaborative activities and the transfer of gained knowledge and experience generated during the WP1 and WP2 implementation by consortium partners—duration of action 36M during the whole cycle of the project. Activity will be led by partner (2) and involve all partners and stakeholders identified during WP1 and WP2. As a result, the CE-RES business booster program business model will be developed to ensure the CE-RES business booster program activities after the project ends.

A1: [M1-M36] Media Channels & Newsletters: information about the CE-RES business booster activities from the start of the project to be communicated and disseminated through project partners' media channels such as social media Twitter, Facebook, Linked In, as well as information, will be published in partners newsletters, project home page. At least one publication per project period informing target groups and society about the project activities and results. Activity will be led by partner (2) and involve all partners.

A2: [M33] CE-RES business booster program National Days in Each partner country (Latvia, Lithuania, Estonia) will be organized to inform target groups and identify stakeholders such as municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.) about CE-RES business booster program, its activities, results. Results of the piloting activity will be presented. Over five speakers will participate in each event. Activity will be led by a partner (1/2/3/8).

A3 [M30-M36] CE-RES business booster program business model. Developing the blended finance CE-RES business booster program identifying potentially relevant funding opportunities, a draft fiche will be developed, including a short description of the funding programs, providing organization, available budget, conditions, potential target audience, and innovation areas addressed. Gaps in finance will be identified, and possible approaches to cover them. Commitment will be achieved from the original consortium partners, and discussions will be conducted with the identified new partners for collaboration. The result of the talks will be processed into the concept business plan. After adjustments, MoUs with committed co-funding organizations will sign.

A4: [M36] CE-RES business booster program Transnational Days in Estonia. Activity is strongly connected to the knowledge transfer of the CE-RES business booster program. Activity will be led by partner (2) and involve all partners. Target groups and identified stakeholders invited, such as municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.). Results of the piloting activity will be presented.

2,974 / 3,000 characters

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

D 3.2

Title of the deliverable

Deliverable 3.2 CE-RES business booster program business model

63 / 100 characters

Description of the deliverable

As a result of WP3, Activity 2, the CE-RES business booster program business model will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The overall aim of this deliverable is to ensure the sustainability of the CE-RES business booster program and to ensure programs activities continue after the project ends. The consortium partners and management will discuss the CE-RES business booster program for initial support. The original consortium partners will achieve commitment. Development of deliverables will be led by partner (2) and involving partners (1/2/3/4/6/7/8) and associated partners. CE-RES business booster program business model will be built on identified services' essential resources and capacities. This will provide an overview of the abilities needed to establish the specified services and the powers of the present consortiums and projects. After setting up business models and capabilities, an assessment of costs will be made for identified services among the consortium partners. Financial calculations, including cash flow, IRR, and NPV, will be calculated to validate the economic viability of the specified services.

1,202 / 2,000 characters

Which output does this deliverable contribute to?

Output 2.2 CE-RES Business Booster Program

44 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6	
WP.3: WP3 Transferring solutions							
A.3.2: WP3: Activity 2: Scaling up CE -RES business booster program							
D.3.2: Deliverable 3.2 CE-RES business booster program business model							
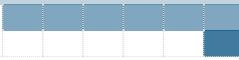
5.6.7 This deliverable/output contains productive or infrastructure investment

WP 3 Group of activities 3.3

5.6.1 Group of activities leader

Group of activities leader	PP 1 - Riga Technical Univeristy

A 3.3

5.6.2 Title of the group of activities

WP3: Activity 3: Transfer of CE-RES complex solutions

54 / 100 characters

5.6.3 Description of the group of activities

The activity is aimed to transfer gained knowledge and experience in WP2 piloting Activity 2. output CE-RES complex solution. Duration of action 36M during the whole cycle of the project. Activity will be led by partner (1) and involve all partners and stakeholders identified during WP1 and WP2. As a result, the Deliverable 3.3. CE-RES complex solutions transfer report will be developed to ensure the CE-RES complex solutions transfer activities to BSR municipalities.

A1: [M1-M36] Media Channels & Newsletters: information about the CE-RES complex solution piloting, TestBed establishment activities from the start of the project to be communicated and disseminated through project partners' media channels such as social media Twitter, Facebook, Linked In, as well as information, will be published in partners newsletters, project home page. At least one publication per project period informing target groups and society about the project activities and results. Activity will be led by partner (1) and involve all partners.

