

1. Identification

Call

Date of submission

C1

26/04/2022

1.1. Full name of the project

Circular Economy makerspaces

28 / 250 characters

1.2. Short name of the project

Circular spaces

15 / 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

31/12/2024

Duration of implementation phase (months)

24

Closure start

01/01/2025

Closure end

31/03/2025

1.7. Project summary

The project "Circular spaces" will enhance at least 15% (5 from an average of 40) of maker spaces to circular business principles in the Baltic Sea region during the 36 months. The specific objective is to form a consortium of the BSR makerspaces to cooperate in the field of eco-design and material reuse, as well as to further develop a Digital circular collaboration tool that boosts maker and supplier cooperation in the field of the circular economy. At least 300 makers/start-ups will be trained and involved in the production of more circular products and at least 6 circular business ideas will be piloted.

Makerspaces are not as environmentally-oriented as often proclaimed in literature and media, therefore attitude - behaviour gap should be decreased. However, certain maker groups do have a high potential of being activated as sustainability advocates by using circular economy principles. They can take on the role of early adopters of techniques for environmentally friendly product development and for doing that easy access to information, practices, methods, and sustainable materials are necessary. Supporting makers with an intrinsic or extrinsic motivation to take on the role of sustainability frontiersperson in the community by providing knowledge and guiding methods and tools is essential to decreasing the attitude-behaviour gap. Makers' communities are bodies of collaborative learning and collective knowledge where different types of barriers can be overtaken.

1,495 / 1,500 characters

1.8. Summary of the partnership

The partnership consists of motivated maker space providing and supporting organizations covering 6 of the BSR programmes countries. Partners will use their expertise, experience and know-how to achieve the project's set results and goals and will distribute the results in the region. All partners are involved in each work package meanwhile each of them has a role and tasks in the project.

The composition of the parents includes at least 5 maker spaces, 2 business support organizations, 1 university and 1 County council. The maker spaces will focus on their transformation into circular maker spaces, business support organizations provide both expert share and transferring solutions, the university will prove professional expertise in business models and processes, training programme development and piloting, meanwhile, Valmiera County council acts based on the county's circular strategy and will ensure stability and management of the project by letting maker spaces and business support organizations focus on outputs.

The partnership covers both target groups and transferring solution networks in the BSR. Maker spaces are the main target group because they will transform into circular maker spaces with the aim to improve circular economy enlargement between SMEs and society. They also cover 2nd target group - interest groups, who are their next clients after SMEs and start-ups. Also, Business support and cooperating organizations are the target group of the project and their role is more focused on expertise, transferring solutions, and enlarging the capacity of the circular economy in the Baltic Sea region.

There is a wide representation of partners from Latvia due to that both maker spaces in Latvia are strong cooperating partners since opening and also both organizations cover 2 competitive regions of Latvia - Kurzeme and Vidzeme. They also jointly developed a basic idea of the project and what was jointly improved with other partners. There are different smaller maker spaces in Lithuania, but most of them are not ready to take part in international projects. meanwhile, business support organizations such as Technology park and Innovation centre have options to participate in international projects and, most importantly, to develop circular maker spaces in future and they also will transfer solutions to Lithuania's SMEs and smaller maker spaces.

Potential partner organizations from missing countries were invited to the partnership and they all were very supportive of the project idea. Meanwhile, there were different types of obstacles to why organizations took the decision not to participate in the project as partners.

All partners will implement, manage the project, communicate about the results and will take responsibility for outputs after the end of the project.

2,829 / 3,000 characters

1.11. Project Budget Summary

Financial resources [in EUR]		Preparation costs	Planned project budget
ERDF	ERDF co-financing	0.00	1,219,819.44
	Own contribution ERDF	0.00	304,954.86
	ERDF budget	0.00	1,524,774.30
NO	NO co-financing	0.00	96,828.50
	Own contribution NO	0.00	96,828.50
	NO budget	0.00	193,657.00
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	1,316,647.94
	Total own contribution	0.00	401,783.36
	Total budget	0.00	1,718,431.30

2. Partnership

2.1. Overview: Project Partnership

2.1.1 Project Partners

No.	LP/PP	Organisation (English)	Organisation (Original)	Country	Type of partner	Legal status	Partner budget in the project	Active/inactive	
								Status	from
1	LP	Valmiera County council	Valmieras novada pašvaldība	LV	Regional public authority	a)	227,328.00 €	Active	22/09/2022
2	PP	Foundation „Ventspils High Technology Park”	Nodibinājums „Ventspils Augsto tehnoloģiju parks”	LV	NGO	b)	298,190.40 €	Active	22/09/2022
3	PP	Valmiera Development Agency	Valmieras Attīstības aģentūra	LV	NGO	b)	178,925.60 €	Active	22/09/2022
4	PP	Kaunas Science and Technology Park	Kauno mokslo ir technologijų parkas	LT	NGO	a)	187,414.40 €	Active	22/09/2022
5	PP	Lithuanian Innovation Centre	Viešoji įstaiga Lietuvos inovacijų centras	LT	Business support organisation	a)	203,091.20 €	Active	22/09/2022
6	PP	Creator Makerspace	Creator Makerspace	NO	NGO	b)	193,657.00 €	Active	22/09/2022
7	PP	Maker	Maker	DK	NGO	b)	247,367.10 €	Active	22/09/2022
8	PP	Technical University of Applied Sciences Wildau	Technische Hochschule Wildau	DE	Higher education and research institution	a)	182,457.60 €	Active	22/09/2022

2.1.2 Associated Organisations

No associated organisations found

2.2 Project Partner Details - Partner 1

LP/PP

Partner Status

Active from **Inactive from**

Partner name:

Organisation in original language 28 / 250 characters

Organisation in English 24 / 250 characters

Department in original language 19 / 250 characters

Department in English 22 / 250 characters

Partner location and website:

Address 17 / 250 characters **Country**

Postal Code	<input type="text" value="LV-4200"/> <small>7 / 250 characters</small>	NUTS1 code	<input type="text" value="Latvija"/>
Town	<input type="text" value="Valmiera"/> <small>9 / 250 characters</small>	NUTS2 code	<input type="text" value="Latvija"/>
Website	<input type="text" value="www.valmierasnovads.lv"/> <small>22 / 100 characters</small>	NUTS3 code	<input type="text" value="Vidzeme"/>

Partner ID:

Organisation ID type	<input type="text" value="Unified registration number (Vienotais reģistrācijas numurs)"/>		
Organisation ID	<input type="text" value="90000043403"/>		
VAT Number Format	<input type="text" value="LV + 11 digits"/>		
VAT Number	<input type="checkbox"/> N/A	<input type="text" value="LV90000043403"/> <small>13 / 50 characters</small>	
PIC	<input type="text" value="n/a"/> <small>3 / 9 characters</small>		

Partner type:

Legal status	<input type="text" value="a) Public"/>		
Type of partner	<input type="text" value="Regional public authority"/>	<input type="text" value="Regional council, etc."/>	
Sector (NACE)	<input type="text" value="84.11 - General public administration activities"/>		

Partner financial data:

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

Role of the partner organisation in this project:

Valmiera County Council is located in the city of Valmiera, Valmiera County, Latvia. Valmiera County Council is the leading partner of the project and will be responsible for the overall implementation and coordination of the project, including management, financial management, reporting, successful internal and external communication, etc. Valmiera County Council is also one of the creators and supporters of Valmiera's maker space DARE. The municipality's task within the project will be to provide suitable conditions in DARE to ensure the implementation of the principles of circular economy as well as the active involvement of the community. The Valmiera County Council will also contribute by helping to involve the makers' community to which it has direct access.

774 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 2

LP/PP	<input type="text" value="Project Partner"/>		
Partner Status	<input type="text" value="Active"/>		
Active from	<input type="text" value="22/09/2022"/>	Inactive from	<input type="text"/>

Partner name:

Organisation in original language	<input type="text" value="Nodibinājums „Ventspils Augsto tehnoloģiju parks”"/> <small>49 / 250 characters</small>
Organisation in English	<input type="text" value="Foundation „Ventspils High Technology Park”"/> <small>43 / 250 characters</small>

Department in original language 3 / 250 characters

Department in English 3 / 250 characters

Partner location and website:

<p>Address <input type="text" value="Ventspils Augsto tehnoloģiju parks 1"/> 36 / 250 characters</p> <p>Postal Code <input type="text" value="LV-3602"/> 7 / 250 characters</p> <p>Town <input type="text" value="Ventspils"/> 9 / 250 characters</p> <p>Website <input type="text" value="www.vhtp.lv"/> 11 / 100 characters</p>	<p>Country <input type="text" value="Latvia"/></p> <p>NUTS1 code <input type="text" value="Latvija"/></p> <p>NUTS2 code <input type="text" value="Latvija"/></p> <p>NUTS3 code <input type="text" value="Kurzeme"/></p>
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Partner ID:

Organisation ID type

Organisation ID

VAT Number Format

VAT Number 13 / 50 characters

PIC 9 / 9 characters

Partner type:

Legal status

Type of partner

Sector (NACE)

Partner financial data:

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

<p>Financial data</p> <p>Reference period <input type="text" value="01/01/2021"/> – <input type="text" value="31/12/2021"/></p> <p>Staff headcount [in annual work units (AWU)]</p> <p style="padding-left: 20px;">Employees [in AWU]</p> <p style="padding-left: 20px;">Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]</p> <p style="padding-left: 20px;">Owner-managers [in AWU]</p> <p style="padding-left: 20px;">Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]</p> <p>Annual turnover [in EUR]</p> <p>Annual balance sheet total [in EUR]</p> <p>Operating profit [in EUR]</p>	<p><input type="text" value="25.0"/></p> <p><input type="text" value="22.0"/></p> <p><input type="text" value="0.0"/></p> <p><input type="text" value="3.0"/></p> <p><input type="text" value="0.0"/></p> <p><input type="text" value="1,334,400.00"/></p> <p><input type="text" value="3,296,347.00"/></p> <p><input type="text" value="823.00"/></p>
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Role of the partner organisation in this project:

VHTP is a foundation which contributes to the economy of the city of Ventspils and the Kurzeme region by promoting the development of emerging industries and the creation of new well-paid jobs. The VHTP manages Ventspils design maker space RADE which is a production unit room where both individual users and entrepreneurs can create a variety of products. The RADE has various production units meant to transfer any design to a product. e.g. composite materials, textile, metal, plastic etc. The organization will be co-leader of WP3 Transferring solutions and will lead the development and piloting of the Digital circular collaboration tool. The VHTP will be responsible for the informative campaign about the tool in the BSR region. RADE will be one of the maker spaces that will transform into a circular maker space during the project, therefore will decrease the attitude-behaviour gap. Within RADE, makers will receive training about circular economy business models and activities.

989 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 3

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

Partner name:

Organisation in original language	Valmieras Attīstības aģentūra			30 / 250 characters
Organisation in English	Valmiera Development Agency			27 / 250 characters
Department in original language	N/A			3 / 250 characters
Department in English	N/A			3 / 250 characters

Partner location and website:

Address	12 Purva Street	15 / 250 characters	Country	Latvia
Postal Code	LV-4201	7 / 250 characters	NUTS1 code	Latvija
Town	Valmiera	9 / 250 characters	NUTS2 code	Latvija
Website	develoervalmiera.lv	18 / 100 characters	NUTS3 code	Vidzeme

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)			
Organisation ID	40008054745			
VAT Number Format	LV + 11 digits			
VAT Number	N/A <input type="checkbox"/>	LV40008054745	13 / 50 characters	
PIC	898525066			9 / 9 characters

Partner type:

Legal status

Type of partner

Sector (NACE)

Partner financial data:

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

Financial data	Reference period		
	<input type="text" value="01/01/2021"/>	-	<input type="text" value="31/12/2021"/>
Staff headcount [in annual work units (AWU)]			<input type="text" value="14.0"/>
Employees [in AWU]			<input type="text" value="12.0"/>
Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			<input type="text" value="0.0"/>
Owner-managers [in AWU]			<input type="text" value="2.0"/>
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			<input type="text" value="0.0"/>
Annual turnover [in EUR]			<input type="text" value="339,122.00"/>
Annual balance sheet total [in EUR]			<input type="text" value="148,445.00"/>
Operating profit [in EUR]			<input type="text" value="5,883.00"/>

Role of the partner organisation in this project:

Valmiera Development Agency is located in the city of Valmiera, Valmiera County, Latvia. Valmiera Development Agency will be involved in the project with its maker space DARE. Within the project, DARE will be strengthened by applying more circular economy principles to its daily operations. DARE will also involve the makers' community and help them to adopt circular approaches by providing makers with relevant services, networking, workshops and other activities.

The DARE will be involved in the development, piloting of all 3 outputs:

- their maker space will transform into a circular maker space
- they will jointly develop and pilot training programmes/workshops for makers, and SMEs to transform their products and business models in a circular way.
- they will jointly develop and pilot the Digital circular collaboration tool
- they will pilot circular business ideas, products
- they will transfer solutions to makers, SMEs and other organizations in Latvia.

978 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 4

LP/PP

Partner Status

Active from **Inactive from**

Partner name:

Organisation in original language 35 / 250 characters

Organisation in English 34 / 250 characters

Department in original language 3 / 250 characters

Department in English 3 / 250 characters

Partner location and website:

<p>Address <input type="text" value="K. Petrausko g.26"/> 17 / 250 characters</p> <p>Postal Code <input type="text" value="44156"/> 5 / 250 characters</p> <p>Town <input type="text" value="Kaunas"/> 6 / 250 characters</p> <p>Website <input type="text" value="https://www.kaunomtp.lt/"/> 24 / 100 characters</p>	<p>Country <input type="text" value="Lithuania"/></p> <p>NUTS1 code <input type="text" value="Lietuva"/></p> <p>NUTS2 code <input type="text" value="Vidurio ir vakarų Lietuvos regionas"/></p> <p>NUTS3 code <input type="text" value="Kauno apskritis"/></p>
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Partner ID:

Organisation ID type

Organisation ID

VAT Number Format

VAT Number 14 / 50 characters

PIC 9 / 9 characters

Partner type:

Legal status

Type of partner

Sector (NACE)

Partner financial data:

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

Role of the partner organisation in this project:

Kaunas Science and Technology Park (Kaunas STP) helps startups and already growing tech companies to increase transnational competitiveness, consults companies on business development issues, provides innovation support services, develops an innovation community and fosters innovation culture in the Kaunas region. Kaunas STP stimulates science and business collaboration. Will provide support services that help companies adopt a more eco-design and circular approach. Creating a prototype of service/product/system/solution supporting the process of implementation of Circular Economy. The organization will be involved in the development and piloting of a training programme, a Digital circular collaboration tool, outputs will be shared within the start-up and organization's network in Lithuania and the BSR region.

