

1. Identification

Call

Date of submission

C1

26/04/2022

1.1. Full name of the project

Enhancing BSR regions' resilience through competitive value chain integration of innovative and sustainable natural resource-based industries.

142 / 250 characters

1.2. Short name of the project

ValueStreams

12 / 20 characters

1.3. Programme priority

1. Innovative societies

1.4. Programme objective

1.1 Resilient economies and communities

1.6. Project duration

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

1.7. Project summary

The ValueStreams [VS] core project builds on the results & conclusions of the VS seed money project. The seed money project showed a strong supply side potential (natural resources, research, knowledge, products, innovations) confronted, however, by demand side challenges, e.g.: access to markets, knowledge & market drivers, upstream- & downstream linkages, technologies & research, and geographic fragmentation of solutions. To address these, VS is proposing a methodology to be tested and transferred: (i) how to orient support production & research commercialisation to effectively respond to market and innovation driven demand and, by benefitting from the BSR options to access competitive value chains (VC) and (ii) how to improve regional policies to respond to (i). VS is operationalising issues to which the EU as a whole is strongly committed.

Three types ['Themes'] of pilots are foreseen: (i) product scaling up or product line diversification; plans are drawn, piloted & evaluated. Access to knowledge, research & demand across the BSR is key; (ii) commercialisation of research to TRL 6-7; (iii) improvement of S3 to support VC- based development, mainstreaming findings from pilot types (i) & (ii).

Main outputs include improved products, transferable process modelling, and policy improvements. Domains in focus are natural resources (blue- & green- biomasses) & their side streams functional ingredients for the food, anti-ageing cosmetics & plant-based proteins industries'.

1,498 / 1,500 characters

1.8. Summary of the partnership

TARGET GROUPS & PARTNERSHIP Project target groups are five (5): SMEs, MNLs, University/research, innovation intermediaries and regional policy makers. The partnership consists of 2 universities with research institutes & technology transfer offices attached [PP1, PP2], 3 regional authorities / policy makers [PP3, PP4, PP6], and 4 innovation intermediaries with expertise in the bio-based economy and innovation transfer to businesses [PP5, PP7, PP8, PP9]. The project partnership orchestrates activities: here is an established process of involving SMEs and MLNs as beneficiaries or as associated partners to the project implementation. The partnership is based on closely woven, long-term interactions of the triple (and Q-helix) in all partner regions.

COMPETENCE, EXPERIENCE & BACKGROUND PP1 is a research unit of the University of Oulu [UOULU], located in Kajaani. It has measurement technology development and applications expertise. It is also a technology transfer unit supporting regional and national companies in berry processing industries and forest industry side streams, including expertise in organic processing of biomasses. The work has resulted in patented innovations and several new or improved products in companies at the fields of cosmetics, food & beverage industry and nutritional supplements. PP1 has been a partner in numerous international projects (EU/Horizon, national & regional) in the last 10 years, being lead partner in 2 of them and currently being a lead partner in the project of ERA-Net ForestValue project. PP2 is socialising in blue-biomass research and solutions, and has strong involvement in BSR and Horizon projects besides national innovation and research options.

PP5, PP7, PP8, and PP9 are experienced in innovation transfer through wide range of interactions with businesses, including business-to-research and research-to-business schemes and exchanges with university and research institutions within the own region and beyond.

PP3 has developed value-chain based development expertise and experience since especially 2015, through international Interreg (IE), and S3 partnerships.

POLICY IMPROVEMENT POTENTIAL PP3, PP4 are very experienced in the Interreg Europe & BSR programmes, as partners or/and lead partners, and able to network widely between regions and disseminate project results beyond BSR region. PP3, PP4 and PP6 are also experienced with EC's S3 industrial partnerships, collaborating in BERRY+ and in the Vanguard initiative (PP3 and PP6). PP3 and PP6 are designated RIS3 coordinators as IBs/MAs. Access to national level RIS3 decision making is ensured by PP4, PP8, and PP9; and as dissemination target by PP3, too.

MILESTONE IMPACT ValueStreams emphasises transnational long term interactions and, eventually, the extension of a regionally bound innovation space to a transnational one. This is achieved through the pilots and the transfer of solutions.

2,938 / 3,000 characters

1.11. Project Budget Summary

Financial resources [in EUR]		Preparation costs	Planned project budget
ERDF	ERDF co-financing	0.00	1,625,078.34
	Own contribution ERDF	0.00	406,269.60
	ERDF budget	0.00	2,031,347.94
NO	NO co-financing	0.00	0.00
	Own contribution NO	0.00	0.00
	NO budget	0.00	0.00
NDICI	NDICI co-financing	0.00	0.00
	Own contribution NDICI	0.00	0.00
	NDICI budget	0.00	0.00
RU	RU co-financing	0.00	0.00
	Own contribution RU	0.00	0.00
	RU budget	0.00	0.00
TOTAL	Total Programme co-financing	0.00	1,625,078.34
	Total own contribution	0.00	406,269.60
	Total budget	0.00	2,031,347.94

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	University of Oulu	Oulun yliopisto	FI	Higher education and research institution	a)	392,987.20 €	Active	22/09/2022
2	PP	University of Turku	Turun yliopisto	FI	Higher education and research institution	a)	239,099.60 €	Active	22/09/2022
3	PP	Regional Council of Kainuu	Kainuun Liitto	FI	Regional public authority	a)	159,500.00 €	Active	22/09/2022
4	PP	Vidzeme Planning Region	Vidzemes plānošanas reģions	LV	Regional public authority	a)	255,540.00 €	Active	22/09/2022
5	PP	Institute for Environmental Solutions	Nodibinājums "Vides risinājumu institūts"	LV	NGO	b)	194,992.00 €	Active	22/09/2022
6	PP	Malopolska Region	Województwo Małopolskie	PL	Regional public authority	a)	134,445.03 €	Active	22/09/2022
7	PP	Foundation of Innovative Initiatives	Fundacja Inicjatyw Innowacyjnych	PL	NGO	b)	231,754.11 €	Active	22/09/2022
8	PP	Center of Food and Fermentation Technologies	Toidu ja Fermentatsioonitehnoloogia Arenduskeskus AS	EE	Small and medium enterprise	b)	248,954.00 €	Active	22/09/2022
9	PP	Lithuanian Innovation Center	Lietuvos inovacijų centras	LT	Business support organisation	a)	174,076.00 €	Active	22/09/2022