A2: [M33] CE-RES complex solutions National Days in Each partner country (Latvia, Lithuania, Estonia) will be organized to inform target groups and identify stakeholders such as municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.) about CE-RES complex solutions, its activities, results. Results of the piloting activity will be presented. Over five speakers will participate in each event. Activity will be led by a partner (1/2/3).

A3 [M30-M36] CE-RES complex solutions transfer report. Gathering findings from piloting activities to explain how driven CE-RES solutions can be used for BSR Municipalities, including technical information, showcases, examples from piloting activities, and economic calculations. Activity will be led by a partner (1/2/3) and associated partners.

A4: [M36] CE-RES complex solutions Transnational Days in Latvia. Activity is strongly connected to the knowledge transfer of the CE-RES complex solutions. Activity will be led by partner (1) and involve all partners. Target groups and identified stakeholders invited, such as municipalities, ministries, SMEs, corporations, NGOs, HEIs/research institutes, and Investment agencies (VC, incubators, etc.). Results of the piloting activity will be presented.

2,351 / 3,000 characters

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

D 3.3

Title of the deliverable

Deliverable 3.3. CE-RES complex solutions transfer report

57 / 100 characters

Description of the deliverable

As a result of WP3, Activity 3, the CE-RES complex solutions transfer report will be developed in ENG language and translated to BSR country national languages (LV/LT/EE/SWE/DE/NO/FI). The overall aim of this deliverable is to ensure the sustainability of the CE-RES complex solutions and to ensure solutions transfer to target groups even after the project ends. Development of deliverables will be led by partner (1) and involving partners (1/2/3/4/6/7/8) and associated partners.

483 / 2,000 characters

Which output does this deliverable contribute to?

Output 2.3 CE-RES complex solutions

38 / 100 characters

5.6.6 Timeline

	Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions							
A.3.3: WP3: Activity 3: Transfer of CE-RES complex solutions		▨	▨	▨	▨	▨	▨
D.3.3: Deliverable 3.3. CE-RES complex solutions transfer report							▨

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

6. Indicators

Indicators	45/53

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	3	N/A	N/A			
RCO 116 – Jointly developed solutions	3	O.2.1: Output 2.1 BSR CE Hotspot	Output 2.1 BSR CE Hotspot connects target groups by engaging in topical discussions, workshops, and sharing practical experience and knowledge between the target groups, thus changing the way of thinking and encouraging target groups for changes in fields of CE resource recovery. Deliverables serve as a bridge between the target groups and other stakeholders to enable CE in BSR. It serves as a knowledge and technology transfer platform connecting target groups with technology developers and vice versa. BSR CE Hotspot serves as a one-stop shop for target groups to find answers and solutions or gain contacts to enable technology prototyping and commercialization using BSR CE Hotspot and its established network. 719 / 1,000 characters			
		O.2.2: Output 2.2 CE RES Booster program	Output 2.2 CE-RES Booster program serves as a new solution generator for target groups to find new solutions to tackle the problem of more resource-independent BSR and its households. CE RES Booster program serves to find new business models and ideas and enable existing technology addition to help the target groups achieve the aim of a more resource independent BSR and its households. CE RES Booster program serves as community booster uniting all stakeholders to enable new CE resource recovery technologies. 515 / 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.
		O.2.3: Output 2.3. CE-RES complex solutions	Output 2.3. CE-RES complex solutions serve as solutions for the challenge of the project. New CE resource recovery solutions will be tested to target groups' needs to pilot solutions for more resource-independent BSR and households. Piloted and tested CE-RES complex solutions serve as an example of how to become more independent in using resources and practical examples from laboratory to practice to be adapted for the benefit of target groups.			Target groups within the partnership will take up and upscale each solution as the first partners to test and pilot each key, thus learning from piloting actions to transfer the solutions to other target groups within and outside the partnership. Target groups within the partnership will introduce a solution as Output 2.1 BSR CE Hotspot operations within their daily operations, being the first members in piloted BSR CE Hotspot, at first enabling it, further scaling up it by developing its membership model and engaging new members from BSR region, including project main target groups outside the partnership. Similar to Output 2.2 CERES Booster program, being the first members in piloted action, at first enabling it, further scaling up it by developing its business model and engaging new members from the BSR region. Target groups within