825 / 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	<input type="text" value="Project Partner"/>		
Partner Status	<input type="text" value="Active"/>		
	Active from	<input type="text" value="22/09/2022"/>	Inactive from
		<input type="text"/>	<input type="text"/>

Partner name:

Organisation in original language	<input type="text" value="Viešoji įstaiga Lietuvos inovacijų centras"/>	<small>42 / 250 characters</small>
Organisation in English	<input type="text" value="Lithuanian Innovation Centre"/>	<small>28 / 250 characters</small>
Department in original language	<input type="text" value="Inovacijų analizės ir politikos departamentas"/>	<small>45 / 250 characters</small>
Department in English	<input type="text" value="Innovation analysis and policy department"/>	<small>41 / 250 characters</small>

Partner location and website:

Address	<input type="text" value="Mokslininkų g. 6A"/>	<small>17 / 250 characters</small>	Country	<input type="text" value="Lithuania"/>
Postal Code	<input type="text" value="LT-08412"/>	<small>8 / 250 characters</small>	NUTS1 code	<input type="text" value="Lietuva"/>
Town	<input type="text" value="Vilnius"/>	<small>7 / 250 characters</small>	NUTS2 code	<input type="text" value="Sostinės regionas"/>
Website	<input type="text" value="www.lic.lt"/>	<small>10 / 100 characters</small>	NUTS3 code	<input type="text" value="Vilniaus apskritis"/>

Partner ID:

Organisation ID type	<input type="text" value="Legal person's code (Juridinio asmens kodas)"/>		
Organisation ID	<input type="text" value="110066875"/>		
VAT Number Format	<input type="text" value="Please select"/>		
VAT Number	<input checked="" type="checkbox"/> N/A	<input type="text"/>	<small>0 / 50 characters</small>
PIC	<input type="text" value="999456476"/>		
			<small>9 / 9 characters</small>

Partner type:

Legal status	<input type="text" value="a) Public"/>		
Type of partner	<input type="text" value="Business support organisation"/>	<input type="text" value="Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc."/>	
Sector (NACE)	<input type="text" value="70.22 - Business and other management consultancy activities"/>		

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	<input type="text" value="No"/>
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Role of the partner organisation in this project:

The Public Institution Lithuanian Innovation Centre (LIC) is a non-profit organisation, providing innovation support services to enterprises, research institutions, industry associations and business support organisations. Will provide support services that help companies adopt a more eco-design and circular approach. Supports SMEs to transfer product/system/solutions into the process of implementation of Circular Economy. The organization will be involved in the development and piloting of a training programme, a Digital circular collaboration tool, results will be shared within a network of SMEs and other organizations in Lithuania.

643 / 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	<input type="text" value="Project Partner"/>		
Partner Status	<input type="text" value="Active"/>		
	Active from	<input type="text" value="22/09/2022"/>	Inactive from
		<input type="text"/>	<input type="text"/>

Partner name:

Organisation in original language	<input type="text" value="Creator Makerspace"/>			19 / 250 characters
Organisation in English	<input type="text" value="Creator Makerspace"/>			19 / 250 characters
Department in original language	<input type="text" value="N/A"/>			3 / 250 characters
Department in English	<input type="text" value="N/A"/>			3 / 250 characters

Partner location and website:

Address	<input type="text" value="Lagerveien 9"/>	12 / 250 characters	Country	<input type="text" value="Norway"/>
Postal Code	<input type="text" value="4033"/>	4 / 250 characters	NUTS1 code	<input type="text" value="Norge"/>
Town	<input type="text" value="Stavanger"/>	9 / 250 characters	NUTS2 code	<input type="text" value="Agder og Sør-Østlandet"/>
Website	<input type="text" value="www.creator.no"/>	14 / 100 characters	NUTS3 code	<input type="text" value="Agder"/>

Partner ID:

Organisation ID type	<input type="text" value="Organisation number (Organisasjonsnummer)"/>				
Organisation ID	<input type="text" value="816148812"/>				
VAT Number Format	<input type="text" value="NO + 9 digits + MVA"/>				
VAT Number	<input checked="" type="checkbox"/> N/A	<input type="text"/>			0 / 50 characters
PIC	<input type="text" value="N/A"/>				3 / 9 characters

Partner type:

Legal status	<input type="text" value="b) Private"/>
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Type of partner

Sector (NACE)

Partner financial data:

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

Financial data	Reference period	<input type="text" value="01/01/2021"/>	-	<input type="text" value="31/12/2021"/>
	Staff headcount [in annual work units (AWU)]			<input type="text" value="4.0"/>
	Employees [in AWU]			<input type="text" value="3.0"/>
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			<input type="text" value="0.0"/>
	Owner-managers [in AWU]			<input type="text" value="1.0"/>
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			<input type="text" value="0.0"/>
	Annual turnover [in EUR]			<input type="text" value="132,029.00"/>
	Annual balance sheet total [in EUR]			<input type="text" value="57,920.00"/>
	Operating profit [in EUR]			<input type="text" value="-63,755.00"/>

Role of the partner organisation in this project:

The Creator is a non-profit makers pace in Stavanger, Norway. Their clients are both individuals and businesses, makers, hobbyists, innovators, specialists, businesses technologists, inventors and hard workers.
 The maker space is a prototype workshop where people with common interests meet to work on projects and share ideas, equipment and knowledge.
 Creator's goal is to be an attractive meeting and work venue for makers and to help create workplaces in the region.

The main role is to be one of the maker spaces which will transform into a circular maker space by training, piloting circular business ideas, developing and piloting the Digital Circular collaboration tool and in the end, will decrease the attitude-behaviour gap. In joint cooperation, the experience in the field of eco-design, material reuse, and circular economy, digital tool development will be shared. The maker space also will pilot cross-border eco-design circular business ideas.

963 / 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

Partner Status

Active from **Inactive from**

Partner name:

Organisation in original language 5 / 250 characters

Organisation in English 5 / 250 characters

Department in original language 3 / 250 characters

Department in English 3 / 250 characters

Partner location and website:

Address	<input type="text" value="Christians Brygge 31"/> <small>20 / 250 characters</small>	Country	<input type="text" value="Denmark"/>
Postal Code	<input type="text" value="1219"/> <small>4 / 250 characters</small>	NUTS1 code	<input type="text" value="Denmark"/>
Town	<input type="text" value="Copenhagen"/> <small>10 / 250 characters</small>	NUTS2 code	<input type="text" value="Hovedstaden"/>
Website	<input type="text" value="www.maker-effekt.dk"/> <small>19 / 100 characters</small>	NUTS3 code	<input type="text" value="Københavns omegn"/>

Partner ID:

Organisation ID type	<input type="text" value="Civil registration number (CPR)"/>
Organisation ID	<input type="text" value="36576871"/>
VAT Number Format	<input type="text" value="DK + 8 digits"/>
VAT Number	<input type="checkbox" value="N/A"/> <input type="text" value="DK36 57 68 71"/> <small>13 / 50 characters</small>
PIC	<input type="text" value="912407706"/> <small>9 / 9 characters</small>

Partner type:

Legal status	<input type="text" value="b) Private"/>	
Type of partner	<input type="text" value="NGO"/>	<input type="text" value="Non-governmental organisations, such as Greenpeace, WWF, etc."/>
Sector (NACE)	<input type="text" value="94.12 - Activities of professional membership organisations"/>	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	<input type="text" value="Yes"/>	
Financial data	Reference period	<input type="text" value="01/01/2021"/> – <input type="text" value="31/12/2021"/>
	Staff headcount [in annual work units (AWU)]	<input type="text" value="3.0"/>
	Employees [in AWU]	<input type="text" value="3.0"/>
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]	<input type="text" value="0.0"/>
	Owner-managers [in AWU]	<input type="text" value="0.0"/>
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]	<input type="text" value="0.0"/>
	Annual turnover [in EUR]	<input type="text" value="314,500.00"/>
	Annual balance sheet total [in EUR]	<input type="text" value="105,300.00"/>
	Operating profit [in EUR]	<input type="text" value="53,445.00"/>

Role of the partner organisation in this project:

The Maker believes that physical entrepreneurship, sustainable solutions and innovations must collaborate and the organization will play a role in creating green and circular solutions. That is why it gives creative, curious and energetic people the opportunity to realize their idea in the maker space. The Maker will be one of the maker spaces which transform into a circular maker space through training, digital tools, and workshops. And will lead also other partner maker spaces through the transformation process to the circular economy and business models. The maker space also will pilot cross-border eco-design circular business ideas. The main role will be to share existing expertise in circular maker spaces, circular production and products. The organization will transfer solutions both to the maker spaces and companies and network organizations in Denmark.

874 / 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

Partner Status

Active from Inactive from

Partner name:

Organisation in original language 28 / 250 characters

Organisation in English 47 / 250 characters

Department in original language 52 / 250 characters

Department in English 49 / 250 characters

Partner location and website:

Address <input type="text" value="Hochschulring 1"/> <small>15 / 250 characters</small>	Country <input type="text" value="Germany"/>
Postal Code <input type="text" value="15745"/> <small>5 / 250 characters</small>	NUTS1 code <input type="text" value="Brandenburg"/>
Town <input type="text" value="Wildau"/> <small>6 / 250 characters</small>	NUTS2 code <input type="text" value="Brandenburg"/>
Website <input type="text" value="www.th-wildau.de"/> <small>16 / 100 characters</small>	NUTS3 code <input type="text" value="Dahme-Spreewald"/>

Partner ID:

Organisation ID type

Organisation ID 13 / 50 characters

VAT Number Format

VAT Number N/A 11 / 50 characters

PIC 9 / 9 characters

Partner type:

Legal status

Type of partner

Sector (NACE)

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:

TH Wildau's potential for scientific innovation and development as well as its practically oriented academic offerings are what make TH Wildau a desirable partner for innovative small and medium-sized businesses, as well as large international firms. The University maker space perfectly presents existing cooperation. Study programmes cover the natural sciences, engineering, economics, law, business administration and management, which ensures the necessary expertise for the project.

The TH Wildau will be involved in the development, piloting of all 3 outputs:

- their maker space will transform into a circular maker space
- they will jointly develop and pilot training programmes/workshops for makers, and SMEs to transform their products and business models in a circular way.
- they will jointly develop and pilot the Digital circular collaboration tool
- they will transfer solutions to makers, SMEs and other organizations in Germany.

951 / 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 MAJS for a plausibility check on the State aid relevance. Does the partner want to do this?

Yes No

3. Relevance

3.1 Context and challenge

Over the last decade, an unprecedented boom of maker communities in Europe was witnessed. FabLabs, Hackerspaces and Makerspaces can be seen as the physical representations of the maker movement. These unique spaces seek to provide communities, businesses, and entrepreneurs with the infrastructures and manufacturing equipment indispensable to turn their ideas and concepts into reality.

Nowadays there are very few makers working in such fields as environment, eco-design, or material reuse. In accordance with the Overview of the Maker Movement, as of 2017, only 18 of 826 makerspaces in the whole European Union operated in the Environmental field, which is only 2%.

The main challenge in such makerspaces particularly in the Baltic Sea Region is the huge attitude-behaviour gap. This means that, on one hand, makers have awareness of the need for green and sustainable development, but on the other hand, they are often characterized by high consumption of resources. In other words, all makers are saying they are very green, resource-efficient, and sustainable but, in the reality, it is not reflected when creating new products or repairing the existing ones.

To solve this challenge the operator of makerspace must act as an example, who accumulates and provides material balances/waste, buys and offers recycled materials, etc. Additionally, provide equipment that makers can use to repair, reuse or recycle goods or produce new goods of eco-design.

But only providing materials and equipment will not be enough to change the attitude of the makers. That is why it is essential to introduce a variety of design thinking tools, methods and programs for makers to engage them in the movement of eco-makers. Applying such an approach would allow increases in the number of makerspaces operating in the field of environment as makerspaces have great untapped potential in the circular economy in the Baltic Sea Region.

1,927 / 2,000 characters

3.2 Transnational value of the project

The main value of transnational cooperation in this project is that it will allow the project partners to tackle a common challenge. This means that instead of trying to resolve it on their own and trying to reinvent the wheel, partners will join forces to find common solutions and generate new ideas. It will be possible by exchanging experience, knowledge, approaches, and skills each partner possesses.

It is important to stress that transnational cooperation allows adapting already existing solutions of one country to another one. It is possible by exchanging the best practices that have already been implemented before, additionally presenting the results that have been reached as well.

It is foreseen that transnational cooperation will also allow to development of a new innovative approach to increase the number of makerspaces. The approach will be tested not only in one but in all project partner countries. It means that it will be adapted to the needs of the particular country. This will allow presenting a developed approach to the local policymakers and demonstrate its feasibility.

The transnational partnership includes 13 partners from Latvia, Lithuania, Finland, Sweden, Norway, and Germany. This kind of cooperation will allow to efficiently reach the target groups and disseminate the information not only in the Baltic Sea region but way beyond it, as all partner institutions have a unique network of cooperation partners.

1,456 / 2,000 characters

3.3 Target groups

Target group	Sector and geographical coverage	Its role and needs
<p>Small and medium enterprise</p>	<p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p> <p>436 / 500 characters</p>	<p>Makers, start-ups and SMEs are the most flexible and creative groups. Medium and large enterprises need much more investments for developing circular business models, designs and principles in ongoing business than SMEs, makers and start-ups. SMEs are the backbone of Europe's economy. They represent 99% of all businesses in the EU. Maker spaces are places where part of them are borns. Based on Climate needs and EU strategy, the way to a circular economy can be achieved much faster by working with the biggest part of business representatives - SMEs.</p> <p>Their needs are quite clear - know-how, technical and financial support in the first steps and guidance for market entry. Maker spaces partly cover most of the needs. Most of the CE business models and designs are not so well known to them, therefore the project will provide support through technical support in circular maker spaces, training and workshops and a Digital circular collaboration tool.</p> <p>960 / 1,000 characters</p>

Target group	Sector and geographical coverage	Its role and needs
<p>Interest group</p>	<p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p> <p style="text-align: right;">483 / 500 characters</p>	<p>Depending on the maker space, interests groups as part of the customers are only 0 to 15%. Meanwhile, they can be drivers of society by starting with themselves by living circular way and maker spaces can provide a platform for repeating things, developing things from re-used materials, developing new products. Added-value of a circular economy for them is extending the lifetime of products, saving energy, resources and costs. The economy will be increased with new working places, companies, and sustainability by the circular economy in a wider understanding.</p> <p>To do so they need:</p> <ul style="list-style-type: none"> - more information about producing and living circular practices - training - circular maker spaces. <p style="text-align: right;">691 / 1,000 characters</p>
<p>Business support organisation</p>	<p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management.</p> <p>Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p> <p style="text-align: right;">320 / 500 characters</p>	<p>BSO plays an important role for enterprises to support, represent, raise awareness, and improve competitiveness and productivity in different fields of the business environment. Every year BSO also takes a more active role as stakeholders in the EU Green deal as main communicators, and advisors to the enterprises and also represent their needs to policymakers. They can be the main communicators about circular maker spaces in the BSR by inspiring other SMEs both to use maker space services and change to the circular business model. BSO can ensure SMEs with suppliers by circular B2B matchmaking events.</p> <p>To do so there are several options:</p> <ul style="list-style-type: none"> - to open circular maker space within the organization - to train their staff, trainers to consult, train enterprises about circular business models. - to develop expert, consult and cooperation partner networks in the field of circular business models and maker spaces. - to organize a communication campaign about CE. <p style="text-align: right;">967 / 1,000 characters</p>
<p>Regional public authority</p>	<p>Valmiera County Council plans to develop Circular Economy zones in the Valmiera till 2027 by developing special industrial zones and developing synergy with educational institutions, enterprises and other stakeholders.</p> <p>Most of the project partners are developed and funded by public organizations or strongly cooperate with them. Therefore the project results will impact public authorities too.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc.</p> <p style="text-align: right;">470 / 500 characters</p>	<p>CE is circular not only in the production process but also in society meaning that all parts of society are involved. Regional public authorities are leading drivers for circular economy maker spaces both by supporting and founding maker spaces. They are also policy and opinion-makers in society. They will be involved as stakeholders during the project implementation as one of the ensurers of the durability of project results.</p> <p>To do so they need:</p> <ul style="list-style-type: none"> - to be informed about project activities and achieved results and the importance of circular maker spaces. - to be involved in some part of decision making during the project, based on relevance. <p style="text-align: right;">651 / 1,000 characters</p>

3.4 Project objective

Your project objective should contribute to:

Circular economy

How does your project help the selected target groups meet their needs described in point 3.3?

The project will help to meet the needs of:

- For SMEs by developing circular maker spaces, and providing training, and workshops, the Digital Circular collaboration tool will ensure matchmaking.
- Interest groups by circular maker spaces, and providing training, and workshops.
- Business support organizations by partnership network in the BSR that acts actively in the CE field, by transferring solutions to SMEs and other BSOs.
- Regional public authorities by involving them in 2 international conferences (Latvia, Denmark both can be both online and in-person), being part of co-financiers of some of the partners will be involved stakeholders.