2.1.2 Associated Organisations

No.	Organisation (English)	Organisation (Original)	Country	Type of Partner
AO 1	Latvian Food Bioeconomy Cluster	Latvijas Pārtikas bioekonomikas klasteris	LV	Business support organisation
AO 2	Arctic Flavours Association	Arktiset Aromit ry	FI	NGO

2.2 Project Partner Details - Partner 1

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

Partner name:

Organisation in original language	Oulun yliopisto	15 / 250 characters
Organisation in English	University of Oulu	18 / 250 characters
Department in original language	Kajaanin yliopistokeskus, Mittaustekniikan yksikkö	50 / 250 characters
Department in English	Kajaani University Consortium, Unit of Measurement Technology	61 / 250 characters

Partner location and website:

Address	<input type="text" value="P.O.Box 127"/> <small>11 / 250 characters</small>	Country	<input type="text" value="Finland"/>
Postal Code	<input type="text" value="FI-87400"/> <small>8 / 250 characters</small>	NUTS1 code	<input type="text" value="Manner-Suomi"/>
Town	<input type="text" value="Kajaani"/> <small>7 / 250 characters</small>	NUTS2 code	<input type="text" value="Pohjois- ja Itä-Suomi"/>
Website	<input type="text" value="https://www.oulu.fi/kajaaniuniversityconsortium/node/53668"/> <small>58 / 100 characters</small>	NUTS3 code	<input type="text" value="Kainuu"/>

Partner ID:

Organisation ID type	<input type="text" value="Business Identity Code (Y-tunnus)"/>
Organisation ID	<input type="text" value="0245895-5"/>
VAT Number Format	<input type="text" value="FI + 8 digits"/>
VAT Number	<input type="checkbox"/> N/A <input type="text" value="FI02458955"/> <small>10 / 50 characters</small>
PIC	<input type="text" value="999844670"/> <small>9 / 9 characters</small>

Partner type:

Legal status	<input type="text" value="a) Public"/>
Type of partner	<input type="text" value="Higher education and research instituti"/> <input type="text" value="University faculty, college, research institution, RTD facility, research cluster, etc."/>
Sector (NACE)	<input type="text" value="72.19 - Other research and experimental development on natural sciences and engineering"/>

Partner financial data:

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

Role of the partner organisation in this project:

Lead partner. Leader of WP1 and Group of activities 1.1.: Transnational governance and regional participatory structures. Expertise in functional ingredients and regenerative cosmetics, as well as in processing and refining natural biomasses, quality assurance analytic and bio-activities of natural compounds. The partner has extensive and wide collaboration networks with companies in cosmetics and food industry, They include both the main Finnish cosmetic company Lumene Ltd. and several regional SMEs, and producers of various natural products using raw materials such as berries, nettle, herbs, leaves and aromatic oils of trees. The partner's researcher were in December 2017 awarded European patent (Cosmetic compositions containing fractions of lingonberry extracts, EP2914242A2). Three senior researchers have also industrial experience in R&D in food, dairy and pharmaceutical industry. The international collaboration networks of PP1 extend outside of BSR to Ireland, Italy & Greece.

998 / 1,000 characters

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

Yes No

State aid relevance

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

Yes No

2.2 Project Partner Details - Partner 2

LP/PP

Partner Status

Active from **Inactive from**

Partner name:

Organisation in original language 15 / 250 characters

Organisation in English 19 / 250 characters

Department in original language 61 / 250 characters

Department in English 64 / 250 characters

Partner location and website:

Address 14 / 250 characters **Country**

Postal Code 8 / 250 characters **NUTS1 code**

Town 5 / 250 characters **NUTS2 code**

Website 10 / 100 characters **NUTS3 code**

Partner ID:

Organisation ID type

Organisation ID

VAT Number Format

VAT Number N/A 10 / 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:

PP2 brings to the project strong expertise in blue biomasses and in food technology. Responsible director of PP2 has in addition to academic professorship, work experience of 10 years in a company extracting valuable oils from fruit and berry seeds, and thus understanding of developing industrial processes and doing R&D in industry. From the research of PP2, the key findings with potential applications for commercialization and transferring to SMEs, are processes for obtaining fish proteins and fish oil from low value fish (Baltic herring and roach) from the Baltic sea and fish processing side streams. The use are as food ingredients and food supplements. Also new product concepts based on these fractions have been developed, which could be transferred to companies processing fish raw materials and food products. PP2 will have a central role during implementation of pilots as an expert & advisor of SMEs.

916 / 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

2.2 Project Partner Details - Partner 3

LP/PP

Partner Status

Active from Inactive from

Partner name:

Organisation in original language 14 / 250 characters

Organisation in English 26 / 250 characters

Department in original language 18 / 250 characters

Department in English 31 / 250 characters

Partner location and website:

Address <input type="text" value="Kauppakatu 1"/> <small>12 / 250 characters</small>	Country <input type="text" value="Finland"/>
Postal Code <input type="text" value="87100"/> <small>5 / 250 characters</small>	NUTS1 code <input type="text" value="Manner-Suomi"/>
Town <input type="text" value="Kajaani"/> <small>7 / 250 characters</small>	NUTS2 code <input type="text" value="Pohjois- ja Itä-Suomi"/>
Website <input type="text" value="www.kainuunliitto.fi"/> <small>20 / 100 characters</small>	NUTS3 code <input type="text" value="Kainuu"/>

Partner ID:

Organisation ID type	<input type="text" value="Business Identity Code (Y-tunnus)"/>		
Organisation ID	<input type="text" value="2496992-4"/>		
VAT Number Format	<input type="text" value="FI + 8 digits"/>		
VAT Number	<input type="checkbox"/> N/A	<input type="text" value="FI24969924"/>	<small>10 / 50 characters</small>
PIC	<input type="text" value="950575169"/>		<small>9 / 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:

The Regional Council of Kainuu is ValueStreams project partner 3. PP3 is joining ValueStreams in order to strengthen the 2021-2027 RIS3 bio-based economy and research provisions related to the bio-based economy, and systematise the integration of value-chain based development measures and new types of projects.

PP3 is participating in all project WPs. PP3 is coordinating: A1.3 EDP sessions (WP1) and Theme 3 pilot on policy improvement (WP2), integrating findings from themes 1 and 2 pilots into RIS3, also ensuring interregional connectivity; is member of the TG team.