Output indicators

452 / 1,000 characters

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	9	PSR 1 - Organisations with increased institutional capacity due to their participation in cooperation activities across borders	3	Project partners and associated organisations: Public and private organizations, representatives of target groups such as the Local Public Authority represented by Valmiera Municipality, leading technology universities from the Baltics as RTU, TalTech, and KTU, social enterprises, and NGOs representing the field of CE are planning to participate in the direct project preparing, piloting and transferring the solutions to target groups outside the partnership. As a piloting project, this will also be a learning process for all partners, learning from others and learning by doing. Associate partners representing networks of target groups with direct access to target groups within the partnership will serve as community enablers and target group recruiters for project activities. At first, all organizations within the partnership, including the associate partners, will strengthen their technological capacity in CE and resource recovery by enabling this project, delivering all the solutions, and learning from its results. Secondly, partners will learn from other county experiences, thus strengthening their knowledge capacity, participating in discussions, workshops, and knowledge-sharing events. Enabling new members to join and uptake the solution participation will increase their networking capacity in the CE and resource recovery solutions.
		RCR 104 - Solutions taken up-s... organ...		Other organisations: program membership model to upscale each solution engaging new target groups to use the results, repeat ... Target groups outside the partnership learn from project participants and other county experiences, thus strengthening their knowledge capacity and participating in discussions, workshops, and knowledge-sharing events. Enabling new members to join and uptake the solution participation will increase their networking capacity in the CE and resource recovery solutions. New CE resource recovery solutions piloted will increase the technological ability to reach the project's goal and use driven CE resource recovery solutions for more resource-independent BSR municipalities and households. Other organizations will increase their institutional capacity by participating in networking, knowledge-sharing, and training. For example, during the Output 2.1 BSR CE Hotspot piloting activities and Output 2.2 CE-RES Booster program piloting activities.

848 / 1,500 characters

7. Budget

7.0 Preparation costs 47/53

Preparation Costs

Would you like to apply for reimbursement of the preparation costs? No

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

No. & role	Partner name	Partner status	CAT1 - Staff	CAT2 - Office & administration	CAT3 - Travel & accommodation
1 - LP	Riga Technical Univeristy	Active 22/09/2022	342,624.00	51,393.60	51,393.60
2 - PP	Kaunas University of Technology	Active 22/09/2022	162,712.00	24,406.80	24,406.80
3 - PP	Tallinn University of Technology (TalTech)	Active 22/09/2022	356,040.00	53,406.00	53,406.00
4 - PP	Alter Labs, LTD	Active 22/09/2022	241,920.00	36,288.00	36,288.00
5 - PP	Cleantech forEst	Active 22/09/2022	94,772.00	14,215.80	14,215.80
6 - PP	Circular economy	Active 22/09/2022	109,736.00	16,460.40	16,460.40
7 - PP	Valmiera Municipality Government	Active 22/09/2022	86,688.00	13,003.20	13,003.20
8 - PP	MB Katalistos Partneriai (brand name: "Katalista Ventures")	Active 22/09/2022	113,520.00	17,028.00	17,028.00
Total			1,508,012.00	226,201.80	226,201.80

No. & role	Partner name	CAT4 - External expertise & services	CAT5 - Equipment	Total partner budget
1 - LP	Riga Technical Univeristy	94,000.00	312,000.00	851,411.20
2 - PP	Kaunas University of Technology	4,000.00	70,000.00	285,525.60
3 - PP	Tallinn University of Technology (TalTech)	45,600.00	170,000.00	678,452.00
4 - PP	Alter Labs, LTD	0.00	0.00	314,496.00
5 - PP	Cleantech forEst	17,000.00	0.00	140,203.60
6 - PP	Circular economy	9,000.00	0.00	151,656.80
7 - PP	Valmiera Municipality Government	10,000.00	150,000.00	272,694.40
8 - PP	MB Katalistos Partneriai (brand name: "Katalista Ventures")	9,000.00	0.00	156,576.00
Total		188,600.00	702,000.00	2,851,015.60