The main challenge is that makerspaces are not as environmentally-oriented as often proclaimed and need to change the attitude-behaviour gap. However, certain maker groups do have a high potential of being activated as sustainability advocates by using circular economy principles. Supporting target groups by the project which provides knowledge and guiding methods and tools is essential to maintaining motivation and changing mindset. In summary, the durability of the project outputs will be ensured by partners and outputs will ensure support to the main target groups act in a circular way in the long term. The project team aims to be leading circular changemakers in the BSR region which influences other maker spaces positively.

The project will provide a reasonable impact on the circular economy because at least 6 maker spaces will be transformed into circular maker spaces which will spread know-how to at least 350 SMEs and makers, who can share their know-how further. Also, maker spaces always can develop some circular unicorn, which develops steadily and makes a huge impact on the region due to that at least 6 circular business ideas will be piloted.

1,924 / 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 Bio-economy

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

The project will contribute to such Bio-economy actions:

- Bioeconomy Policies: the bioeconomy is complex and cuts across sectors where national and regional policymakers are involved. The project includes partnerships with regional policymakers and cooperation with them as one of the main stakeholders with activities described in WP3, partly WP1.
- Bio-based Business: the bioeconomy goes hand-in-hand with the private sector embracing new business opportunities. The circular maker spaces mainly ensure services to SMEs and start-ups. Also will guide them to circular business models and circular solutions and business matchmaking between, for example, biotechnology, life science, cleantech and circular economy business clusters.
- R&D and Innovation aims also to fertilise the emergence of entirely new value chains resulting from new sector cross-overs. The Circular maker spaces will ensure new circular product development within the cooperation sector cross-overs.
- Civil Society aims also to encourage more sustainable consumption of products. The Circular maker spaces will ensure this fully because every person will have the opportunity to repair things there, also SMEs produced products in circular maker spaces will be promoted as sustainable products.
- Outreach: there is a need for increasing awareness of the many opportunities afforded by the bioeconomy. The project communication activities will be informative events, materials and conferences in each partner country.

1,500 / 1,500 characters

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

The project strongly contributes also to PA Innovations, especially:

- Action 1 Challenge driven economy: the aim is to turn challenges into opportunities for sustainable growth and Circular maker spaces will ensure cooperation and innovation development in resource efficiency, and rapid and inclusive societies. The main activities will be the re-use of materials, shifting the mindset of production SMEs to circular business models. As result will be related to new value chains.
- Action 2 Digital innovation and transformation will be supported by developing the Digital circular collaboration tool, which will provide an opportunity to meet SMEs - makers with companies - suppliers of materials, what can be re-used or should find new solutions for them.
- Action 3 Co-creative innovation. The project partnership will act as a transnational platform even after the closing of the project and Circular maker spaces will be the change agents for start-ups, SMEs and individuals about the circular approach. This will support the need to connect BSR innovation ecosystems. CE's main principles focus on finding new solutions for the re-use of materials and new approaches in the production process with the aim to decrease waste. Innovations are a daily topic.

1,267 / 1,500 characters

3.6 Other political and strategic background of the project

Strategic documents

Circular economy action plan.

It is one of the main building blocks of the European Green Deal, Europe's new agenda for sustainable growth. The EU's transition to a circular economy will reduce pressure on natural resources and will create sustainable growth and jobs. As the project is aimed at makerspaces, it is directly connected to the action plan as it will focus on waste reduction, improving circularity, and making it accessible to everyone interested.

464 / 500 characters

The EU Ecodesign Directive.

The primary aim of the directive is to reduce energy use. It is also aimed at enforcing other environmental considerations including materials use, water use, polluting emissions, waste issues and recyclability. By implementing the project, it is foreseen to empower the reduction of waste and increase the use of recycled materials instead.

371 / 500 characters

Circular economy action plan.

It is one of the main building blocks of the European Green Deal, Europe's new agenda for sustainable growth. The EU's transition to a circular economy will reduce pressure on natural resources and will create sustainable growth and jobs. As the project is aimed at makerspaces, it is directly connected to the action plan as it will focus on waste reduction, improving circularity, and making it accessible to everyone interested.

462 / 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
<p>Next Generation Micro Cities of Europe</p> <p>38 / 200 characters</p>	<p>Urban Innovative Actions</p> <p>24 / 200 characters</p>	<p>Both maker spaces in Latvia - DARE and RADE are developed based on the project. The outcomes of the project - 2 maker spaces will be used further for continuous development of makers spaces and even to transformation to circular maker spaces, which will include technical insurance, know-how and tools both digital and physical. The whole complex will be used for ensuring circular services to the target audience of maker spaces.</p> <p>In the project cooperated Ventspils High Technology Park, Valmiera Development Agency and Valmiera County council.</p> <p>548 / 1,000 characters</p>
<p>Distributed Design Platform</p> <p>27 / 200 characters</p>	<p>Creative Europe</p> <p>15 / 200 characters</p>	<p>The partner organization Maker (Denmark) plans to cooperate with the Distributed Design Platform (2017 – 2025) to exchange knowledge and previous experiences engaging makers in sustainable product development within the project "Circular spaces".</p> <p>246 / 1,000 characters</p>

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
<p>ecoMaker</p> <p>8 / 200 characters</p>	<p>Deutsche Bundesstiftung Umwelt DBU (2019-2020)</p> <p>46 / 200 characters</p>	<p>The ecoMaker project focused on those users and aims, in particular, to impart practical knowledge about ecological sustainability in production and along the entire product life cycle. The focus is on product development in particular, as this is where decisions are made that have a significant impact on the sustainability of the final product.</p> <p>The different users in the Maker space are thus to be given the knowledge to promote collaborative knowledge transfer as well as concrete tools for designing resource-saving individual products.</p> <p>In detail, the project designed and implemented four different approaches in the form of modules (i.e. workshops, analysis assistant, teaching and learning platform and exhibition).</p> <p>As a project with model character, ecoMaker led to results, that are useful for other makerspaces and their communities.</p> <p>855 / 1,000 characters</p>
<p>CIRCULAR HRM – Enhancing circular skills and jobs through human resources management training</p> <p>93 / 200 characters</p>	<p>Erasmus+</p> <p>9 / 200 characters</p>	<p>Contribute to the resource's development with a circular approach to the management of the human resources of the companies.</p> <p>A new approach to human resources management (HRM) must be adopted so that the circular economy can also respond to the social problems that the linear economy produces (unemployment, skills mismatch, stress and depression in the workplace etc.). Workers need to develop long-term and interdisciplinary thinking. Creativity, consciousness and pro-activity will be essential for the human resources (HR) of the future. The development of HR according to circular economy principles is an important precondition for a sustainable and competitive economy. Adapt and enrich project-related resources with Circular HRM outputs, specifically:</p> <ul style="list-style-type: none"> - Systemized principles of circular human resource management for firms. - European Qualification Framework for HR managers. - Training programmes and a trainers' guide. <p>Experience and best practices will be shared during the project.</p> <p>998 / 1,000 characters</p>

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

20%

4.1 Project management

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

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

The project management will be ensured on two levels – on the project and the organisational level. The lead partner will be responsible for the communication with MA/JS and coordination of the project. Project managers from each partner organisation will be responsible to implement project activities and contribute to tasks.

Each partner organisation will be responsible to carry out a national stakeholder meeting at the end of the project to inform relevant organisations on the national level.

500 / 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.

At the beginning of the project, each partner organisation will appoint a financial manager in their organisation. This person will be responsible to monitor planned budget expenditure during the whole project period in the partner organisation and preparing the financial reports for the project as well.

Each partner organisation will also create a separate bookkeeping account for only project-related expenses. This will be done to ensure easier and more transparent use of project funding.

496 / 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.

At the first partner meeting, the project lead partner will prepare information about the communication guidelines, which have to be followed during the whole project period.

Each partner organisation will post a project description on their social media, respecting the visual identity of the programme.

To ensure the dissemination of the project, each partner will prepare the communication and dissemination plan, mentioning the platforms and tools they will use to share project-related news.

498 / 500 characters

4.4 Cooperation criteria

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

Cooperation criteria

Joint Development

Joint Implementation

Joint Staffing

Joint Financing

5. Work Plan

Number	Work Package Name										
1	WP1 Preparing solutions										
	<table border="1"> <thead> <tr> <th>Number</th> <th>Group of Activity Name</th> </tr> </thead> <tbody> <tr> <td>1.1</td> <td>Improving physically makerspaces</td> </tr> <tr> <td>1.2</td> <td>Preparing education programs</td> </tr> <tr> <td>1.3</td> <td>Digital circular collaboration tool</td> </tr> </tbody> </table>	Number	Group of Activity Name	1.1	Improving physically makerspaces	1.2	Preparing education programs	1.3	Digital circular collaboration tool		
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1.3	Digital circular collaboration tool										
2	WP2 Piloting and evaluating solutions										
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Work plan overview

	Period: 1	2	3	4	Leader
WP.1: WP1 Preparing solutions					PP1
A.1.1: Improving physically makerspaces					PP1
D.1.1: Guideline "Transformation of maker spaces into circular maker spaces"		D			PP1
A.1.2: Preparing education programs					PP5
D.1.2: Prepared Circular maker space education programme		D			PP5
A.1.3: Digital circular collaboration tool					PP2
D.1.3: Developed Digital circular collaboration tool		D			PP2
WP.2: WP2 Piloting and evaluating solutions					PP7
A.2.1: Piloting circular maker spaces					PP7
O.2.1: Circular maker spaces				O	PP7
A.2.2: Piloting training programme					PP6
O.2.2: 2.2 Circular maker space education programme				O	PP6
A.2.3: Piloting the Digital circular collaboration tool					PP2
O.2.3: 2.3. Digital circular collaboration tool				O	PP2
A.2.4: Evaluation and finalization of the piloting activities					PP1
D.2.4: Evaluation report of 3 pilots				D	PP1
WP.3: WP3 Transferring solutions					PP8
A.3.1: Informative campaign of digital toolkit for target groups of BSR					PP2
D.3.1: Digital toolkit guidelines				D	PP2
A.3.2: Dissemination and promotion of the project results					PP1
D.3.2: Recognition of the project and its results on the national and international level				D	PP1

Outputs and deliverables overview

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

D 1.1	Guideline "Transformation of maker spaces into circular maker spaces"	<p>The purpose of the guideline is to increase the transferability of the project outputs to other organizations and maker spaces in the Baltic Sea region. It will provide practical know-how share and ready to use documents as the first step for every maker space. At first, the guideline is a necessary tool for involved maker spaces to start the process of transformation into circular maker spaces. Secondly, it will increase the quality and common sense of the output. The guideline will include: - description "What is the circular economy and its importance in the Baltic Sea region" - description "What are circular maker spaces and their role in the business environment in the BSR" - description "How to develop circular maker space step by step?" - practical tools - templates: -- Checklist: "Must have things to in being circular maker space" -- roadmap for transforming maker spaces into the circular maker spaces -- check-list "Focus group discussion with target group: format, technical needs, main questions etc" --other tools</p> <p>The above mention topics might be improved and updated during the development process. The guideline will be developed in English and published in partners networks. Based on the Guidelines, maker spaces will make analyses of needs, existing situations, and opportunities and based on the roadmaps, will make firsts steps and physically (equipment, premises) changes in maker space till status: "ready to pilot". Piloting and evaluation will be in WP2.</p>	O 2.1. Circular maker spaces	Yes
D 1.2	Prepared Circular maker space education programme	<p>The developed training programme will include all relevant information that can be effectively used, in order to help decrease the attitude-behaviour gap and adopt the circular approaches. It will include information about the topics and their importance, good practices that have been implemented in other countries, and requirements for trainers. The training programme will be aimed at makers, makerspaces, suppliers, start-ups, SMEs, business support organisations, and other relevant stakeholders that can be direct beneficiaries of it. This training programme will be piloted in WP2 (activity 2.2). And as the evaluation will also take place in the WP2 (activity 2.4), it is going to be possible to improve the training programme after the training has been piloted. Training materials that will be used during the piloting will be listed in the annexes of the training programme, so every interested person could see what they include. The developed training programme will be promoted in the WP3. To be more specific, at the regional seminars and workshops, and international conferences. The training programme will also be shared amongst each project partner country's national authorities and policy makers to raise more awareness about it. Additionally, project partners will promote the training programme via newsletters, and social media accounts, during the 3rd party presentations. The training programme will also be published on each partner's website making it accessible to every interested person.</p>	O. 2.2. Circular maker space education programme	
D 1.3	Developed Digital circular collaboration tool	<p>The developed Digital circular collaboration tool will help makers and makerspaces transit from linear to circular business models. During and after the end of the project, responsible partner of this tool will be PP2. The main idea of the tool—the matchmaking process, during which the supplier and makers can meet. Additionally, it will help to track the journey of the components and materials, as well as to virtualise products. Developed tool will be aimed not only at makers and makerspaces, but also at different suppliers, SMEs, and business support organisations. In other words, any relevant stakeholder that can and is willing to help makers and makerspaces transit to the circular business model. To add more, users will benefit in the way of creating new contacts which will directly benefit them, allowing them to potentially improve their business. In order to test the efficiency of the developed tool, it will be piloted in the WP2(activity 2.3), where all project partners will be invited to use it and encourage the makerspaces and makers in their relevant countries to do the same. After the piloting, the evaluation will be carried out(activity 2.4). By carrying out the evaluation, received answers will allow improving the digital tool making it even more relevant to use. Information about the tool will be promoted in the WP3 at the regional events in each country, as well as at the final conferences. Additionally, all relevant information will be published and spread via project partner newsletters, and social media, during the 3rd party presentations. Each project partner will also make a publication on their website where the digital tool will be available to use. Information about the developed tool will be presented to national authorities and sectoral associations. It will be done to share the information about the digital tool and to potentially look for the support allowing to continue the usage of the digital tool after the project officially ends.</p>	O 2.3. Digital circular collaboration tool	