PP3 focuses on anti ageing cosmetics VCs, standardisation measures between value chain segments (measurement & online sensors technologies developed by PP1 MITY), and utilisation of functional ingredients of the forest industry side streams. PP3 ensures the engagement of regional stakeholders & linkages between them and project meetings (WP3). PP3 hosts the ValueStreams interregional project meeting in Kainuu.

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 4

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="Vidzemes plānošanas reģions"/>		
	<small>29 / 250 characters</small>		
Organisation in English	<input type="text" value="Vidzeme Planning Region"/>		
	<small>23 / 250 characters</small>		
Department in original language	<input type="text" value="-"/>		
	<small>1 / 250 characters</small>		
Department in English	<input type="text" value="-"/>		
	<small>1 / 250 characters</small>		

Partner location and website:

Address	<input type="text" value="Berzaines iela 5"/> <small>18 / 250 characters</small>	Country	<input type="text" value="Latvia"/>
Postal Code	<input type="text" value="LV 4101"/> <small>8 / 250 characters</small>	NUTS1 code	<input type="text" value="Latvija"/>
Town	<input type="text" value="Cesis"/> <small>6 / 250 characters</small>	NUTS2 code	<input type="text" value="Latvija"/>
Website	<input type="text" value="http://www.vidzeme.lv/lv/vpr_jaunumi"/> <small>36 / 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="90002180246"/>		
VAT Number Format	<input type="text" value="LV + 11 digits"/>		
VAT Number	<input type="checkbox"/> N/A	<input type="text" value="LV90002180246"/> <small>13 / 50 characters</small>	
PIC	<input type="text" value="986260596"/> <small>9 / 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:

Main role to coordinate activity group A1.3. PP4 is a public authority responsible for the planning and development of the Vidzeme region, establishing regional development policy, including issues of entrepreneurship and growth. PP4 has wide expertise in cross-border and international projects in such domains as strategic and geospatial planning, entrepreneurship and innovation environment, vocational education, environment, energy, and digitalisation. PP4 is active member of biobased regions' network - BIOBORD platform, and a member of ERIAF network. PP4 has established good regional network of about 200 diverse stakeholders. In the Vidzeme Region Sustainable Development strategy 2030 and Vidzeme Development Programme 2027 PP4 has defined a regional smart specialization areas corresponding to the nationally defined RSI3 area "Knowledge-intensive bioeconomy": High added value wood-based products; Healthy food and beverages production; Biomass usage for energy and chemical conversion

999 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 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"/>

Partner name:

Organisation in original language	Nodibinājums "Vides risinājumu institūts" <small>41 / 250 characters</small>
Organisation in English	Institute for Environmental Solutions <small>37 / 250 characters</small>
Department in original language	Foundation "Institute for Environmental Solutions" <small>50 / 250 characters</small>
Department in English	n/a <small>3 / 250 characters</small>

Partner location and website:

Address	"Lidlauks", Priekuli parish <small>27 / 250 characters</small>	Country	Latvia
Postal Code	LV-4126 <small>7 / 250 characters</small>	NUTS1 code	Latvija
Town	Cesis County <small>12 / 250 characters</small>	NUTS2 code	Latvija
Website	http://www.videsinstituts.lv/en <small>31 / 100 characters</small>	NUTS3 code	Vidzeme

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	50008131571
VAT Number Format	LV + 11 digits
VAT Number	<input type="checkbox"/> N/A <input type="checkbox"/> LV50008131571 <small>13 / 50 characters</small>
PIC	965376011 <small>9 / 9 characters</small>

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	72.11 - Research and experimental development on biotechnology	

Partner financial data:

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

Financial data	Reference period	01/04/2020	–	31/12/2020
Staff headcount [in annual work units (AWU)]				17.3
Employees [in AWU]				17.3
Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]				0.0
Owner-managers [in AWU]				0.0
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]				0.0
Annual turnover [in EUR]				1,036,681.00
Annual balance sheet total [in EUR]				1,648,265.00
Operating profit [in EUR]				2,273.00

Role of the partner organisation in this project:

PP5 contributes to piloting and knowledge and expertise transfer activities; creates and identifies SME networks for piloting; analyses the efficiency of knowledge and expertise transfer; and contributes to dissemination and exploitation activities. PP5 actively participates in the formation of regional stakeholder groups, the definition of the pilot activity content through the EDP process and writing of the business plans. PP5 brings extensive expertise in medicinal and aromatic plant cultivation, R&D of natural chemical compounds for various applications in collaboration with SMEs, chemical characterisation of biomass, and biorefining of plant biomass using cutting edge technologies to the project. PP5 is a member of the European Herb Growers Association which connects herb growers and users in the pharmaceutical, cosmetics, and food industries in Europe and beyond.

881 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 6

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

Partner name:

Organisation in original language	Województwo Małopolskie		
	23 / 250 characters		
Organisation in English	Małopolska Region		
	17 / 250 characters		
Department in original language	Departament Nadzoru Właścielskiego i Gospodarki		
	49 / 250 characters		
Department in English	Department of Ownership Supervision and Economy		
	47 / 250 characters		

Partner location and website:

Address	Basztowa 22	Country	Poland
	11 / 250 characters		
Postal Code	31-156	NUTS1 code	Makroregion południowy
	6 / 250 characters		
Town	Kraków	NUTS2 code	Małopolskie
	6 / 250 characters		
Website	www.malopolska.pl	NUTS3 code	Miasto Kraków
	17 / 100 characters		

Partner ID:

Organisation ID type	Tax identification number (NIP)	
Organisation ID	6762083499	
VAT Number Format	PL + 10 digits	
VAT Number	<input type="checkbox"/> N/A	<input type="text" value="PL6762083499"/> <small>12 / 50 characters</small>
PIC	<input type="text" value="999952922"/> <small>9 / 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:

Marshal's Office of Malopolska Region(MOMR) will be active partner at the every stage of the project implementation supported by PP7. In particular PP6 in involved in the organization and implementation of the Theme 3 pilot on policy instrument improvement, in collaboration with the other VS regional authority partners on policy improvement. MOMR will organize the RSG (regional strategy group) and coordinate the EDP (entrepreneurial discovery process) sessions for Malopolska; will adopt results of Type 1 and Type 2 pilots into the Theme 3 pilot. PP6 will be involved in the anti-ageing cosmetics and functional ingredients used in food VCs. PP6 together with PP7 will organize project's partner meeting in Malopolska. MOMR will ensure the implementation of the results in the long-term perspective. The MOMR, as an auxiliary unit of the Regional Board, is an efficient and effective office of regional administration, which executes its statutory and own tasks for the development of the Region