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 Technical U	Other	CAT4-PP1-G-0	Translation costs for project deliverables and outputs, event materials to National Language 92 / 100 characters	No	1.1 1.2 1.3 1.4 2.1 2.2 2.3 3.1 3.2 3.3	6,000.00	
1. Riga Technical U	Events/meetings	CAT4-PP1-A-0	Participation and registration fees in national, EU-level and international CE related events 93 / 100 characters	No	1.2 1.4 2.1 2.3	2,000.00	
1. Riga Technical U	Specialist support	CAT4-PP1-E-0	Consulting services for mapping activities, CE Hotspot benchmark and mapping activities 88 / 100 characters	No	1.2 2.1	60,000.00	
1. Riga Technical U	Events/meetings	CAT4-PP1-A-0	Travel for specialists from Nordic Countries to Latvia 54 / 100 characters	No	1.2 2.2 3.1 3.2 3.3	11,000.00	
1. Riga Technical U	Events/meetings	CAT4-PP1-A-0	Professional speakers for national and international project events 67 / 100 characters	No	2.1 2.2 2.3 3.1 3.2 3.3	4,000.00	
1. Riga Technical U	Specialist support	CAT4-PP1-E-0	Design of open call and CE week landing page and BSR CE Hotspot logo, design templates. 89 / 100 characters	No	1.2 2.1	11,000.00	
2. Kaunas Universit	Specialist support	CAT4-PP2-E-0	Translation costs for project deliverables and outputs, event materials to National Language 92 / 100 characters	No	1.4 2.3 3.3	2,000.00	
2. Kaunas Universit	National control	CAT4-PP2-F-0	Financial auditing (FTE) 24 / 100 characters	No	N/A	2,000.00	
	Total					188,600.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
3. Tallinn University	Other	CAT4-PP3-G-0	Translation costs for project deliverables and outputs, event materials to National Language 92 / 100 characters	No	1.2 1.3 1.4 2.1 2.2 2.3	2,000.00	
3. Tallinn University	Events/meetings	CAT4-PP3-A-1	Participation and registration fees in national, EU-level and international CE related events 93 / 100 characters	No	1.2 1.3 1.4 2.1 2.2 2.3 3.1 3.2 3.3	3,600.00	
3. Tallinn University	Events/meetings	CAT4-PP3-A-1	Professional speakers for national and international project events, mentors, experts 85 / 100 characters	No	2.2	20,000.00	
3. Tallinn University	Communication	CAT4-PP3-C-1	Communication materials 23 / 100 characters	No	3.2	20,000.00	
5. Cleantech forEst	Events/meetings	CAT4-PP5-A-1	Participation and registration fees in national, EU-level and international CE related events 93 / 100 characters	No	1.2 1.3 2.1 3.1	7,000.00	
5. Cleantech forEst	Events/meetings	CAT4-PP5-A-1	Travel costs for external experts and speakers for national and international project events 92 / 100 characters	No	1.2 2.1 2.2 3.1	8,000.00	
5. Cleantech forEst	Other	CAT4-PP5-G-1	Communication materials 23 / 100 characters	No	3.1	2,000.00	
6. Circular economy	Other	CAT4-PP6-G-1	Translation costs for project deliverables and outputs, event materials to National Language 92 / 100 characters	No	1.2 2.1 3.1	2,000.00	
6. Circular economy	Events/meetings	CAT4-PP6-A-1	Travel costs for external experts and speakers for national and international project events 92 / 100 characters	No	1.2 2.1 3.1	4,000.00	
6. Circular economy	Events/meetings	CAT4-PP6-A-1	Communication materials 23 / 100 characters	No	3.1	3,000.00	
	Total					188,600.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
7. Valmiera Municip	Specialist support	CAT4-PP7-E-1	mapping on best solutions for RES technologies installment on municipal buildings (WP1 A4) 90 / 100 characters	No	1.4	10,000.00	
8. MB Katalistos Pa	Other	CAT4-PP8-G-2	Translation costs for project deliverables and outputs, event materials to National Language 92 / 100 characters	No	2.2 3.2	4,000.00	
8. MB Katalistos Pa	Events/meetings	CAT4-PP8-A-2	Travel costs for external experts and speakers for national and international project events 92 / 100 characters	No	2.2 3.2	5,000.00	
	Total					188,600.00	