O 2.1	Circular maker spaces	<p>The purpose of the output is to reduce the attitude-behaviour gap in maker spaces in the Baltic Sea region in the circular economy field and support the development of the Baltic Sea Region as a more sustainable and environmentally friendly and circular region. The output will be at least 5 existing maker spaces that will transform from linear to circular maker spaces: Latvia (2 - Valmiera and Ventspils), Denmark(1 - Copenhagen), Germany (1 - Wildau), Norway (1 - Stavanger). The main need for transformation is connected with premises, equipment (O 2.1.) and education (O 2.2.) and tools (O 2.3.) both for maker spaces and makers, SMEs, and startups. The output 2.1. focuses directly on ensuring the technical needs for maker spaces and piloting the results by pilot circular products, prototypes, business models, and design in the Baltic Sea region. The project team believes that circular maker spaces will have a positive impact on SMEs, makers and start-ups' to change their mindset and attitudes about the circular economy and act more sustainable. Important to note, that maker spaces are places, where often rises SMEs and for them setting a circular business model in the development phase of the company is easier, than changing the business model of an existing company, a long term operating company. Transnational value is a circular maker space network, that will spread solutions during and even after the end of the project to the other maker spaces in the region. The network will ensure a cross-border circular supply chain between maker spaces, and suppliers in the region and will be ready to share its best practice and experience with others.</p>		
O 2.2	2.2 Circular maker space education programme	<p>As the activities will be carried out, it is going to be possible to improve and finalise the Circular maker space education programme. It is planned that this training programme will be used after the end of the project as well, helping to educate more makerspaces, makers, SMEs, start-ups, business organisations, and others. This output contains the solution to how the attitude-behaviour gap can be decreased in makerspaces, start-ups, and business support organisations. And how the circular approaches can be adopted and integrated with the relevant stakeholder's daily work life. As the output will be piloted on the transnational level, it will provide additional opportunities to include some of the good practices in the training programme. It will allow the users to see how this challenge is being solved in other countries and how the SMEs and other relevant stakeholders apply the circular approaches in their work. Such examples are essential, as they can inspire others to take them up and adopt them as well. The developed training programme will be published and available on each partner's website. To raise more awareness about it, information will be disseminated in the project partner's social media channels, newsletters, and presented at the 3rd party events in all project countries. Additionally, results will be presented in WP3 at the regional seminars and workshops, as well as at the international conferences. It is going to be shared with the national and regional authorities, as well as with the policy makers. For even more credibility of the training programme's effectiveness, it is going to be shared together with the evaluation report, where all feedback of the participants from all countries will be summed up. Training programme and results will also be shared with different sectoral associations and business support organisations, as they gather relevant SMEs in different fields. This would allow continuing to use the training programme after the project is officially finished.</p>		
O 2.3	2.3. Digital circular collaboration tool	<p>Thanks to the piloted activities, it is going to be possible to improve, update, and finalise the Digital circular collaboration tool. The developed tool will help to match relevant users, track the journey of the components and materials, and help to virtualise products and the use of recycled materials. The Digital circular collaboration tool will be in English and the responsible partner during and after the project will be PP2. Based on the success of the developed tool, if the number of users will increase and demand will increase as well, the tool will be translated to each project partner country's national language. It will be possible to use the developed tool on both – computers and smartphones, making it accessible to everyone. With the help of the digital solution, it is expected to increase the number of cooperating makers, makerspaces, business support organisations, SMEs, and other relevant stakeholders on the national and international levels that are linked with circularity and/or eco-design. As the output will be piloted on the transnational level, it will provide opportunities for the users to find potential cooperation partners not only in their relevant countries but also on the international level. This means that developed output will contribute to the development of the international cooperation between different SMEs, business support organisations, makerspaces, makers, and others. This adds extra value to the output. The developed tool will be published and available on each partner's website. To raise more awareness about it, information will be disseminated in the project partner's social media channels, newsletters, and presented at the 3rd party events in all project countries. Also, during the presentations of the tool, the practical demonstration will be shown as well. Furthermore, digital tool and pilot results will be presented in WP3 at the regional seminars and workshops, as well as at the international conferences. It is going to be shared with the national and regional authorities, as well as with the policy makers. The Digital circular collaboration tool will also be shared with different sectoral associations and business support organisations, as they gather relevant SMEs in different fields. This could potentially increase the number of users of the tool, in the same way increasing the chances of the matchmaking process to happen. After the end of the project, if the digital tool will have success and there will be a potential opportunity which will allow to use it, it is planned that it will be transferred to other countries outside the Baltic Sea region.</p>		

D 2.4	Evaluation report of 3 pilots	<p>This is one of the most important aspects that have to be considered when any kind of piloting actions are implemented. The developed deliverable will provide information about the organisation of the piloting activities, which will be split into 3 different chapters - digital tool, circular makerspaces and training programme. Each chapter will contain relevant information about particular activities from all countries. The results that will be gathered and analysed, will provide essential information about potential improvements that can improve the overall quality of all pilot activities if they are up to the next round. Taking them into the consideration, the digital tool, circular makerspace and training programme can be improved, and partners will be aware about the improvements that can be done on their side. If both of these conditions are taken into account and measures are applied, the next cycle of the activities will bring better results. It is also planned that the evaluation report will be shared among the regional public authorities and policy makers, in order to introduce them with the results of the piloting. This is an important step that may potentially benefit the 2nd round of the activities after the project officially ends. Additionally, it is planned that the results will be shared at the regional seminars and workshops, as well as at the international conferences. In such a way, dissemination of the project results will be ensured in the best possible way.</p>	<p>2.1 Circular makerspaces 2.2 Circular maker space programme 2.3 Digital circular collaboration tool</p>	
D 3.1	Digital toolkit guidelines	<p>The digital toolkit guidelines will provide information on how the digital toolkit works and how individuals can benefit from it. Guidelines will be mainly developed for makerspaces, SMEs, producers, suppliers, and business support organisations. It is expected that with the help of these guidelines, it will help to ease their everyday work and open potentially new opportunities. Additionally, it is essential to point out that guidelines will be presented to the policy makers on the national level to inform them as well. This will also allow promotion of the digital toolkit itself. The developed guidelines will be published on each partner's website, making them accessible to a wider audience. And as these guidelines will be in English, it is going to allow transferring them to other regions outside the Baltic Sea region more efficiently. This will allow us to reach a wider audience outside the project region in other countries or even on other continents.</p>	<p>2.1 Circular makerspaces 2.2 Circular maker space programme 2.3 Digital circular collaboration tool</p>	
D 3.2	Recognition of the project and its results on the national and international level	<p>The deliverable will make the project recognized in all project partner countries in the Baltic Sea region and even beyond. It will be done thanks to the international conferences and developed result videos, which will be published and shared through partners networks. It is planned to share the information of the project results with the national and regional public authorities, policy makers, start-ups, regional SMEs and other relevant national stakeholders at the seminars and workshops, as well as at the 2 international conferences. Educational institutions will also be invited to the seminars and workshops, in order to let them know about the developed materials that can be used to educate students on makerspaces and the opportunities they provide. It is planned that each partner will organise at least 1 regional seminar or workshop (total of 8) gathering at least 80 participants in total. And each of the international conferences will gather around 60 participants (120 in total). So, in total it is planned to engage at least 200 participants at the promotional events. Implementing the activities that produce this deliverable, will help to introduce the outputs and solutions that are created in the WP2. Based on the previous experience of project partners, to transfer solutions and introduce target groups with them, designed activities will be the most appropriate way to do it.</p>	<p>2.1 Circular makerspaces 2.2 Circular maker space programme 2.3 Digital circular collaboration tool</p>	

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 - Valmiera County council

Work package leader 2

PP 5 - Lithuanian Innovation Centre

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	<p>Small and medium enterprise</p> <p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p> <p style="text-align: right;">436 / 500 characters</p>	<p>This target group will be contacted in order to find out their level of knowledge about the circular economy. It is necessary to understand, whether the training programme should or should not include the basics of the circular economy.</p> <p>To make it more efficient, each project country will organise 2 focus group meetings, where company representatives will be invited for a discussion.</p> <p>The main tools which will be used in order to reach the target group will be direct e-mails, phone calls, newsletters, and private meetings. Other communication channels will be project partner websites and social media platforms where information about the project will be posted in the relevant language.</p> <p>Additionally, project partners have already made a list of interested companies that are planned to be reached.</p> <p style="text-align: right;">811 / 1,000 characters</p>
2	<p>Interest group</p> <p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p> <p style="text-align: right;">483 / 500 characters</p>	<p>It is planned to reach this target group by project partners actively communicating about the project activities on their social media. For this WP it will be actively done at the very beginning of the project to receive relevant input for training programme development.</p> <p>Additionally, the information will be shared with other organisations, such as the chambers of commerce, non-profit organisations, sectoral associations, etc., to disseminate it to as wide public as possible.</p> <p style="text-align: right;">482 / 1,000 characters</p>
3	<p>Business support organisation</p> <p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management.</p> <p>Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p> <p style="text-align: right;">320 / 500 characters</p>	<p>As it is planned to develop a training programme for makers, existing makerspaces will be contacted in order to receive an input for the training programme. As they are the most relevant target group for this, their input is the most vital.</p> <p>Project partners have already made a list of makerspaces in their relevant countries (2 in Latvia, Denmark, Germany, and Norway; 5 in total) they plan to reach and involve in the project activities. These makerspaces will be contacted directly via phone calls and e-mails as they have direct contacts there.</p> <p>And as the project partners have established direct contacts previously with some of the business support organisations in their relevant countries it will help to involve them more efficiently.</p> <p style="text-align: right;">747 / 1,000 characters</p>
4	<p>Regional public authority</p> <p>Valmiera County Council plans to develop Circular Economy zones in the Valmiera till 2027 by developing special industrial zones and developing synergy with educational institutions, enterprises and other stakeholders.</p> <p>Most of the project partners are developed and funded by public organizations or strongly cooperate with them. Therefore the project results will impact public authorities too. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc.</p> <p style="text-align: right;">470 / 500 characters</p>	<p>Regional authorities will be contacted in order to provide their input for the educational programme. This will be done with an aim to include also national aspects, that are related to the circular economy.</p> <p>The results of the evaluation report will be presented to the regional public authorities as well.</p> <p>Communication tools that will be used to contact the regional public authorities will include e-mails and phone calls. Previously established contacts will also be used for more effective communication.</p> <p style="text-align: right;">513 / 1,000 characters</p>

5.6 Activities, deliverables, outputs and timeline

No.	Name
1.1	Improving physically makerspaces
1.2	Preparing education programs
1.3	Digital circular collaboration tool

WP 1 Group of activities 1.1

5.6.1 Group of activities leader

Group of activities leader PP 1 - Valmiera County council

A 1.1

5.6.2 Title of the group of activities

Improving physically makerspaces

33 / 100 characters

5.6.3 Description of the group of activities

The main challenge is attitude - behaviour gap in maker spaces, but behaviour effects also technical opportunities, a common understanding of the Circular Economy.

Therefore activity group below will collect input from target groups and will lead to an output of 2.1. "Circular maker spaces" :

1. There will be developed short guidelines and checklists for each maker space that would like to transform into a circular maker space even outside the partnership. The common definition of meaning is "circular maker space" between partners. The format: workshops during partner meetings both online and face-to-face. During the meetings, jointly will be evaluated all circular economy aspects, which need to take into consideration for transforming and developing circular maker spaces - network, equipment, resource database, circular design, production process etc. Before each meeting, partners will make a small research about the circular economy, SMEs and interest groups' needs for production in a circular way. Used tools will be chosen by each partner individually, suggest are surveys, focus groups, and individual conversations with SMEs, but not less than 10 cross-sectoral SMEs. Result: increase understanding of the circular economy. Result: Input from target groups
2. The inception of potential maker spaces existing situation and definition of needs (both equipment and premises) for transformation into circular maker spaces, development of a roadmap for each transforming maker space. Based on the developed guidelines and checklists, the transforming process will be done. Result: Input from maker spaces.
3. The inception of equipment needs and updating them for each transforming maker space within the partnership. Result: Input from maker spaces.
4. Procurement plan and procurement process organization based on the project proposal, programme rules and budget.
5. Reconstruction of premises, where it was pre-defined in the proposal and installations of equipment. Result: decrease attitude - behaviour gap from technical needs angle.
6. Piloting the Circular maker spaces in WP2 by attracting makers, SMEs, start-ups etc. Result: Mistakes will be taken out.
7. Opening Circular maker spaces and transforming solutions based on activities in WP3. Result: increase % of circular maker spaces in the Baltic Sea region.

The transnational setting will play an important role due to that if circular maker spaces will be on the same understanding and realization, they will have wider opportunities to cooperate in future and even more important - they will improve the BSR in a similar way of efficiency. Also - existing know-how, best practices will be shared among partners, therefore different experiences will decrease some risks and will improve the output 2.1.

2,793 / 3,000 characters

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

D 1.1

Title of the deliverable

Guideline "Transformation of maker spaces into circular maker spaces"

69 / 100 characters

Description of the deliverable

The purpose of the guideline is to increase the transferability of the project outputs to other organizations and maker spaces in the Baltic Sea region. It will provide practical know-how share and ready to use documents as the first step for every maker space.

At first, the guideline is a necessary tool for involved maker spaces to start the process of transformation into circular maker spaces. Secondly, it will increase the quality and common sense of the output.

The guideline will include:

- description "What is the circular economy and its importance in the Baltic Sea region"
- description "What are circular maker spaces and their role in the business environment in the BSR"
- description "How to develop circular maker space step by step? "
- practical tools - templates:
- Checklist: "Must have things to in being circular maker space"
- roadmap for transforming maker spaces into the circular maker spaces
- check-list "Focus group discussion with target group: format, technical needs, main questions etc"
- other tools

The above mention topics might be improved and updated during the development process. The guideline will be developed in English and published in partners networks. Based on the Guidelines, maker spaces will make analyses of needs, existing situations, and opportunities and based on the roadmaps, will make firsts steps and physically (equipment, premises) changes in maker space till status: "ready to pilot". Piloting and evaluation will be in WP2.

1,504 / 2,000 characters

Which output does this deliverable contribute to?

O 2.1. Circular maker spaces

28 / 100 characters

5.6.6 Timeline

Period: 1 2 3 4

WP.1: WP1 Preparing solutions

A.1.1: Improving physically makerspaces

D.1.1: Guideline "Transformation of maker spaces into circular maker spaces"



5.6.7 This deliverable/output contains productive or infrastructure investment

Investment no.	I1.1_1	
Title	Reconstruction and equipment of maker space "DARE" premises <small>60 / 100 characters</small>	
Description	Existing premises are comparing small and can't provide opportunities to develop circular maker space. Premises will be equipped with furniture and equipment for circular economy maker space and eco-design. <small>206 / 500 characters</small>	
Country	Latvia	
Responsible project partner(s)	PP 1 - Valmiera County council	
Justification	The existing maker space "DARE" is located in small premises of 135 sqm and can't provide opportunities to develop circular maker space. Therefore reconstruction of premises in Valmiera city, Rigas street 25A of ~600 sqm will be made. The reconstruction works will include repairing of ceiling, walls, floor and other cosmetic reconstruction works in order to prepare the premises for creating, piloting and maintain in a long term a circular maker space. Premises will be equipped. <small>482 / 500 characters</small>	
Transitional relevance	The experience of creation of circular maker space will be shared with other makerspaces in Latvia and Baltic Sea region. <small>121 / 500 characters</small>	
Benefits	The target group - makers and start-ups - will benefit from this investment. Makers and start-ups will have access to circular maker space - use of shared equipment and premises for development, prototyping and testing products in circular economy and eco-design as well as will have access to consultation and training. <small>320 / 500 characters</small>	
Location	Valmiera city. <small>15 / 250 characters</small>	Vidzeme
Location ownership	The owner of the premises and equipment is the Lead partner - Valmiera County Council <small>85 / 250 characters</small>	
Ownership	The owner of the premises and equipment is the Lead partner - Valmiera County Council <small>85 / 500 characters</small>	
Maintenance	The maintenance will be provided by Valmiera County Council. The maintenance will be provided by insuring the premises as well as carrying out regular premise management and utility services as well regular technical maintenance of equipment. The maintenance costs after the end of the project will be covered by income (fee) from makers that use maker space as well as municipality funding. <small>391 / 500 characters</small>	
Climate proofing	<input checked="" type="checkbox"/> Ensured <input type="checkbox"/> N/A	

Investment no.	I1.1_2	
Title	Equipment for maker space "RADE" 32 / 100 characters	
Description	Premises will be equipped with machines, instruments and tools for circular economy maker space and eco-design. 111 / 500 characters	
Country	Latvia	
Responsible project partner(s)	PP 2 - Foundation „Ventspils High Technology Park”	
Justification	Premises will be equipped with machines, instruments and tools for circular economy maker space and eco-design in order to prepare the premises for creating, piloting and maintaining in a long term a circular maker space. 221 / 500 characters	
Transitional relevance	The experience of creation of circular maker space will be shared with other makerspaces in Latvia and Baltic Sea region. 121 / 500 characters	
Benefits	The target group - makers and start-ups - will benefit from this investment. Makers and start-ups will have access to circular maker space - use of shared equipment for development, prototyping and testing products in circular economy and eco-design as well as will have access to consultation and training. 307 / 500 characters	
Location	Ventspils 9 / 250 characters	Kurzeme
Location ownership	The owner of the premises is the partner - Ventspils High Technology Park 73 / 250 characters	
Ownership	The owner of the equipment is the partner - Ventspils High Technology Park 74 / 500 characters	
Maintenance	The maintenance will be provided by Ventspils High Technology Park. The maintenance will be provided by insuring the equipment as well as carrying out regular technical maintenance of equipment. The maintenance costs after the end of the project will be covered by income (fee) from makers that use maker space as well as partners funding. 339 / 500 characters	
Climate proofing	<input checked="" type="checkbox"/> Ensured <input type="checkbox"/> N/A	