1,000 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 7

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="Fundacja Inicjatyw Innowacyjnych"/> <small>32 / 250 characters</small>		
Organisation in English	<input type="text" value="Foundation of Innovative Initiatives"/> <small>36 / 250 characters</small>		
Department in original language	<input type="text" value="n/a"/> <small>3 / 250 characters</small>		
Department in English	<input type="text" value="n/a"/> <small>3 / 250 characters</small>		

Partner location and website:

Address	<input type="text" value="Cegielniana 4a"/> <small>14 / 250 characters</small>	Country	<input type="text" value="Poland"/>
Postal Code	<input type="text" value="30-404"/> <small>6 / 250 characters</small>	NUTS1 code	<input type="text" value="Makroregion południowy"/>
Town	<input type="text" value="Kraków"/> <small>6 / 250 characters</small>	NUTS2 code	<input type="text" value="Małopolskie"/>
Website	<input type="text" value="www.fii.org.pl"/> <small>14 / 100 characters</small>	NUTS3 code	<input type="text" value="Miasto Kraków"/>

Partner ID:

Organisation ID type	<input type="text" value="Tax identification number (NIP)"/>
Organisation ID	<input type="text" value="6772331705"/>
VAT Number Format	<input type="text" value="PL + 10 digits"/>
VAT Number	<input type="checkbox" value="N/A"/> <input type="text" value="PL6772331705"/> <small>12 / 50 characters</small>
PIC	<input type="text" value="887199249"/> <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="94.99 - Activities of other membership organisations n.e.c."/>	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	<input type="text" value="No"/>	
Financial data	Reference period	<input type="text" value="01/01/2020"/> – <input type="text" value="01/12/2020"/>
	Staff headcount [in annual work units (AWU)]	<input type="text" value="5.5"/>
	Employees [in AWU]	<input type="text" value="2.5"/>
	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="3.0"/>
	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="453,887.58"/>
	Annual balance sheet total [in EUR]	<input type="text" value="466,435.09"/>
	Operating profit [in EUR]	<input type="text" value="61,687.23"/>

Role of the partner organisation in this project:

Foundation of Innovative Initiatives (FII) focuses on the implementation of innovative projects, promoting the use of new technologies and innovations by SMEs affecting the socio-economic development, initiating research and development cooperation between science and business and strengthening pro-innovation attitude. PP7 in the Valuestream project will be sharing the leadership with PP3 in WP2 and will supervise and implement WP2.1 Implementation of the pilots. Moreover FII will actively participate in each WP when it comes to supporting and attending regional meetings (RSG, EDP), contacting and activating regional stakeholders. performing the pilot actions together with other partners, attending partner's meetings .

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 52 / 250 characters

Organisation in English 44 / 250 characters

Department in original language 21 / 250 characters

Department in English 31 / 250 characters

Partner location and website:

Address	<input type="text" value="Akadeemia tee 15 A"/> <small>18 / 250 characters</small>	Country	<input type="text" value="Estonia"/>
Postal Code	<input type="text" value="12618"/> <small>5 / 250 characters</small>	NUTS1 code	<input type="text" value="Eesti"/>
Town	<input type="text" value="Tallinn"/> <small>9 / 250 characters</small>	NUTS2 code	<input type="text" value="Eesti"/>
Website	<input type="text" value="www.tftak.eu"/> <small>12 / 100 characters</small>	NUTS3 code	<input type="text" value="Põhja-Eesti"/>

Partner ID:

Organisation ID type

Organisation ID

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?

Financial data	Reference period	01/01/2021	-	31/12/2021
Staff headcount [in annual work units (AWU)]				80.0
Employees [in AWU]				80.0
Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]				0.0
Owner-managers [in AWU]				0.0
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]				0.0
Annual turnover [in EUR]				2,532,333.00
Annual balance sheet total [in EUR]				2,527,762.00
Operating profit [in EUR]				390,881.00

Role of the partner organisation in this project:

PP8 is a contract research organization specializing in fundamental and applied research and development in food and fermentation technologies to bridge the gap between industry and academia. One of the current main focuses is plant protein research starting from extraction methods up to the end-product formulations. PP8 has analytical methods for antinutrients and key molecules influencing sensory properties of the products. Successful collaborations with various Estonian and international producers have ended up in commercialized products. Examples on Estonian market for both meat and dairy alternatives: <https://thormi.ee/>, <https://www.deary.eu/products/>. PP8 has ongoing projects with different international organizations, e.g. Better Nature, Green Dairy. In this project, PP8 acts as contact point for enterprises & SMEs in Estonia; participates in pilot activities, disseminates information from project activities. PP8 will be responsible for plant protein value chains throughout WPs

1,000 / 1,000 characters

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

Yes No

2.2 Project Partner Details - Partner 9

LP/PP
Partner Status
Active from **Inactive from**

Partner name:

Organisation in original language 26 / 250 characters

Organisation in English 28 / 250 characters

Department in original language 45 / 250 characters

Department in English 41 / 250 characters

Partner location and website:

Address 18 / 250 characters **Country**

Postal Code	<input type="text" value="LT-08412"/> <small>9 / 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>11 / 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:

Lithuanian Innovation Center (LIC) is ValueStreams project partner 9. PP9 is a business support organization with extensive experience in business consulting (innovation, digitisation and technology transfer) and innovation policy fields.

PP9 is the only partner from Lithuania, therefore it will be responsible for the implementation of all project WPs in the country. In particular, LIC will be an active player in the organization of RSG meetings and the coordination of EDP sessions, as it has wide collaboration networks with the actors involved in the Lithuania agro-food industry, including business associations, higher-education institutions, regional public authorities and others. Together with the national stakeholders and experts, PP9 is also going to participate in the piloting and transferring activities, based on the results obtained during the activities in the WP1 to promote product development or commercialization of research in food industries.