7.1.2 Equipment

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
1. Riga Technical U	Laboratory equipmen	CAT5-PP1-D-0	Equipment for aerobic and anaerobic process for wastewater treatment/posttreatment 82 / 100 characters	No	1.4	150,000.00	
1. Riga Technical U	Laboratory equipmen	CAT5-PP1-D-0	Laboratory containers, columns and sensors for wastewater treatment/posttreatment 82 / 100 characters	No	1.4	75,000.00	
1. Riga Technical U	Laboratory equipmen	CAT5-PP1-D-0	Outdoor stormwater management installations as rain gardens, swales, permeable and porous pavements 99 / 100 characters	No	1.4	75,000.00	
1. Riga Technical U	Laboratory equipmen	CAT5-PP1-D-0	Laboratory tools as beakers, flasks, test tubes, etc. 54 / 100 characters	No	1.4	12,000.00	
2. Kaunas Universit	Laboratory equipmen	CAT5-PP2-D-0	equipment for shredding 31 / 100 characters	No	1.4	10,000.00	
	Total					702,000.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
2. Kaunas Universit	Laboratory equipmen	CAT5-PP2-D-0	equipment for flotation and drying 48 / 100 characters	No	1.4	30,000.00	
2. Kaunas Universit	Laboratory equipmen	CAT5-PP2-D-0	equipment for extrusion 31 / 100 characters	No	1.4	15,000.00	
2. Kaunas Universit	Laboratory equipmen	CAT5-PP2-D-0	spare parts and accessories 34 / 100 characters	No	1.4	5,000.00	
2. Kaunas Universit	Laboratory equipmen	CAT5-PP2-D-0	optical separators 20 / 100 characters	No	1.4	10,000.00	
3. Tallinn University	Laboratory equipmen	CAT5-PP3-D-1	Crushing systems, screening systems 35 / 100 characters	No	1.4	40,000.00	
3. Tallinn University	Laboratory equipmen	CAT5-PP3-D-1	Hydro cyclones 14 / 100 characters	No	1.4	50,000.00	
3. Tallinn University	Laboratory equipmen	CAT5-PP3-D-1	Belt conveyor systems for material transportation between the systems 69 / 100 characters	No	1.4	30,000.00	
3. Tallinn University	Laboratory equipmen	CAT5-PP3-D-1	Grinding systems 16 / 100 characters	No	1.4	50,000.00	
7. Valmiera Municip	Other specific equip	CAT5-PP7-H-1	Purchase and installation of RES technologies for increasing energy independence (WP2 A2) 89 / 100 characters	No	1.4	150,000.00	
	Total					702,000.00	

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 Technical Univeristy	Active 22/09/2022	LV	ERDF	80.00 %	851,411.20	681,128.96	170,282.24	For each partner, the State aid relevance and applied aid measure are defined in the **State aid section**
2-PP	Kaunas University of Technology	Active 22/09/2022	LT	ERDF	80.00 %	285,525.60	228,420.48	57,105.12	
3-PP	Tallinn University of Technology (TalTech)	Active 22/09/2022	EE	ERDF	80.00 %	678,452.00	542,761.60	135,690.40	
4-PP	Alter Labs, LTD	Active 22/09/2022	LV	ERDF	80.00 %	314,496.00	251,596.80	62,899.20	
5-PP	Cleantech forEst	Active 22/09/2022	EE	ERDF	80.00 %	140,203.60	112,162.88	28,040.72	
6-PP	Circular economy	Active 22/09/2022	LT	ERDF	80.00 %	151,656.80	121,325.44	30,331.36	
7-PP	Valmiera Municipality Government	Active 22/09/2022	LV	ERDF	80.00 %	272,694.40	218,155.52	54,538.88	
8-PP	MB Katalistos Partneriai (brand name: "Katalista Ventures")	Active 22/09/2022	LT	ERDF	80.00 %	156,576.00	125,260.80	31,315.20	
Total ERDF						2,851,015.60	2,280,812.48	570,203.12	
Total						2,851,015.60	2,280,812.48	570,203.12	

7.3 Spending plan per reporting period

	EU partners (ERDF)		Total	
	Total	Programme co-financing	Total	Programme co-financing
Period 1	342,121.87	273,697.51	342,121.87	273,697.51
Period 2	798,284.36	638,627.48	798,284.36	638,627.48
Period 3	456,162.49	364,929.99	456,162.49	364,929.99
Period 4	684,243.74	547,394.99	684,243.74	547,394.99
Period 5	228,081.24	182,464.99	228,081.24	182,464.99
Period 6	342,121.90	273,697.52	342,121.90	273,697.52
Total	2,851,015.60	2,280,812.48	2,851,015.60	2,280,812.48