Investment no.	I1.1_3	
Title	Equipment of maker space "Creator" 34 / 100 characters	
Description	Premises will be equipped with machines, instruments and tools for circular economy maker space and eco-design. 111 / 500 characters	
Country	Norway	
Responsible project partner(s)	PP 6 - Creator Makerspace	
Justification	Premises will be equipped with machines, instruments and tools for circular economy maker space and eco-design in order to prepare the premises for creating, piloting and maintain in a long term a circular maker space. 218 / 500 characters	
Transitional relevance	The experience of creation of circular maker space will be shared with other makerspaces in Norway and Baltic Sea region. 121 / 500 characters	
Benefits	The target group - makers and start-ups - will benefit from this investment. Makers and start-ups will have access to circular maker space - use of shared equipment for development, prototyping and testing products in circular economy and eco-design as well as will have access to consultation and training. 307 / 500 characters	
Location	Stavanger 9 / 250 characters	Rogaland
Location ownership	The owner of the premises is partner - Tvedtsenter complex 58 / 250 characters	
Ownership	The owner of the equipment is partner - Creator 47 / 500 characters	
Maintenance	The maintenance will be provided by Ventspils High Technology Park. The maintenance will be provided by insuring the equipment as well as carrying out regular technical maintenance of equipment. The maintenance costs after the end of the project will be covered by income (fee) from makers that use maker space as well as partners funding. 339 / 500 characters	
Climate proofing	<input checked="" type="checkbox"/> Ensured <input type="checkbox"/> N/A	

Investment no.	I1.1_4	
Title	Equipment of maker space "Maker" 32 / 100 characters	
Description	Premises will be equipped with machines, instruments and tools for circular economy maker space and eco-design. 111 / 500 characters	
Country	Denmark	
Responsible project partner(s)	PP 7 - Maker	
Justification	Premises will be equipped with machines, instruments and tools for circular economy maker space and eco-design in order to prepare the premises for creating, piloting and maintain in a long term a circular maker space. 218 / 500 characters	
Transitional relevance	The experience of creation of circular maker space will be shared with other makerspaces in Denmark and Baltic Sea region. 122 / 500 characters	
Benefits	The target group - makers and start-ups - will benefit from this investment. Makers and start-ups will have access to circular maker space - use of shared equipment for development, prototyping and testing products in circular economy and eco-design as well as will have access to consultation and training. 307 / 500 characters	
Location	Copenhagen 10 / 250 characters	Byen København
Location ownership	The owner of the premises is partner - Municipality of Copenhagen 65 / 250 characters	
Ownership	The owner of the equipment is partner - Maker 45 / 500 characters	
Maintenance	The maintenance will be provided by Ventspils High Technology Park. The maintenance will be provided by insuring the equipment as well as carrying out regular technical maintenance of equipment. The maintenance costs after the end of the project will be covered by income (fee) from makers that use maker space as well as partners funding. 339 / 500 characters	
Climate proofing	<input checked="" type="checkbox"/> Ensured <input type="checkbox"/> N/A	

WP 1 Group of activities 1.2

5.6.1 Group of activities leader

Group of activities leader

A 1.2

5.6.2 Title of the group of activities

28 / 100 characters

5.6.3 Description of the group of activities

The aim of this group of activities is to prepare the training programme that will be piloted in the WP2.

To successfully reach the aim of the group of activities, the following activities are planned to be implemented: -) meetings and discussions with target groups; -) development of the training methodology; -) designing the training materials.

Meetings and discussions with target groups. The main challenge of the training programme is to educate target groups to decrease the attitude-behaviour gap and adopt circular approaches. But in order to create a relevant training programme, it is necessary to understand what specific content should be integrated with it. Due to this, it is planned that project partners will organise meetings with makerspaces, business support organisations, SMEs, and other relevant stakeholders (at least 2 meetings per each partner). Additionally, meetings with regional public authorities will be organised as well to understand what content related to the national needs (legislative) of each country should be included in the training programme.

Development of the training methodology. In order to bring the highest quality, project partners will organise project team meetings to develop the training methodology. Based on this training methodology, training will be piloted in the WP2. The methodology will be split into 3 parts: 1st part will be aimed at the target group, covering such topics as what are the circular approaches, the integration of the circular approaches in everyday work life, and the benefits they can bring. 2nd part will be for lecturers. It will include such things as required previous experience, the ethical aspects of carrying trainings, theoretical knowledge. 3rd part will be about the organisation of the trainings. It will include topics of the trainings, the length of each training, the expected outcome of each training, the share of the theoretical and practical part, and tools that can be used during the learning process. Additionally, different approaches to the trainings – in person, online, and hybrid, will be described as well, giving the opportunity to select the most appropriate.

Designing the training materials. The training materials will be designed in such a way, that they can be easily adapted to each country's needs. Each training topic will have a specific number of hours that are given to complete the particular topic. All training materials will have the programme logo on them to ensure the visibility of the programme throughout the project period. Additionally, a disclaimer will be included as well.

2,616 / 3,000 characters

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

D 1.2

Title of the deliverable

50 / 100 characters

Description of the deliverable

The developed training programme will include all relevant information that can be effectively used, in order to help decrease the attitude-behaviour gap and adopt the circular approaches. It will include information about the topics and their importance, good practices that have been implemented in other countries, and requirements for trainers.

The training programme will be aimed at makers, makerspaces, suppliers, start-ups, SMEs, business support organisations, and other relevant stakeholders that can be direct beneficiaries of it.

This training programme will be piloted in WP2 (activity 2.2). And as the evaluation will also take place in the WP2 (activity 2.4), it is going to be possible to improve the training programme after the training has been piloted. Training materials that will be used during the piloting will be listed in the annexes of the training programme, so every interested person could see what they include.

The developed training programme will be promoted in the WP3. To be more specific, at the regional seminars and workshops, and international conferences. The training programme will also be shared amongst each project partner country's national authorities and policy makers to raise more awareness about it. Additionally, project partners will promote the training programme via newsletters, and social media accounts, during the 3rd party presentations. The training programme will also be published on each partner's website making it accessible to every interested person.

1,522 / 2,000 characters

Which output does this deliverable contribute to?

49 / 100 characters

5.6.6 Timeline

	Period: 1	2	3	4
WP.1: WP1 Preparing solutions				
A.1.2: Preparing education programs				
D.1.2: Prepared Circular maker space education programme				

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

A 1.3

5.6.2 Title of the group of activities

36 / 100 characters

5.6.3 Description of the group of activities

The aim of this group of activities is to apply digital technologies and prepare the digital tool that will be piloted in WP2 (activity 2.3).

To successfully reach the aim of the group of activities, the following activities are planned to be implemented: -) focus group meetings; -) mapping.

Focus group meetings. To better understand the needs of the target group, focus group meetings will be organised. Each project partner country will organise at least 2 focus group meetings – 1 at the beginning of the tool development and 1 when the tool will be nearly finished. During these meetings, it is planned to present the general idea of the tool and what it would foresee. Members of the focus group will provide what kind of information should definitely be included in this tool. After the tool is prepared, focus group members will be invited to another meeting to provide their feedback. Taking it into the consideration, relevant changes will be done before the piloting takes place in the WP2.

Mapping. In each project partner country, mapping of the potential stakeholders will be carried out. Mapping will be carried out regionally and afterwards compiled into one report. To carry out mapping more efficiently, project partners will develop the questionnaire, which will be sent to relevant stakeholders. Additionally, the questionnaire will be shared with different business support organisations and associations to spread it across their networks. It will allow to reach a wider audience and gain potentially more answers.

As a result of carried activities, necessary input will be acquired to create the best possible digital tool for makers and makerspaces, which will be piloted in the WP2.

As well, the programme logo and disclaimer will be added to the digital tool, ensuring the recognition of the programme and informing users about the support provided in order to create such a tool.

1,912 / 3,000 characters

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

D 1.3

Title of the deliverable

Developed Digital circular collaboration tool

46 / 100 characters

Description of the deliverable

The developed Digital circular collaboration tool will help makers and makerspaces transit from linear to circular business models. During and after the end of the project, responsible partner of this tool will be PP2.

The main idea of the tool—the matchmaking process, during which the supplier and makers can meet. Additionally, it will help to track the journey of the components and materials, as well as to virtualise products.

Developed tool will be aimed not only at makers and makerspaces, but also at different suppliers, SMEs, and business support organisations. In other words, any relevant stakeholder that can and is willing to help makers and makerspaces transit to the circular business model. To add more, users will benefit in the way of creating new contacts which will directly benefit them, allowing them to potentially improve their business.

In order to test the efficiency of the developed tool, it will be piloted in the WP2(activity 2.3), where all project partners will be invited to use it and encourage the makerspaces and makers in their relevant countries to do the same.

After the piloting, the evaluation will be carried out(activity 2.4). By carrying out the evaluation, received answers will allow improving the digital tool making it even more relevant to use.

Information about the tool will be promoted in the WP3 at the regional events in each country, as well as at the final conferences. Additionally, all relevant information will be published and spread via project partner newsletters, and social media, during the 3rd party presentations. Each project partner will also make a publication on their website where the digital tool will be available to use.

Information about the developed tool will be presented to national authorities and sectoral associations. It will be done to share the information about the digital tool and to potentially look for the support allowing to continue the usage of the digital tool after the project officially ends.

2,000 / 2,000 characters

Which output does this deliverable contribute to?

O 2.3. Digital circular collaboration tool

42 / 100 characters

5.6.6 Timeline

Period: 1 2 3 4

WP.1: WP1 Preparing solutions

A.1.3: Digital circular collaboration tool

D.1.3: Developed Digital circular collaboration tool

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
 Work package leader 2

5.4 Work package budget

Work package budget

5.4.1 Number of pilots

Number of pilots

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	<p>Small and medium enterprise</p> <p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can act as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p> <p style="text-align: right;"><small>436 / 500 characters</small></p>	<p>This target group will be engaged by organising focus group meetings. Each country will have at least 2 focus group meetings organised.</p> <p>The main tools which will be used in order to reach the target group will be direct e-mails, phone calls, newsletters, and private meetings. Other communication channels will be project partner websites and social media platforms where information of the project will be posted in the relevant language.</p> <p>Additionally, project partners have already made a list of interested companies that are planned to be reached.</p> <p style="text-align: right;"><small>554 / 1,000 characters</small></p>
2	<p>Interest group</p> <p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p> <p style="text-align: right;"><small>483 / 500 characters</small></p>	<p>In order to reach this target group, project partners will actively communicate about the project activities on their social media. This will allow keeping the information about upcoming activities visible as much as possible.</p> <p>Additionally, the information will be shared with other organisations, such as the chambers of commerce, non-profit organisations, sectoral associations, etc., to disseminate it to as wide public as possible.</p> <p>It is expected that part of this target group will also take part in trainings and workshops that will be piloted within this WP.</p> <p>Participants will provide their feedback which will be used for the evaluation of the trainings and creating a report.</p> <p style="text-align: right;"><small>690 / 1,000 characters</small></p>

	Target group	How do you plan to reach out to and engage the target group?
3	<p>Business support organisation</p> <p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management. Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p> <p style="text-align: right;"><small>320 / 500 characters</small></p>	<p>Makerspaces are the direct target group of this WP. It is expected that they will take part in most of the activities.</p> <p>Project partners have already made a list of makerspaces in their relevant countries (2 in Latvia, and 1 in Estonia, Denmark, Germany, and Norway; 6 in total) they plan to reach and involve in the project activities. These makerspaces will be contacted directly via phone calls and e-mails as they have direct contacts there.</p> <p>It is planned to involve also other business support organisations into the workshops and trainings, in order to educate them about decreasing the attitude-behaviour gap. They will be contacted via e-mails and phone calls.</p> <p>And as the project partners have established direct contacts previously with some of the business support organisations in their relevant countries it will help to involve them more efficiently.</p> <p>The ones that will take part in trainings, will be expected to provide their feedback for the evaluation report.</p> <p style="text-align: right;"><small>983 / 1,000 characters</small></p>
4	<p>Regional public authority</p> <p>Valmiera County Council plans to develop Circular Economy zones in the Valmiera till 2027 by developing special industrial zones and developing synergy with educational institutions, enterprises and other stakeholders.</p> <p>Most of the project partners are developed and funded by public organizations or strongly cooperate with them. Therefore the project results will impact public authorities too. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc.</p> <p style="text-align: right;"><small>470 / 500 characters</small></p>	<p>Regional public authorities will be informed about upcoming workshops and trainings that are planned to be implemented. Such information will allow them to attend workshops themselves to learn more about the project and the solutions it offers.</p> <p>The results of the evaluation report will be presented to the regional public authorities as well.</p> <p>Communication tools that will be used to contact the regional public authorities will include e-mails and phone calls. Previously established contacts will also be used for more effective communication.</p> <p style="text-align: right;"><small>550 / 1,000 characters</small></p>

5.6 Activities, deliverables, outputs and timeline

No.	Name
2.1	Piloting circular maker spaces
2.2	Piloting training programme
2.3	Piloting the Digital circular collaboration tool
2.4	Evaluation and finalization of the piloting activities

WP 2 Group of activities 2.1

5.6.1 Group of activities leader

Group of activities leader

A 2.1

5.6.2 Title of the group of activities

31 / 100 characters

5.6.3 Description of the group of activities

Finalizing WP1 activity 1.1. Improving physically maker spaces, they will be ready to offer circular maker space services to makers, SMEs, start-ups etc. Meanwhile, circular maker spaces do not include only technical equipment and premises, but their aim is to develop circular product development, circular business models, design, and circular collaboration.

The project joint team decided as a piloting tool for circular maker spaces to use the circular business ideas and products developed by makers, SMEs, and start-ups. Important to note, that the project will promote highly cross-border cooperation in those ideas between makers.

Piloting process: There will be the creation of international teams to develop, prototype and market products based on circular approaches in makerspaces.

Members per team - 3 to 6 persons from 2 different countries, at least 1 business idea per maker space, who is in partnership: Latvia (2 - Valmiera and Ventspils), Denmark(1 - Copenhagen), Germany (1 - Wildau), Norway (1 - Stavanger). The best ideas will be selected and presented during one or even both international conferences. Ideas will be evaluated by project partners and the evaluation will be also part of WP2 activity 2.4. Evaluation and finalization of the piloting activities

The target groups will be involved based on 2 approaches:

1. Existing clients of circular maker space - SMEs, makers and start-ups will be invited to participate in the pilot.
2. Informative campaign about circular maker spaces will be made and invited a wider audience of SMEs, and start-ups to participate in the pilot.

The finalization and the pilot of circular maker spaces evaluation will be made between:

- partners - feedback forms and discussions
- the involved target audience - feedback forms.

After evaluation of the results, each circular maker space will make necessary improvements based on opportunities and circular maker spaces (Output 2.1.) will be finished for future action in the city, country and the Baltic Sea region in long term. The best practice (at least 1 per maker space) will be selected and presented as part of WP3 Transferring solutions activities.

The transnational setting is fundamental for the common development of a circular economy in the Baltic Sea region because only learning and sharing know-how in the team can bring fruitful results and regional development.

2,404 / 3,000 characters

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

O 2.1

Title of the output

22 / 100 characters

Description of the output

The purpose of the output is to reduce the attitude-behaviour gap in maker spaces in the Baltic Sea region in the circular economy field and support the development of the Baltic Sea Region as a more sustainable and environmentally friendly and circular region. The output will be at least 5 existing maker spaces that will transform from linear to circular maker spaces: Latvia (2 - Valmiera and Ventspils), Denmark(1 - Copenhagen), Germany (1 - Wildau), Norway (1 - Stavanger). The main need for transformation is connected with premises, equipment (O 2.1.) and education (O 2.2.) and tools (O 2.3.) both for maker spaces and makers, SMEs, and startups. The output 2.1. focuses directly on ensuring the technical needs for maker spaces and piloting the results by pilot circular products, prototypes, business models, and design in the Baltic Sea region.

The project team believes that circular maker spaces will have a positive impact on SMEs, makers and start-ups' to change their mindset and attitudes about the circular economy and act more sustainable. Important to note, that maker spaces are places, where often rises SMEs and for them setting a circular business model in the development phase of the company is easier, than changing the business model of an existing company, a long term operating company.