970 / 1,000 characters

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

Yes No

2.3 Associated Organisation Details - AO 1

Associated organisation name and type:

Organisation in original language	Latvijas Pārtikas bioekonomikas klasteris		42 / 250 characters
Organisation in English	Latvian Food Bioeconomy Cluster		31 / 250 characters
Department in original language	n/a		3 / 250 characters
Department in English	n/a		3 / 250 characters
Legal status	a) Public		
Type of associated organisation	Business support organisation	Chamber of commerce, chamber of trade and crafts, business incubator or innovation centre, business clusters, etc.	

Associated organisation location and website:

Address	Zinātnes iela 2	16 / 250 characters	Country	Latvia
Postal Code	LV-4126	7 / 250 characters		
Town	Priekule, Cēsu county	22 / 250 characters		
Website	n/a	3 / 100 characters		

Role of the associated organisation in this project:

Latvian Food Bioeconomy Cluster has extensive connections to companies in food and bioeconomy field in Latvia. It is able both to disseminate project results amongst its member companies and to gather companies to the project events and to be information source about the companies to the project. It is one of the most developed and internationally active bioeconomy clusters in the Baltic countries. The objectives of the cluster are to promote the sustainable production, processing, and consumption of healthy, high-quality, and safe food, to develop knowledge-based food bioeconomy innovations, and to promote scientific and industrial cooperation both locally and internationally.

686 / 1,000 characters

2.3 Associated Organisation Details - AO 2

Associated organisation name and type:

Organisation in original language	Arktiset Aromit ry	19 / 250 characters
Organisation in English	Arctic Flavours Association	28 / 250 characters
Department in original language	n/a	3 / 250 characters
Department in English	n/a	3 / 250 characters
Legal status	b) Private	
Type of associated organisation	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.

Associated organisation location and website:

Address	Kauppakatu 20 D	15 / 250 characters	Country	Finland
Postal Code	89600	5 / 250 characters		
Town	Suomussalmi	11 / 250 characters		
Website	https://www.arktisetaromit.fi/en/association/			
		45 / 100 characters		

Role of the associated organisation in this project:

The Arctic Flavours Association is a nation-wide association for Non-Wood Forest Products specialising in wild berries, mushrooms, herbs and special forest products. The aims of the Association are to promote the gathering, processing and use of natural products as well as to improve their quality. They are widely networked with companies of natural product field, members of association being companies. In the project they disseminate project results to their company network and also to general public. Their bring to the project also more expertise in natural raw materials and legislation dealing with natural products.

627 / 1,000 characters

3. Relevance

3.1 Context and challenge

BSR member states are rich in natural resources. Bio-based economy is part of their RIS3 strategies. Many BSR regions face critical mass challenges, i.e. imperfect market conditions, while strong knowledge & expertise for the utilisation of bioresources are fragmented across various companies, institutes, regions and countries; also requiring orientation of scaling up initiatives. Exploring these strengths, today, implies diversification and access to new innovation markets. Also, in light of the present conjecture, maximising sustainable exploration & exploitation of localised natural raw materials is a must. Development of products & production processes can require expertise in several fields of science or engineering. Analytics for quality control or product validation may require mastering of several techniques. Awareness of & access to markets (current & emerging) might be a challenge.

VS proposes the VC approach as an effective way to address these challenges. This requires better & operational VC understanding by regional actors. Integration into innovation-based VC:s requires advanced competence & cross-regional facilitation, and domain-associated expertise as each VC faces specific challenges -which, if systematically addressed, lead to product & research opportunities. E.g., plant-based proteins, a developed & growing industry, require further product improvements & research inputs (nutritional challenges related to protein content, quality and digestibility; ingredient functionality such as change in texture, mouthfeel or consistency; etc). Analogous issues occur in the anti ageing cosmetics VC (differentiating the anti-ageing effects of specific ingredients & researching new ones; adjusting products to emerging markets; changing distribution patterns; competence in the complex health and safety standards, etc.

VS pilot Themes 1 & 2 address such issues systematically.

1,918 / 2,000 characters

3.2 Transnational value of the project

The Enhancing BSR regions' resilience through competitive value chain integration of innovative and sustainable natural resource-based industries/ValueStreams [VS] project, relevant technological and scientific knowledge and good practices will be combined into a multidisciplinary network and efficiently utilised in well-organized transnational cross border cooperation. In addition, cross-border cooperation between SMEs increases the processing volumes and visibility of micro SMEs to help achieve international markets access. Interaction between SMEs and R&D actors enables creation of higher critical mass and synergistic or joint processing and validation procedures, thereby promoting access to larger markets.

For natural products, raw materials and manufacturing companies are mostly in East and North of BSR whereas the markers and the largest end-user industries are in South. Therefore, the understanding and utilization of transnational value chains is a prerequisite to obtain growth of regional companies. The regions participating in the ValueStreams project have their strong niches in natural product business. For Northern Finland, including Kajaani region, they are utilizing forest berries and wood-based biomasses. Finland has also developed systems to certify forest regions as organic. In Latvia, Vidzeme region is strong producer of organic and high value food products. Vidzeme Planning region was one of initiators and founding members of Latvian high added value and healthy food cluster.

1,523 / 2,000 characters

3.3 Target groups

Target group	Sector and geographical coverage	Its role and needs
<p>Small and medium enterprise</p>	<p>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources - with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p> <p>268 / 500 characters</p>	<p>ROLE: SMEs (i) participate in the entrepreneurial discovery (EDP) sessions, in training, and in expression of interest sessions; (ii) in the pilots' implementing teams; (iii) in the evaluation of the pilots.</p> <p>NEEDS: Regional and often peripheral SMEs are aware that markets are evolving and new markets are merging; they are aware that new opportunities are there; they are aware also that green transition requires updates in the production processes. Due to conjectural or structural reasons, these SMEs need to be helped of how to access competitive markets for their products and also how to tailor</p> <p>605 / 1,000 characters</p>