Transnational value is a circular maker space network, that will spread solutions during and even after the end of the project to the other maker spaces in the region. The network will ensure a cross-border circular supply chain between maker spaces, and suppliers in the region and will be ready to share its best practice and experience with others.

1,675 / 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?
<p>Target group 1</p> <p>Small and medium enterprise</p> <p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p>	<p>SMEs and makers, which use maker space services on daily bases or think about this, apply output by:</p> <ul style="list-style-type: none"> - improving their business models from linear to more circular - improving their product by focusing more on circular production - improving their supply chain by using circular materials and cooperating with other SMEs and makers in the region and cross-border - improving their know-how about sustainable products, prototypes and design development - improving their sustainability based on policy and business environment existing tendencies and policy - reduce attitude - behaviour gap <p>This output will supports also development of innovations.</p> <p style="text-align: right;">657 / 1,000 characters</p>
<p>Target group 2</p> <p>Interest group</p> <p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p>	<p>Interest groups, which use maker space services on daily bases or think about this, apply output by:</p> <ul style="list-style-type: none"> - improving their daily habits from linear to more circular - improving their stuff sustainability and long-term use - improving their inspiration of new self-made stuff for home and family - improving their know-how about the sustainable product and design development and the most important - the circular economy - reduce attitude - behaviour gap <p>This output will supports also development of innovations.</p> <p style="text-align: right;">517 / 1,000 characters</p>
<p>Target group 3</p> <p>Business support organisation</p> <p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management.</p> <p>Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p>	<p>Business support organizations will apply output by:</p> <ul style="list-style-type: none"> - improving their representation of the SMEs needs the public authorities - improving their know-how about the circular economy - improving their cooperation with circular maker spaces <p style="text-align: right;">240 / 1,000 characters</p>
<p>Target group 4</p> <p>Regional public authority</p> <p>Valmiera County Council plans to develop Circular Economy zones in the Valmiera till 2027 by developing special industrial zones and developing synergy with educational institutions, enterprises and other stakeholders.</p> <p>Most of the project partners are developed and funded by public organizations or strongly cooperate with them. Therefore the project results will impact public authorities too.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc.</p>	<p>The regional public authority will apply output by:</p> <ul style="list-style-type: none"> - improving their policymaking - improving their circular and sustainability strategy - improving their capacity about circular economy and matchmaking between cross-sectoral companies and understanding about the business environment <p style="text-align: right;">288 / 1,000 characters</p>

Durability of the output

The Circular maker spaces mainly are supported by public organizations and funds, therefore generally their durability is quite strong. Meanwhile, each maker space that will transform into a circular maker space has a self-commitment to enlarging environmentally friendly start-ups and product development, if we speak about the durability of Output 2.1.

Important to note, that their services are with a service fee, which covers equipment repairs, updates and technical needs. An early stage of maker spaces was to ensure free of charge services, but practices show, that symbolic fee improves clients' responsibility to use equipment, premises and even to keep order in maker space.

Importing to note, that also they will improve their operating format from linear maker spaces to circular makers spaces, therefore attitude-behaviour gap will be reduced and they are known in society already.

Each partner will ensure the durability of their own maker space after the end of the project.

993 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4

WP.2: WP2 Piloting and evaluating solutions

A.2.1: Piloting circular maker spaces

O.2.1: Circular maker spaces



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

A 2.2

5.6.2 Title of the group of activities

27 / 100 characters

5.6.3 Description of the group of activities

This group of activities aims to successfully pilot a training programme for the target groups and educate them.

To successfully carry it out, it will be done by implementing the following activities: -) Workshops to educate makerspaces and business support organisations; -) workshops to educate makers. Both of these activities will be carried out in the project partner countries, that have predefined makerspaces (2 from Latvia, 1 from Denmark, 1 from Germany, 1 from Norway).

Workshops to educate makerspaces and business support organisations. It is vital to raise awareness about the attitude-behaviour gap and the possibilities to adopt circular approaches in the existing businesses on the national level. It is foreseen that partners with makerspaces will organise at least 2 workshops (10 workshops in total). During the trainings, good practices of the existing business that have adopted circular approaches in their businesses from other countries will be presented as well.

Workshops to educate makers. As the makers play a significant role it is necessary to inform them about the attitude-behaviour gap and educate them about the basics of the circular economy and circular approaches as well. It is expected that each partner with makerspace will organise at least 5 workshops (25 in total). In total, these 5 workshops in each project partner country are expected to gather at least 50 makers and start-ups (250 in total) and at least suppliers as well (25 in total). By the end of the trainings, participants will be presented with the certificate of participation.

Workshops in each country will be organised in person, online, or hybrid format, allowing the relevant organisations to deliver the best possible quality and deliver the best possible results. It is expected that by completing the trainings, participants will have better awareness about how to decrease the attitude-behaviour gap, what are the circular approaches and how they can be integrated with everyday work life.

At the end of each event, participants will complete the evaluation (activity 2.4). As well, partners will organise discussions to share their experiences in the organisation of the workshops, and what should be improved based on their own opinion. This will allow to understand the level of participant satisfaction with trainings and also what relevant improvements should be made to the training programme and training process.

2,442 / 3,000 characters

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

O 2.2

Title of the output

44 / 100 characters

Description of the output

As the activities will be carried out, it is going to be possible to improve and finalise the Circular maker space education programme.

It is planned that this training programme will be used after the end of the project as well, helping to educate more makerspaces, makers, SMEs, start-ups, business organisations, and others.

This output contains the solution to how the attitude-behaviour gap can be decreased in makerspaces, start-ups, and business support organisations. And how the circular approaches can be adopted and integrated with the relevant stakeholder's daily work life.

As the output will be piloted on the transnational level, it will provide additional opportunities to include some of the good practices in the training programme. It will allow the users to see how this challenge is being solved in other countries and how the SMEs and other relevant stakeholders apply the circular approaches in their work. Such examples are essential, as they can inspire others to take them up and adopt them as well.

The developed training programme will be published and available on each partner's website. To raise more awareness about it, information will be disseminated in the project partner's social media channels, newsletters, and presented at the 3rd party events in all project countries.

Additionally, results will be presented in WP3 at the regional seminars and workshops, as well as at the international conferences. It is going to be shared with the national and regional authorities, as well as with the policy makers. For even more credibility of the training programme's effectiveness, it is going to be shared together with the evaluation report, where all feedback of the participants from all countries will be summed up.

Training programme and results will also be shared with different sectoral associations and business support organisations, as they gather relevant SMEs in different fields. This would allow continuing to use the training programme after the project is officially finished.

2,033 / 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?
<p>Target group 1</p> <p>Small and medium enterprise</p> <p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p>	<p>SMEs and makers, which will participate in the education programme will apply output by:</p> <ul style="list-style-type: none"> - improving their know-how and practices on how to improve existing business models from linear to more circular - improving their know-how and practices on how to improve products by focusing more on circular production - improving their understanding of supply chains in circular business models - improving their know-how about sustainable products, prototypes and design development - improving their sustainability based on policy and business environment existing tendencies and policy - reduce attitude - behaviour gap by existing know-how and skills <p>This output will supports also development of innovations.</p> <p style="text-align: right;"><small>713 / 1,000 characters</small></p>
<p>Target group 2</p> <p>Interest group</p> <p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p>	<p>Interest groups, which participates in training programme apply output by:</p> <ul style="list-style-type: none"> - improving their daily habits from linear to more circular - improving their stuff sustainability and long-term use - improving their inspiration of new self-made stuff for home and family - improving their know-how about the sustainable product and design development and the most important - the circular economy - reduce attitude - behaviour gap <p>This output will supports also development of innovations.</p> <p style="text-align: right;"><small>491 / 1,000 characters</small></p>
<p>Target group 3</p> <p>Business support organisation</p> <p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management.</p> <p>Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p>	<p>Business support organizations' participation in education programmes will apply output by:</p> <ul style="list-style-type: none"> - improving their representation of the SMEs needs the public authorities - improving their know-how about the circular economy - improving their cooperation with circular maker spaces <p style="text-align: right;"><small>279 / 1,000 characters</small></p>

Durability of the output

To organise additional trainings after the project is finished, it is planned that financial support will be sought during the dissemination events, which will be carried out in each project country. Without financing, it could be problematic to carry out a new round of trainings.

Another possible option would be to licence the training programme and charge a symbolic fee from each participant willing to take it up. For this, support of the national authorities is needed as there will be licencing costs.

It is also planned to transfer the programme to other countries. But again, in order to do this, it is necessary to licence the programme or use another EU funded programme.

All partners play an essential role, in order to ensure the durability of the training programme after the end of the project. It is necessary to carry out all dissemination activities with private and national authorities properly since each one of them could be willing to support continuation of the trainings.

1,000 / 1,000 characters

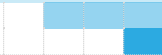
5.6.6 Timeline

Period: 1 2 3 4

WP.2: WP2 Piloting and evaluating solutions

A.2.2: Piloting training programme

O.2.2: 2.2 Circular maker space education programme



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

A 2.3

5.6.2 Title of the group of activities

49 / 100 characters

5.6.3 Description of the group of activities

This group of activities aims to successfully pilot the Digital circular collaboration tool, which was developed in WP1.

To successfully pilot the Digital circular collaboration tool all project partners will be invited to use the digital tool and encourage the target audience in their country to use it as well. The following activities will be implemented: -) registration of the users; -) matchmaking. Both of these activities will be carried out in the project partner countries, that have predefined makerspaces (2 from Latvia, 1 from Denmark, 1 from Germany, 1 from Norway).

Registration of the users. Like any other digital tool, the Digital circular collaboration tool will also require registration. When making the profile, users will have to provide information about themselves, e.g., the background of the user, what they are looking for, what they are offering, how long they have been in the area etc. It is expected that at least 100 users will register and use the digital tool. This includes makers, suppliers, start-ups, business support organisations, and SMEs. Moreover, the number of eco-design products and materials listed on the digital tool is expected to be at least 100.

Matchmaking. Once the registration process is done, it is expected that the matchmaking process will take place. For every registered user, it will be possible to use the filter in order to select the most relevant “match”. Once the user has decided on the particular “match”, it will be possible to contact the other user on the platform and agree on the meeting.

Overall, it is expected that the digital tool will be used at least by 100 active international users during the piloting stage. In addition, it will also have at least 100 eco-design products and materials listed by all users.

As it was for the circular makerspaces and training programme, after the piloting of the digital tool, users will be contacted to fill out the evaluation (activity 2.4). Evaluation will be aimed not only to improve the technical parts of the digital tool but also to improve the user interface. This is a no less important point that should be taken into consideration when it comes down to evaluating digital tools. Additionally, project partners will organise internal discussions to share their opinions on the improvements that should be done. This will allow to improve technical aspects of the tool, as well as increase easiness and friendliness for users when using the tool.

2,480 / 3,000 characters

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

O 2.3

Title of the output

2.3. Digital circular collaboration tool

41 / 100 characters

Description of the output

Thanks to the piloted activities, it is going to be possible to improve, update, and finalise the Digital circular collaboration tool.

The developed tool will help to match relevant users, track the journey of the components and materials, and help to virtualise products and the use of recycled materials.

The Digital circular collaboration tool will be in English and the responsible partner during and after the project will be PP2. Based on the success of the developed tool, if the number of users will increase and demand will increase as well, the tool will be translated to each project partner country's national language.

It will be possible to use the developed tool on both – computers and smartphones, making it accessible to everyone.

With the help of the digital solution, it is expected to increase the number of cooperating makers, makerspaces, business support organisations, SMEs, and other relevant stakeholders on the national and international levels that are linked with circularity and/or eco-design.

As the output will be piloted on the transnational level, it will provide opportunities for the users to find potential cooperation partners not only in their relevant countries but also on the international level. This means that developed output will contribute to the development of the international cooperation between different SMEs, business support organisations, makerspaces, makers, and others. This adds extra value to the output.

The developed tool will be published and available on each partner's website. To raise more awareness about it, information will be disseminated in the project partner's social media channels, newsletters, and presented at the 3rd party events in all project countries. Also, during the presentations of the tool, the practical demonstration will be shown as well.

Furthermore, digital tool and pilot results will be presented in WP3 at the regional seminars and workshops, as well as at the international conferences. It is going to be shared with the national and regional authorities, as well as with the policy makers.

The Digital circular collaboration tool will also be shared with different sectoral associations and business support organisations, as they gather relevant SMEs in different fields. This could potentially increase the number of users of the tool, in the same way increasing the chances of the matchmaking process to happen.

After the end of the project, if the digital tool will have success and there will be a potential opportunity which will allow to use it, it is planned that it will be transferred to other countries outside the Baltic Sea region.

2,653 / 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?
<p>Target group 1</p> <p>Small and medium enterprise</p> <p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p>	<p>SMEs and makers, which will use digital tools on daily bases or think about this, apply output by:</p> <ul style="list-style-type: none"> - improving their business models from linear to more circular - improving their competitiveness by finding a faster necessary supplier - improving their supply chain by using circular materials and cooperating with other SMEs and makers in the region and cross-border - improving their sustainability based on policy and business environment existing tendencies and policy - reduce attitude - behaviour gap <p>This output will supports also development of innovations.</p>

572 / 1,000 characters

Target groups	How will this target group apply the output in its daily work?
<p>Target group 2</p> <p>Interest group</p> <p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p>	<p>Interest groups, which will apply output by:</p> <ul style="list-style-type: none"> - improving their know-how about the sustainable product and design development and the most important - the circular economy - reduce attitude - behaviour gap - improving their inspiration of new self-made stuff for home and family and maybe even develop their own start-up, prototype, make innovations etc. <p>This output will supports also development of innovations.</p> <p style="text-align: right;">417 / 1,000 characters</p>
<p>Target group 3</p> <p>Business support organisation</p> <p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management.</p> <p>Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p>	<p>Business support organizations will apply output by:</p> <ul style="list-style-type: none"> - improving their know-how about the circular economy - improving their cooperation with circular maker spaces - improving their services to their members by sharing information about potential business partners, which can be found in the Digital Circular collobaration tool. <p style="text-align: right;">331 / 1,000 characters</p>
<p>Target group 4</p> <p>Regional public authority</p> <p>Valmiera County Council plans to develop Circular Economy zones in the Valmiera till 2027 by developing special industrial zones and developing synergy with educational institutions, enterprises and other stakeholders.</p> <p>Most of the project partners are developed and funded by public organizations or strongly cooperate with them. Therefore the project results will impact public authorities too.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc.</p>	<p>The regional public authority will apply output by:</p> <ul style="list-style-type: none"> - improving their capacity about circular economy and matchmaking between cross-sectoral companies and understanding of the business environment <p>They will use less the tool practically, but being informed, they can this activity in future policy making about the environment, sustainability, digitalization, business support etc.</p> <p style="text-align: right;">385 / 1,000 characters</p>

Durability of the output

To keep output functional one possibility would be to create an extra plan and charge a monthly fee if it is used. As it is planned to transfer digital solutions to other countries, the transfer procedure could also be charged.

But again, project partners are willing to do everything possible to stay away from charging any fees and ensure the usage of the digital tool on a wider level. To make it happen, project partners will seek out the national authorities that might finance the operation of the digital tool.

The responsible partner for the digital tool will be PP2, but all partners are responsible, to share the information at the dissemination events. It has proven, that during such events interested organisations or persons are ready to co-finance or finance digital solution and keep improving it. Since partners come from different countries, it gives an extra opportunity to find potential "investors".

922 / 1,000 characters

5.6.6 Timeline

	Period: 1	2	3	4
WP.2: WP2 Piloting and evaluating solutions				
A.2.3: Piloting the Digital circular collaboration tool				
O.2.3: 2.3. Digital circular collaboration tool				

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 2 Group of activities 2.4

5.6.1 Group of activities leader

Group of activities leader

A 2.4

5.6.2 Title of the group of activities

Evaluation and finalization of the piloting activities

54 / 100 characters

5.6.3 Description of the group of activities

The group of activities is aimed to evaluate the pilot phase of the project activities and provide possible improvements for digital tool, circular makerspaces, and further trainings.