Target group	Sector and geographical coverage	Its role and needs
<p>Large enterprise</p>	<p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p> <p style="text-align: right; font-size: small;">371 / 500 characters</p>	<p>ROLE: MLNs can be production or distribution supply chain drivers. They are reliable proxies for market and industry-driven innovations. They participate (face to face or online) and contribute the shareable (no trade secrets) part of their knowledge in the EDP sessions. They can also be external experts in guiding product development / product line diversification.</p> <p>NEEDS: In VCs, MLNs have downstream /backward (as subcontractors) and upstream /forward (as subcontracting agencies) roles, i.e. they are either producing the final goods, or intermediate goods or selling final goods to consumers. They are aware of forthcoming demand trends as they have a multisided, strong market presence. As intermediate goods producers, they are aware of innovation-driven priorities, too. Supply chain drivers are always seeking better products and better buyers. They form the supply and demand conditions within value chains. By interacting with MLNs, SMEs can orient their diversification initiatives.</p> <p style="text-align: right; font-size: small;">998 / 1,000 characters</p>
<p>Higher education and research instituti</p>	<p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p> <p style="text-align: right; font-size: small;">366 / 500 characters</p>	<p>ROLE: Universities are included in their role as orienting agents, basic research actions, i.e. as far as TRL 1-5, applied research, commercialisation and innovation intermediaries. Research units are part of the transnational advisory team for the implementation of the pilots, together with the innovation intermediaries (see category below). Research units are part of the EDP sessions. They coordinate Theme 1 and 2 pilots. They are also part of the process modelling.</p> <p>NEEDS: Commercialisation orientation, outlets at regional and transnational levels, and BSR level access to research services are needed. The VC approach implies strengthening the regional economic base by referring to the transnational (BSR) VC-based demand, re-localising IPR-secure final or intermediate innovation solutions, as well as jointly scaling up TRL. IPR & TRADE SECRETS are carefully addressed.</p> <p style="text-align: right; font-size: small;">883 / 1,000 characters</p>

Target group	Sector and geographical coverage	Its role and needs
<p>Business support organisation</p>	<p>This regards innovation infrastructures as business support organisations.</p> <p style="text-align: right;"><small>75 / 500 characters</small></p>	<p>ROLE: Here, by the term 'business support organisations' [BSS] we mean innovation infrastructures with competence in innovation transfer, knowledge & technology transfer units, competent at business-to-research, research-to-business and research-to-research facilitation. BSS are also screening registered research outputs with commercialisation potential.</p> <p>BSS are part of the transnational advisory team for the implementation of the pilots, together with the university-based research-units (see category above).</p> <p>NEEDS: BSS ensure effective knowledge-to-business mediation at high added value level. IPR & TRADE SECRETS are carefully addressed. Research units are part of the EDP sessions. Through the transnational team they ensure resonance of initiatives and transnational (BSR) collaboration options to the pilots; in that sense, they are also part of the process modelling.</p> <p style="text-align: right;"><small>886 / 1,000 characters</small></p>
<p>Regional public authority</p>	<p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p> <p style="text-align: right;"><small>177 / 500 characters</small></p>	<p>ROLE: Institutional rôle as S3 responsible organisations. RPAs participate in ValueStreams in order to (i) explicitly integrate value-chain based development into respective S3s; (ii) improve policy instruments (namely SF2021-2027, TO1 calls application, evaluation and monitoring criteria relating to value chain-based development. The three RPAs form the transnational RPS team / platform, coordinated by Kainuu. They exchange on the pilots as well as on the EDP sessions.</p> <p>NEEDS: While the issue of value chains has become a priority in the EU, and while evidence tells us that VCs are very important for regional resilience and industry or science driven innovation, VC are still not well understood from the perspective of regional policy makers. ValueStreams, through the pilot actions, collect data that is subsequently interpreted into three respective RIS3/S3 plans and transferred as (a) additional programmes and (b) new types of projects.</p> <p style="text-align: right;"><small>951 / 1,000 characters</small></p>

3.4 Project objective

Your project objective should contribute to:

Resilient economies and communities

Challenge driven innovations are developed in response to two grand challenges in the BSR, namely climate change and resource efficiency, leading to increased resilience. Resource efficiency is improved by exploring side streams and parts of resources that would otherwise go unused to waste. Climate change is fought against by more efficient use of raw materials and by increased use of special potential of natural resources.

The overall objective of the project is increase regional economic resilience through demand-led, innovation-based actions; by piloting, evaluating and mainstreaming into RIS3 targeted pilot actions (Theme 1 New product development / diversification, Theme 2 Commercialisation of research, Theme 3 Policy improvement) exploring regional natural resource & by-products potential. To achieve the overall objective the following sub-objectives are addressed:

- 1.- To promote challenge driven innovations to the participating regions and relate it to their natural resources.
- 2.- To promote the concept and growth potential of value chains, to the participating regions and relate it to their natural resources.
- 3.- To increase regional diversification and exports as consumer or intermediate products and further economical resilience.
- 4.- To plan (including EDP sessions), implement and evaluate transnational pilot actions based on regions' prioritised natural resources functional ingredients.
- 5.- To improve policy instruments (RIS3) of the participating regions, strengthening regional national resources diversification, VC integration including transnational interactions.
- 6.- To model into a transferable approach the process followed, items 1 to 5 above.
- 7.- To disseminate project results and good practices within the BSR, partner regions and the EU; to the expert, business, policy making, and general public communities.

1,866 / 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.

PA bioeconomy

VS project increases resilience of rural communities that are often dependant on biomasses and industries utilizing them (Action 1). Since the use of raw material becomes more efficient and wasting is avoided also climate change resilience increases and circular economy is strengthened. The raw materials are refined further and less of them are exported as intermediate products increasing productivity and even further economical resilience.

The project also advances use and refining of special plants, forest and blue biomasses, typically being high value raw materials. It transfers knowledge of organic processing of biomasses, and thus increases number and volume of organic products, especially high value organic products.

Raw materials and processed intermediate products of the project can end up to several end user industries. This kind of "branching" of value chains is actively encouraged (WP1,2,3). Side streams from one manufacturing industry are utilized in various industries. Blue and green biomasses are both considered in the project. This brings experts and companies from both fields together which may result in new innovations, practices and to accelerate sustainable bioeconomy.

1,226 / 1,500 characters

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

PA Innovation

Natural resource exploration & exploitation focus involves, through the Theme 1 and 2 pilots the development of innovative products & diffusion of innovations in (i) plant-based proteins; a fast growing industry with several research challenges remaining; (ii) functional ingredients applications in the anti ageing cosmetics industry (a constantly renewed and intensified innovation domain) and (iii) functional ingredients applications in the food&beverage industries.

The VC approach opens up VC-related challenges and opportunities for new product development and research applications, aiming at innovative results. More effective VC methods are proposed and mainstreamed into policy measures ensuring effectiveness & coherence of initiatives.

VS orchestrates stakeholders (business, research, policy makers) emphasizing natural biomasses and related industries in their strategies. It results in stronger innovation ecosystems are encouraged and opportunities for joint development / co-creative innovations (pilot Themes 1 and 2) will increase.

VS liaises with existing BSR transnational platforms, connecting BSR - based interactions and innovation ecosystems exchanges with the purpose of bridging gaps (knowledge, skills and market access gaps for SMEs) as well as exploring new co-creation opportunities. The project contributes to the Smart specialisations (S3 / RIS3) strategies of partner regions: Kainuu (FI), Vidzeme (LV), Malopolska (PL), Estonia (ET), MORE?

1,497 / 1,500 characters

3.6 Other political and strategic background of the project

Strategic documents

VS is at the cross roads of a number of current EU policies, strategies and action plans. We stress in this section four policies and / or policy instruments:

- (1) SF2021-2027 Policy Objective 1, regional smart specialisation strategies, and also the 7th enabling condition promoting interregional innovation investments.
- (2) Updated 2020 New Industrial Strategy [COM(2021) 350 final]: strengthening EU industrial autonomy, through value chain collaboration; achievement of global convergence

496 / 500 characters

(3) The new Circular Economy Action Plan for a cleaner and more competitive Europe [COM/2020/98 final], and (4) the new SME Strategy [COM(2020)103. Mutual dependencies may be an element of stability in GVC [OECD 2020]. A more circular economy and improved resource efficiency also contribute to reducing dependencies and strengthening resilience. Continued efforts towards sustainable product design, a circular economy and increased collection and recycling of raw materials.

480 / 500 characters

(4) An SME Strategy for a sustainable and digital Europe COM(2020) 103 final; Pillar 1, Capacity-building and support for the transition to sustainability and digitalisation. It will foster circular industrial collaboration among SMEs building on training, advice under the Enterprise Europe Network on cluster collaboration, and on knowledge transfer via the European Resource Efficiency Knowledge Centre. Structural Funds, Regional Start Specialisation Strategy

463 / 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

Please enter the title of this seed money project.

Cross border Value streams from nature – Valueable natural products from industrial side streams for natural cosmetics, food and beverage industry

146 / 200 characters

Please select which Policy Area (PA) or Horizontal Action (HA) this seed money project contributed to most.

PA Innovation

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>New natural Kolarctic products - SME assistance</p> <p>47 / 200 characters</p>	<p>Kolarctic programme</p> <p>19 / 200 characters</p>	<p>The Kolarctic project collected information about the small Northern companies, some of which may be able to ingrate also to value chains studied in ValueStream project. University of Oulu (Unit of Measurement technology is partners in both projects)</p> <p>250 / 1,000 characters</p>
<p>Natural future of cosmetics</p> <p>27 / 200 characters</p>	<p>Leader program - Leader Action Groups in Finland and Ireland.</p> <p>62 / 200 characters</p>	<p>International collaboration project in Leader programme. University of Oulu (Unit of Measurement Technology) is a partner. The project is used to transfer certain technologies to Finland from Ireland, mainly cell culture based tests for cosmetics and natural products. Also transfer of knowledge activities in skin tests, and directly to companies lectures and seminars. The transfered information greatly benefits also ValueStreams project.</p> <p>443 / 1,000 characters</p>

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
<p>BRIDGES project (Bridging knowledge and infrastructure gaps among various regions for better ris3 delivery).</p> <p>108 / 200 characters</p>	<p>Interreg EUROPE 2016-2022 (includes extension 2021-2022), https://projects2014-2020.interregeurope.eu/bridges/</p> <p>111 / 200 characters</p>	<p>Interregional collaboration project to identify complementarities, propose and implement interregional initiatives between and among partner regions, based on RIS3 priorities and joint development potential. All participating regions had/have bio-based economy industries among their RIS3 prioritised domains. One pilot action (2019-2021) was approached to test the methodological findings, which confirmed the assumption that interregionality -once systematised- can be an in depth, effective regional development and convergence tool. In the extension period a VC mapping tool was developed, mapping VCs from RDI perspective and localising strength and weaknesses in the regions. Based on that, an updated policy improvement is expected, with RIS3 measures addressing VC re-shoring, in-shoring and near-shoring (= offshoring) initiatives.</p> <p>841 / 1,000 characters</p>
<p>SCIENCE LINK and BALTIC TRAM projects</p> <p>37 / 200 characters</p>	<p>BSR projects Science Link approved 2011, (https://www.science-link.eu) Baltic TRAM approved 2015, (https://www.baltic-tram.eu/about/index_eng.html).</p> <p>151 / 200 characters</p>	<p>Projects tested and proved the relevance of providing advanced research and measurement services across the BSR, and liaising large research infrastructures with any type of region in the BSR, from very innovation advanced to less advanced. The lessons learnt confirm the to institutionalise (i) interregional governance structures in terms of coordinating, facilitating and monitoring transnational access to research services, and (ii) regional innovation infrastructures / industrial development centres / innovation clusters. etc. and their operational linkages to larger research infrastructures. These regional innovation intermediaries require to be qualified, while interregional and transnational collaborations with large research infrastructures and associated transfer of knowledge to local businesses (especially SMEs), should be institutionalised among any other of their formally designated functions.</p> <p>917 / 1,000 characters</p>
<p>Promotion of the Malopolska 2.0 BioRegion (ProBioM-2)</p> <p>53 / 200 characters</p>	<p>Regional Operational Programme for the Malopolska Region 2014-2020</p> <p>66 / 200 characters</p>	<p>The aim of the Project is to strengthen the competitiveness of the sector of small and medium-sized enterprises (SMEs) operating in the area of smart specialization of Malopolska „life science” through an integrated program promoting the brand and economic offer of Malopolska BioRegion, as an ecosystem of „innovative technologies for health and quality of life”.</p> <p>The goal is accomplished by stimulating the activity of companies from the SME and StartUp sectors and supporting their expansion into international markets. Through the implementation of the project with the LifeScience Krakow Cluster, a regional cooperation network between stakeholders was established, which will be used in the Valuestreams project.</p> <p>718 / 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

10%

4.1 Project management

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

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

PROJECT MANAGEMENT (PM) The project management, administration and day-to-day coordination are internal. The Partnership Agreement (PA) and the interregional steering committee (ISC) are the foundations of the PM.