In order to carry out the evaluation of the pilot activities in the most sufficient way, the following activities will be carried out: -) feedback forms; -) discussion between partners.

Feedback forms. After the digital tool, circular makerspaces and training programme, that are going to be carried out on the national level in each country, participants will fill out the feedback forms. These feedback forms will consist out of two parts – the content part and the technical part. The content part will include an evaluation of the content of all piloted activities, topics, trainer knowledge, length of trainings, trainers' ability to hold attention, etc. This will allow to understand how the content of the piloted digital tool, circular makerspaces and training programme, and everything that is connected to them can be improved and if there are any corrections needed. The technical part will include questions about the organisation of piloting activities, premises, etc. This will allow to understand, what partners can improve from their side to make the next round of the activities even more enjoyable and efficient. All answers will be collected and compiled into one common report after the pilot activities are carried out.

Discussion between partners. To share experience between partners in the organisation of pilot activities, project partners will organise meetings. This will be done with the aim to exchange good practices and ideas that other partners can use in the organisation of the pilot activities in their countries. Additionally, this will allow to exchange feedback of the participants, which they may not have included into the feedback forms but have told the organisers directly after the trainings.

Carrying out these activities will allow to make significant improvements to the digital tool, circular makerspaces, and training programme and make relevant adjustments to the organisation of the activities in the project organisations. This will allow to transfer and ensure better quality in future organisation of the activities after the project officially ends.

2,292 / 3,000 characters

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

D 2.4

Title of the deliverable

Evaluation report of 3 pilots

30 / 100 characters

Description of the deliverable

This is one of the most important aspects that have to be considered when any kind of piloting actions are implemented.

The developed deliverable will provide information about the organisation of the piloting activities, which will be split into 3 different chapters - digital tool, circular makerspaces and training programme. Each chapter will contain relevant information about particular activities from all countries. The results that will be gathered and analysed, will provide essential information about potential improvements that can improve the overall quality of all pilot activities if they are up to the next round. Taking them into the consideration, the digital tool, circular makerspace and training programme can be improved, and partners will be aware about the improvements that can be done on their side. If both of these conditions are taken into account and measures are applied, the next cycle of the activities will bring better results.

It is also planned that the evaluation report will be shared among the regional public authorities and policy makers, in order to introduce them with the results of the piloting. This is an important step that may potentially benefit the 2nd round of the activities after the project officially ends.

Additionally, it is planned that the results will be shared at the regional seminars and workshops, as well as at the international conferences. In such a way, dissemination of the project results will be ensured in the best possible way.

1,507 / 2,000 characters

Which output does this deliverable contribute to?

2.1 Circular makerspaces 2.2 Circular maker space programme 2.3 Digital circular collaboration tool

99 / 100 characters

5.6.6 Timeline

Period: 1 2 3 4

WP.2: WP2 Piloting and evaluating solutions

A.2.4: Evaluation and finalization of the piloting activities

D.2.4: Evaluation report of 3 pilots



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 8 - Technical University of Applied Sciences Wildau

Work package leader 2 PP 2 - Foundation „Ventspils High Technology Park”

5.4 Work package budget

Work package budget 10%

5.5 Target groups

Target group

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

	Target group	How do you plan to reach out to and engage the target group?
1	<p>Small and medium enterprise</p> <p>Makers, start-ups, and SMEs develop prototypes and the first products in maker spaces. They can as frontiersperson in circular economy principles in the SME community. Cross-sectoral. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc. It is covered by the project partners who are all strongly connected with SMEs on daily basis.</p> <p>Suppliers of the partner countries will be involved in the circular economy cycle.</p> <p style="text-align: right;">436 / 500 characters</p>	<p>The main tools which will be used in order to reach the target group will be direct e-mails, phone calls, newsletters, and private meetings. Other communication channels will be project partner websites and social media platforms where information about the project will be posted in the relevant language. It is also planned to hold seminars in all project partner countries where representatives of SMEs will be invited.</p> <p>Additionally, project partners have already made a list of interested companies that are planned to be reached. This list was created based on the survey which was distributed to the companies previously to learn about their interests.</p> <p style="text-align: right;">660 / 1,000 characters</p>
2	<p>Interest group</p> <p>Maker spaces are places where meet many like-minded people and do what cannot be done at the home, office or garage. Maker spaces share equipment with SMEs and the self-employed, business idea writers, designers, handicraftsmen, craftsmen, architects, students and simply creative enthusiasts. Cross-sectoral.</p> <p>Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania, etc. It is covered by the project partners who are all strongly connected with groups on daily basis.</p> <p style="text-align: right;">483 / 500 characters</p>	<p>This target group will be mainly reached in the WP2, as they will be invited to take part at the seminars and workshops in relevant countries.</p> <p>This particular WP foresees that the solutions developed in the WP2 will be transferred to the wider audience of makers, suppliers, producers and other stakeholders.</p> <p>In order to reach this target group, project partners will actively communicate about the project activities on their social media. Additionally, the information will be shared with other organisations to disseminate it to as wide public as possible.</p> <p style="text-align: right;">563 / 1,000 characters</p>
3	<p>Business support organisation</p> <p>Most of the project partners are different types of business support organizations that are important players in a business environment and circular economy. Responsible departments are Training, Export, Lobby, SME support service and Management. Geographical coverage: Latvia, Lithuania, Germany, Denmark, Norway etc.</p> <p style="text-align: right;">320 / 500 characters</p>	<p>Makerspaces are the direct target group of the project. They will be directly involved in all project activities that are planned to be carried out.</p> <p>Project partners have already made a list of makerspaces in their relevant countries they plan to reach and involve into the project activities. Additionally, it is planned that information about the activities will be shared at the beginning of the project in order to reach other makerspaces and other relevant business support organisations as well.</p> <p>To reach and engage with other business support organisations e-mails and phone calls, as well as private meetings will be held.</p> <p>Business support organisations will be also invited to national seminars and international conferences. It will be done with an aim to introduce approaches used in other country makerspaces.</p> <p style="text-align: right;">827 / 1,000 characters</p>
4	<p>Regional public authority</p> <p>Valmiera County Council plans to develop Circular Economy zones in the Valmiera till 2027 by developing special industrial zones and developing synergy with educational institutions, enterprises and other stakeholders.</p> <p>Most of the project partners are developed and funded by public organizations or strongly cooperate with them. Therefore the project results will impact public authorities too. Geographical coverage: Latvia, Norway, Germany, Denmark, Lithuania etc.</p> <p style="text-align: right;">470 / 500 characters</p>	<p>As the public authorities are major players when it comes to the circular economy and regional needs of the companies, it is essential to share and promote project results with them.</p> <p>Regional public authorities will be invited to relevant project events – seminars and international conferences. Additionally, they will be introduced with the digital toolkit, as it is going to provide an opportunity not only to learn about the makerspaces but also about the particular approaches in other countries and regions. This would allow to potentially adapt them to the national needs of other countries as well.</p> <p>This target group will be reached via e-mails, phone calls, official letters, and private meetings.</p> <p style="text-align: right;">710 / 1,000 characters</p>

5.6 Activities, deliverables, outputs and timeline

No.	Name
3.1	Informative campaign of digital toolkit for target groups of BSR
3.2	Dissemination and promotion of the project results

WP 3 Group of activities 3.1

5.6.1 Group of activities leader

Group of activities leader PP 2 - Foundation „Ventspils High Technology Park”

A 3.1

5.6.2 Title of the group of activities

Informative campaign of digital toolkit for target groups of BSR

64 / 100 characters

5.6.3 Description of the group of activities

The aim of this group of activities is to raise the awareness of the digital toolkit for target groups.

To successfully reach the aim of the group of activities, the following activities are planned to be implemented: -) informative digital campaign; -) presentations at 3rd party events; -) individual consultations.

Informative digital campaign. During the whole project period, there will be a constant informative digital campaign by project partners. This means that all project-related information (trainings, seminars, workshops, development of the tool, the purpose of the tool, etc.) will be posted on project partners social media accounts. It is expected that the total number of people reached thanks to the digital campaign will be at least 5000 from all over the Baltic Sea region. To monitor the number of people reached, partners, will complete the dissemination table once per 6 months and draw up the dissemination report at the end of the project.

Presentations at 3rd party events. Each partner will be responsible to carry out at least 2 presentations at 3rd party events on the national level, in total at least 16. Such an approach will allow reaching also other target groups that can benefit from this toolkit and were previously not included in different project activities or were not aware of the project itself. This will not only raise the awareness of the digital toolkit but also allow to disseminate and share project results to a wider audience on the national level.

Individual consultations. Each project partner will carry out at least 5 individual consultations with SMEs, suppliers, or other direct and indirect representatives from target groups. In total, 40 individual consultations will be carried out by project partners. Consultations will be carried out face-to-face or online.

As the result from carried activities, more SMEs, suppliers, business support organisations and other representatives of target groups will be aware of the digital toolkit and possibilities that it provides.

2,036 / 3,000 characters

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

D 3.1

Title of the deliverable

Digital toolkit guidelines

26 / 100 characters

Description of the deliverable

The digital toolkit guidelines will provide information on how the digital toolkit works and how individuals can benefit from it.

Guidelines will be mainly developed for makerspaces, SMEs, producers, suppliers, and business support organisations. It is expected that with the help of these guidelines, it will help to ease their everyday work and open potentially new opportunities.

Additionally, it is essential to point out that guidelines will be presented to the policy makers on the national level to inform them as well. This will also allow promotion of the digital toolkit itself.

The developed guidelines will be published on each partner's website, making them accessible to a wider audience. And as these guidelines will be in English, it is going to allow transferring them to other regions outside the Baltic Sea region more efficiently. This will allow us to reach a wider audience outside the project region in other countries or even on other continents.

973 / 2,000 characters

Which output does this deliverable contribute to?

2.1 Circular makerspaces 2.2 Circular maker space programme 2.3 Digital circular collaboration tool

99 / 100 characters

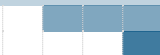
5.6.6 Timeline

Period: 1 2 3 4

WP.3: WP3 Transferring solutions

A.3.1: Informative campaign of digital toolkit for target groups of BSR

D.3.1: Digital toolkit guidelines



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

A 3.2

5.6.2 Title of the group of activities

50 / 100 characters

5.6.3 Description of the group of activities

This group of activities is aimed to promote the project and its results. It includes such activities as -) seminars and workshops; -) 2 international conferences, -) development of the promotional materials, -) development of the result video.

Seminars and workshops. Regional seminars and workshops for the dissemination of the project solutions will be organised by each project partner. The partners that have the makerspaces will organise workshops with practical activities, while partners without the makerspaces will organise seminars. It is planned that each partner will organise at least 1 event, which is going to be attended by 10-30 persons.

2 international conferences. International conferences for dissemination of the project results and solutions will be organised in 2 partner countries – Latvia and Denmark. Each conference will be organised for one full day, gathering around 60 people each. Conferences will be held in person and/or online format. International conferences will be organised in 2 locations since it will allow more efficiently reach the audience on the international level as people will be able to choose which country is nearer for them to travel to.

Promotional materials. At the beginning of the project, the lead partner will prepare an informative project template, with all relevant project information. This will be shared among the partners and translated to the relevant partner country's language. Afterwards, this is going to be transferred to the roll-up banners, posters, newsletters, etc. They will be used to ensure the visibility of the project and programme, as well as reaching out to potential participants at meetings, seminars, and workshops. Other materials, such as infographics, presentations, and digital leaflets may be produced based on the needs of project partners.

Result video. To sum up the project and its results, a short project result video (approx. 1-3 minutes long) will be developed. Video will be prepared in English and subtitles of all project partner languages will be added. This will allow to present video not only to English language speakers but also to native language speakers in relevant countries. Video is going to be published on project partner social media and it will be available also after the end of the project.

All of these activities will allow to disseminate project results more efficiently and engage target groups in the relevant countries. Additionally, activities will be designed in such a way that they will allow them to reach an even wider audience, who are not in the direct target groups. This will lead to sustainable use of the project results after the end of the project.

2,696 / 3,000 characters

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

D 3.2

Title of the deliverable

82 / 100 characters

Description of the deliverable

The deliverable will make the project recognized in all project partner countries in the Baltic Sea region and even beyond. It will be done thanks to the international conferences and developed result videos, which will be published and shared through partners networks.

It is planned to share the information of the project results with the national and regional public authorities, policy makers, start-ups, regional SMEs and other relevant national stakeholders at the seminars and workshops, as well as at the 2 international conferences. Educational institutions will also be invited to the seminars and workshops, in order to let them know about the developed materials that can be used to educate students on makerspaces and the opportunities they provide.

It is planned that each partner will organise at least 1 regional seminar or workshop (total of 8) gathering at least 80 participants in total. And each of the international conferences will gather around 60 participants (120 in total). So, in total it is planned to engage at least 200 participants at the promotional events.

Implementing the activities that produce this deliverable, will help to introduce the outputs and solutions that are created in the WP2. Based on the previous experience of project partners, to transfer solutions and introduce target groups with them, designed activities will be the most appropriate way to do it.

1,408 / 2,000 characters

Which output does this deliverable contribute to?

99 / 100 characters

5.6.6 Timeline

Period: 1 2 3 4

WP.3: WP3 Transferring solutions

A.3.2: Dissemination and promotion of the project results

D.3.2: Recognition of the project and its results on the national and international level



5.6.7 This deliverable/output contains productive or infrastructure investment



6. Indicators

Indicators

Output indicators				Result indicators		
Output indicators	Total target value in number	Project outputs	Please explain how the solution presented in this output serves the target group(s).	Result indicator	Total target value in number	Please explain how organisations in the target groups within or outside the partnership will take up or upscale each solution.
RCO 84 – Pilot actions developed jointly and implemented in projects	3	N/A	N/A			

Output indicators	Total target value in number	Project outputs	Please explain how the solution presented in this output serves the target group(s).	Result indicator	Total target value in number	Please explain how organisations in the target groups within or outside the partnership will take up or upscale each solution.
RCO 116 –		O.2.1: Circular maker spaces	<p>Circular maker spaces will be a small part of the whole economy, meanwhile, we can say that small things bring something bigger - regional understanding in society about circular business, products, production, prototypes, innovations that will make SMEs and interest groups more competitive and sustainable, raise capacity to business support organizations and regional policymakers. And in the end - circular maker spaces will raise new working spaces, a green and healthy environment, innovations and the whole Baltic Sea region will benefit from it.</p> <p>The circular economy was unknown in society a couple of years ago, today it is familiar to certain groups, but still less known and understandable for society in general. The reason for that is that there is a lack of practical existence of a circular economy on a daily basis in the business environment, in production which can be visible and recognisable. Circular maker spaces will bring a circular mindset closer to everybody.</p> <p style="text-align: right; font-size: small;">989 / 1,000 characters</p>	RCR 104 - Solutions taken up or up-scaled by organisations	3	<p>O1 Circular maker spaces: output will include guidelines that can be used for every interested maker space who would like to transform their business model from linear to circular. Also, guidelines can be a useful tool for developing new projects and cooperation ideas for interested business support organizations and policymakers. There are wide upscale opportunities because a couple of maker spaces were supportive of the idea, but couldn't participate in the project due to administrative challenges.</p> <p>O2 Circular education programme: description of the programme will be available in partners networks and will be shared with other organizations as a useful tool for training and new circular service development. It will be published in English and it will be adaptable to other maker spaces and organizations based on their needs. Additionally, it is expected that it will be possible to transfer the training programme outside BSR.</p> <p>O3 Digital Circular collaboration tool: long-term tool, which will be part of circular maker spaces as a source of resources for makers. The tool will be available in English and will be available to every kind of supplier from the Baltic Sea region. The upscale of the tool might be in the future by enlarging region and services. All interested makers, organizations, persons, and SMEs are more than encouraged and invited to use, and promote the tool. The main aim is to increase the number of makers and suppliers to find the best matchmaking for both sides.</p> <p>There are interesting maker spaces already, therefore adaptable and sharable tool development is necessary for ensuring wider durability and transferability of the outputs and project results.</p> <p style="text-align: right; font-size: small;">1,701 / 2,000 characters</p>

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.2.2: 2.2 Circular maker space education programme	<p>The circular economy still is not so familiar field to SMEs, start-ups, innovators and interest groups. The target audience is curious because most of them are proactive. Nowadays more and more learning cultures and lifelong learning gets popular, therefore the Circular maker space education programme will provide support to all targeted groups in the project. The general aim of the programme is to provide reasonable support to the groups to be more knowledge-intensive and become more competitive. SMEs and interest groups will receive not only seminars but also practical workshops. Meanwhile, business support organizations and policymakers, who are stakeholders, will receive relevant information for activity, policy and strategy development and implementation. Important to note, that circular maker spaces are a new angle of the circular economy and more information about it will be supportive to them.</p> <p style="text-align: right; font-size: small;">914 / 1,000 characters</p>			
Output indicators				Result indicators		
Output indicator	Total target value in number	Result indicator	<p>The project focuses on b2b match-making in the Digital Circular collaboration tool. This is a user-friendly tool that will support and help circular makers to find suppliers of materials (e.g. re-use, production surpluses etc.) from which they can produce sustainable, innovative and circular products.</p> <p>Additionally, it is essential to stress out that digital solutions contribute positively to environmental and climate targets set by the EU. In addition, digitalisation can also accelerate the transition to a circular economy, in this project's case - sustainable business models. organisations</p> <p style="text-align: right; font-size: small;">835 / 1,000 characters</p>	<p>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.</p>		
RCO 87 - Organisations cooperating across borders	8	O.2.3: 2.3. Digital circular collaboration tool				<p>There are 8 partner organizations from which 5 own maker spaces, which directly will increase their institutional capacity by investments and transformation from linear to circular approach. The rest of the 3 partner organizations will strongly ensure their expertise and will take part in piloting the training programme and digital tool with the purpose to increase their know-how and capacity.</p> <p>During the project also useful guidelines about circular maker spaces will be developed, which can be useful for further circular service, and cooperation network development.</p> <p>By taking part in the project and its activities, all organisations will have a wider view of the circular approaches that are being used in other project countries. This means, that they will be able to potentially develop ideas for future projects.</p> <p>Important to note, that involved organizations have a strong collaboration with public organizations as one of the main financiers, therefore they will contribute to EU, national and regional strategy.</p> <p>Total: 8 organizations</p> <p style="text-align: right; font-size: small;">1,057 / 1,500 characters</p>

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.
<p>PSR 1 - Organisations with increased institutional capacity due to their participation in cooperation activities across borders</p>	<p>368</p>	<p>Other organisations</p> <p>There are 3 groups:</p> <ol style="list-style-type: none"> 1. At least 2 other organizations per country like - sectoral associations, chambers, public organizations, other maker spaces and business support organizations will be involved in project activities that are planned in all 3 WPs. Total 10 organizations. Their capacity will be raised by education about the circular economy, maker spaces, design, business models and production. The purpose of the involvement of other organizations is to inspire and share know-how, and best practices to develop both circular management in the organization and new projects and services for SMEs about circular economy. As a result - there might be new circular maker spaces or a transformation of existing ones from linear to circular models. 2. The participants, that will take part in training (approx. 250). Changes in their mindset, attitude and behaviour can bring the biggest impact in long term on circular maker spaces, the economy, the environment and innovations. To develop, most of them need support both by know-how and a supportive environment like circular maker spaces. 3. Suppliers (approx. 100) this group plays important role in the circular supply chain - if there are companies that can provide resources for re-use or surpluses, there will be innovations and circular products and a reduction of production waste. Long-term cooperation is necessary for the stability of the process, therefore large companies could be the best suppliers. <p style="text-align: right;">1,476 / 1,500 characters</p>

7. Budget

7.0 Preparation costs

Preparation Costs

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

Yes

Other EU support of preparatory cost

Did you receive any other EU funds specifically designated to the development of this project application?

No

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

No. & role	Partner name	Partner status	CAT0 - Preparation costs	CAT1 - Staff	CAT2 - Office & administration
1 - LP	Valmiera County council	Active 22/09/2022	0.00	82,560.00	12,384.00
2 - PP	Foundation „Ventspils High Technology Park”	Active 22/09/2022	24,000.00	148,608.00	22,291.20
3 - PP	Valmiera Development Agency	Active 22/09/2022	0.00	119,712.00	17,956.80
4 - PP	Kaunas Science and Technology Park	Active 22/09/2022	0.00	121,088.00	18,163.20
5 - PP	Lithuanian Innovation Centre	Active 22/09/2022	0.00	136,224.00	20,433.60
6 - PP	Creator Makerspace	Active 22/09/2022	0.00	95,890.00	14,383.50
7 - PP	Maker	Active 22/09/2022	0.00	155,667.00	23,350.05
8 - PP	Technical University of Applied Sciences Wildau	Active 22/09/2022	0.00	140,352.00	21,052.80
Total			24,000.00	1,000,101.00	150,015.15

No. & role	Partner name	CAT3 - Travel & accommodation	CAT4 - External expertise & services	CAT5 - Equipment	CAT6 - Infrastructure & works
1 - LP	Valmiera County council	12,384.00	4,000.00	26,000.00	90,000.00
2 - PP	Foundation „Ventspils High Technology Park”	22,291.20	30,000.00	51,000.00	0.00
3 - PP	Valmiera Development Agency	17,956.80	19,300.00	4,000.00	0.00
4 - PP	Kaunas Science and Technology Park	18,163.20	30,000.00	0.00	0.00
5 - PP	Lithuanian Innovation Centre	20,433.60	25,000.00	1,000.00	0.00
6 - PP	Creator Makerspace	14,383.50	14,000.00	55,000.00	0.00
7 - PP	Maker	23,350.05	15,000.00	30,000.00	0.00
8 - PP	Technical University of Applied Sciences Wildau	21,052.80	0.00	0.00	0.00
Total		150,015.15	137,300.00	167,000.00	90,000.00

No. & role	Partner name	Total partner budget
1 - LP	Valmiera County council	227,328.00
2 - PP	Foundation „Ventspils High Technology Park”	298,190.40
3 - PP	Valmiera Development Agency	178,925.60
4 - PP	Kaunas Science and Technology Park	187,414.40
5 - PP	Lithuanian Innovation Centre	203,091.20
6 - PP	Creator Makerspace	193,657.00
7 - PP	Maker	247,367.10
8 - PP	Technical University of Applied Sciences Wildau	182,457.60
Total		1,718,431.30

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. Valmiera Countv	Events/meetings	CAT4-PP1-A-0	Communication costs, including organising a conference, video <small>61 / 100 characters</small>	No	3.2	4,000.00
2. Foundation .Vent	Events/meetings	CAT4-PP2-A-0	Workshops and seminars for training of makers <small>45 / 100 characters</small>	No	2.2	5,000.00
2. Foundation .Vent	IT	CAT4-PP2-B-0	Creating of promotion of digital circular collaboration tool <small>60 / 100 characters</small>	No	1.3 2.3 3.1	15,000.00
2. Foundation .Vent	Specialist support	CAT4-PP2-E-0	For creation and implementation of training programme and piloting circular makerspaces <small>87 / 100 characters</small>	No	1.2 2.1 2.2	8,000.00
2. Foundation .Vent	Other	CAT4-PP2-G-0	Materials for workshops, trainings, piloting business ideas <small>59 / 100 characters</small>	No	2.1 2.2	1,000.00
2. Foundation .Vent	Other	CAT4-PP2-G-0	Training for makerspace staff <small>29 / 100 characters</small>	No	2.2	1,000.00
3. Valmiera Develo	Events/meetings	CAT4-PP3-A-0	Workshops and seminars <small>22 / 100 characters</small>	No	2.2 3.2	10,000.00
3. Valmiera Develo	Specialist support	CAT4-PP3-E-0	For creation and implementation of training programme and piloting circular makerspaces <small>87 / 100 characters</small>	No	1.2 2.1 2.2	6,300.00
3. Valmiera Develo	Communication	CAT4-PP3-C-0	Communication costs, including organising a conference <small>54 / 100 characters</small>	No	3.2	2,000.00
4. Kaunas Science	Events/meetings	CAT4-PP4-A-1	Workshops and seminars for target group <small>39 / 100 characters</small>	No	2.2 3.2	14,000.00
4. Kaunas Science	Communication	CAT4-PP4-C-1	Communication costs, including banners, posters <small>47 / 100 characters</small>	No	3.2	1,000.00
Total						137,300.00

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
4. Kaunas Science	Specialist support	CAT4-PP4-E-1	Specialist support for creation and implementation of training programme <small>72 / 100 characters</small>	No	1.2 2.2	10,000.00
4. Kaunas Science	National control	CAT4-PP4-F-1	Audit <small>5 / 100 characters</small>	No	N/A	5,000.00
5. Lithuanian Innova	Events/meetings	CAT4-PP5-A-1	Workshops and seminars for target group <small>39 / 100 characters</small>	No	2.2 3.2	7,000.00
5. Lithuanian Innova	IT	CAT4-PP5-B-1	Creating of promotion of digital circular collaboration tool <small>60 / 100 characters</small>	No	1.3 3.1	2,000.00
5. Lithuanian Innova	Communication	CAT4-PP5-C-1	Communication costs, including banners, posters <small>47 / 100 characters</small>	No	3.2	6,000.00
5. Lithuanian Innova	Specialist support	CAT4-PP5-E-1	Specialist support for creation and implementation of training programme <small>72 / 100 characters</small>	No	1.2 2.2	6,000.00
5. Lithuanian Innova	National control	CAT4-PP5-F-1	Audit <small>5 / 100 characters</small>	No	N/A	4,000.00
6. Creator Makersp	Events/meetings	CAT4-PP6-A-1	Workshops and seminars for training of makers and dissemination <small>63 / 100 characters</small>	No	2.2 3.2	3,000.00
6. Creator Makersp	Communication	CAT4-PP6-C-2	Communication costs, including banners, posters <small>47 / 100 characters</small>	No	3.2	1,000.00
6. Creator Makersp	Project management	CAT4-PP6-D-2	Project management costs for implementation of the project <small>58 / 100 characters</small>	No	N/A	5,000.00
6. Creator Makersp	Specialist support	CAT4-PP6-E-2	For creation and implementation of training programme and piloting circular makerspaces <small>87 / 100 characters</small>	No	1.2 2.1 2.2	3,000.00
6. Creator Makersp	Other	CAT4-PP6-G-2	Materials for workshops, trainings, piloting business ideas <small>59 / 100 characters</small>	No	2.1 2.2	2,000.00
Total						137,300.00

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
3. Valmiera Develo	Other	CAT4-PP3-G-2	Materials for workshops, trainings, piloting business ideas <small>59 / 100 characters</small>	No	2.1 2.2	1,000.00
7. Maker	Specialist support	CAT4-PP7-E-2	For creation and implementation of training programme and piloting circular makerspaces <small>87 / 100 characters</small>	No	1.2 2.1 2.2	15,000.00
Total						137,300.00

7.1.2 Equipment

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
1. Valmiera Countv	Machines and instru	CAT5-PP1-E-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_1	20,000.00
1. Valmiera Countv	Furniture and fittings	CAT5-PP1-C-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_1	6,000.00
2. Foundation .Vent	Machines and instru	CAT5-PP2-E-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_2	51,000.00
3. Valmiera Develo	Machines and instru	CAT5-PP3-E-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	No	1.1	4,000.00
5. Lithuanian Innova	IT hardware and soft	CAT5-PP5-B-0	Tools for eco-design <small>20 / 100 characters</small>	No	1.3	1,000.00
6. Creator Makersp	Office equipment	CAT5-PP6-A-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_3	2,000.00
6. Creator Makersp	IT hardware and soft	CAT5-PP6-B-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_3	20,000.00
6. Creator Makersp	Furniture and fittings	CAT5-PP6-C-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_3	2,000.00
Total						167,000.00

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
6. Creator Makersp	Machines and instru	CAT5-PP6-E-0	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_3	25,000.00
6. Creator Makersp	Tools or devices	CAT5-PP6-F-1	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_3	6,000.00
7. Maker	Machines and instru	CAT5-PP7-E-1	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_4	25,000.00
7. Maker	Tools or devices	CAT5-PP7-F-1	Equipment for makerspace in circular economy field <small>50 / 100 characters</small>	Yes	I1.1_4	5,000.00
Total						167,000.00

7.1.3 Infrastructure and works

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
1. Valmiera Countv	Specialised interventi	CAT6-PP1-E-0	Transformation of maker spaces into circular maker spaces <small>57 / 100 characters</small>	Yes	I1.1_1	90,000.00
Total						90,000.00

7.1.4 Investment summary

Investment item no.	Investment title	Total planned value
I1.1_1	Reconstruction and equipment of maker space "DARE" premises	116,000.00
I1.1_2	Equipment for maker space "RADE"	51,000.00
I1.1_3	Equipment of maker space "Creator"	55,000.00
I1.1_4	Equipment of maker space "Maker"	30,000.00

Investment no. I1.1_1 - Reconstruction and equipment of maker space "DARE" premises

Contracting partner	Planned contract value
1. Valmiera County council	116,000.00

Investment no. I1.1_2 - Equipment for maker space "RADE"

Contracting partner	Planned contract value
2. Foundation „Ventspils High Technology Park”	51,000.00

Investment no. I1.1_3 - Equipment of maker space "Creator"

Contracting partner	Planned contract value
6. Creator Makerspace	55,000.00

Investment no. I1.1_4 - Equipment of maker space "Maker"

Contracting partner	Planned contract value
7. Maker	30,000.00

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	Valmiera County council	Active 22/09/2022	LV	ERDF	80.00 %	227,328.00	181,862.40	45,465.60	For each partner, the State aid relevance and applied aid measure are defined in the State aid section
2-PP	Foundation „Ventspils High Technology Park”	Active 22/09/2022	LV	ERDF	80.00 %	298,190.40	238,552.32	59,638.08	
3-PP	Valmiera Development Agency	Active 22/09/2022	LV	ERDF	80.00 %	178,925.60	143,140.48	35,785.12	
4-PP	Kaunas Science and Technology Park	Active 22/09/2022	LT	ERDF	80.00 %	187,414.40	149,931.52	37,482.88	
5-PP	Lithuanian Innovation Centre	Active 22/09/2022	LT	ERDF	80.00 %	203,091.20	162,472.96	40,618.24	
6-PP	Creator Makerspace	Active 22/09/2022	NO	Norway	50.00 %	193,657.00	96,828.50	96,828.50	
7-PP	Maker	Active 22/09/2022	DK	ERDF	80.00 %	247,367.10	197,893.68	49,473.42	
8-PP	Technical University of Applied Sciences Wildau	Active 22/09/2022	DE	ERDF	80.00 %	182,457.60	145,966.08	36,491.52	
Total ERDF						1,524,774.30	1,219,819.44	304,954.86	
Total Norway						193,657.00	96,828.50	96,828.50	
Total						1,718,431.30	1,316,647.94	401,783.36	

7.3 Spending plan per reporting period

	EU partners (ERDF)		Norwegian partners (Norway)		Total	
	Total	Programme co-financing	Total	Programme co-financing	Total	Programme co-financing
Preparation costs	24,000.00	19,200.00	0.00	0.00	24,000.00	19,200.00
Period 1	304,955.00	243,964.00	38,730.00	19,365.00	343,685.00	263,329.00
Period 2	433,432.00	346,745.60	58,097.00	29,048.50	491,529.00	375,794.10
Period 3	457,432.00	365,945.60	58,097.00	29,048.50	515,529.00	394,994.10
Period 4	304,955.30	243,964.24	38,733.00	19,366.50	343,688.30	263,330.74
Total	1,524,774.30	1,219,819.44	193,657.00	96,828.50	1,718,431.30	1,316,647.94