PROJECT GOVERNANCE (PG) The PG is completed by the Transnational Governance Team (TGT) consisting of the WP leaders, activity responsible and pilot actions coordinators, and the Communication & Dissemination Team (CDT). PG ensures the involvement of all partners in different roles.

499 / 500 characters

4.2 Project financial management

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

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

The project's financial management is done internally. PP assign internally a department and an employee who will be responsible for carrying out the financial management. Auditing is done by certified first level controllers, as per BSR MS provisions.

Public procurements are supported by individual PPs' legal departments or by external experts (lawyers with public procurement competence). Joint financing tasks -when subcontracted, follow the legal provisions of the coordinating PP.

491 / 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.

Communication plan is made at latest on M3 containing exact target numbers for communication activities. LinkedIn account is established, and web pages planned by a professional designer. WP leaders and pilot coordinators have right to add material to LinkedIn, web pages are maintained by the LP. External newsletter is published 4 times annually and disseminated by all partners. Communication activities are reported to an Excell table in the project sharepoint to facilitate monitoring.

490 / 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
	Group of Activity Name
1.1	Transnational governance and regional participatory structures
1.2	Interregional initiatory event (IIE): matching the demand & supply contexts.
1.3	Engaging the regional and transnational base for VC integration; modelling of the solution Part 1
2	WP2 Piloting and evaluating solutions
	Group of Activity Name
2.1	Implementation of the pilots, Part 2 of the solution
2.2	Knowledge management, transfer of solutions material
3	WP3 Transferring solutions
	Group of Activity Name
3.1	Transfer of solutions
3.2	Communication and dissemination
3.3	Closing conference

Work plan overview

	Period: 1	2	3	4	5	6	Leader
WP.1: WP1 Preparing solutions							PP1
A.1.1: Transnational governance and regional participatory structures							PP1
O.1.1: Transnational governance and regional participatory structures: structures and protocols		O	O	O	O	O	PP1
A.1.2: Interregional initiatory event (IIE): matching the demand & supply contexts.							PP7
O.1.2: Planning & implementing the Interregional Initiatory event.		O	O				PP7
A.1.3: Engaging the regional and transnational base for VC integration; modelling of the solution Part 1							PP4
O.1.3: 1 report modelling the process defining transnational pilots & VC integration.Part1 of the solution.			O				PP4
WP.2: WP2 Piloting and evaluating solutions							PP3
A.2.1: Implementation of the pilots, Part 2 of the solution							PP7
O.2.1: Comprehensive report with 6 case studies, detailing the implementation of the pilots.			O	O	O	O	PP7
A.2.2: Knowledge management, transfer of solutions material							PP3
O.2.2: 'Transfer of solution package', completes Part 2 of the solution.				O	O	O	PP3
WP.3: WP3 Transferring solutions							PP7
A.3.1: Transfer of solutions							PP7
O.3.1: Documentation of the transfer of solutions activities and results					O	O	PP7
A.3.2: Communication and dissemination							PP8
O.3.2: VS communication and dissemination		O	O	O	O	O	PP8
A.3.3: Closing conference							PP1
O.3.3: Closing conference: planning, implementation and documentation					O	O	PP1

Outputs and deliverables overview

Code	Title	Description	Contribution to the output	Output/ deliverable contains an investment
O 1.1	Transnational governance and regional participatory structures: structures and protocols	1 report describing the transnational governance provisions and members and the regional governance structures. This output consists of detailing the following: 5 RSG in each one of the partner-regions; 1 RSG protocol, common to all VS partner regions, orienting the RSG operation towards the planning and implementation of pilot actions at regional level and ensuring transnationality. 1 ISC with members and operational protocol (this is the Partnership Agreement, part of the Management). 1 PMT with members and operational protocol (this is the Partnership Agreement, part of the Management). 1 TGT supported by a protocol, operations, approach, and list of members. 1 CDT supported by a protocol, operations, approach, and list of members.		

O 1.2	Planning & implementing the Interregional Initiatory event.	1 comprehensive report documenting the event & resulting action recommendations. As a process, O1.2 is part of the solution aimed at by VS, since it contributes to start addressing VC integration and transnational networking for that purpose. To reach this result and the respective final output, the following sub activities with corresponding documentation / deliverables are foreseen: 4 Planning sessions (online) to define and organise the implementation of the interregional initiatory event, TGT, CDT, and PP7. Materials generated include: purpose, type and structure of event, branding, engaging of experts, ensuring stakeholder rôle and participation, premises and catering, Invitations, Marketing, the online logistics of the event, reporting and publications provisions; ensuring competent report facilitating event secretariat. 2 rounds of RSG meetings (2/per region), one before the event and one after to engage stakeholders and to diffuse results and recommendation and inform of the next steps. 1 Hybrid event implemented (the interregional initiatory event is planned too be face to face with online access options as well) 1 Project report liaising the event findings with the forthcoming pilots' business plans		
O 1.3	1 report modelling the process defining transnational pilots & VC integration.Part1 of the solution.	1 report modelling the process for defining transnational pilots & VC integration. To achieve this output a number of sub activities with corresponding deliverables are required, as follows: 1 Agenda for 5 RSG meetings; 5 5 EDP sessions with corresponding reports 5 transnational pilots are selected (online meeting) confirmed by all regions; themes 1 & 2. 1 transnational pilot dealing with policy instrument improvement is agreed; theme 3. 6 transnational business plans 1 assessment report of the A 1.3 process, leading to modelling conclusions		
O 2.1	Comprehensive report with 6 case studies, detailing the implementation of the pilots.	6 pilots clearly defined including the regional, national (if any) and transnational partners. 1 RSG for the strat of the pilots 2 TGT monitoring meetings per semester (sem 3,4,5, and 6) online & back to back with the respective ISC:s 6 case studies templates 6 case studies are formulated (sem 5 & 6) Structure, drafting and finalising of the comprehensive report (sem 3-4-5-6) 4 CDT meetings promoting the progress and on-going progress of the pilots; news briefs and brief interviews with the pilots' contributors. CDT meetings are organised back to back with ISC meetings.		
O 2.2	'Transfer of solution package', completes Part 2 of the solution.	Data, observations, and good practises identified from pilots include: 2RSG meetings per region = 10 RSG discussing pilots. 1 TSG & CDT meeting back to back with the 5th ISG to (i) assess further the 6 case studies report that resulted from A 2.1; (ii) agree the structure of the 'transfer of solution' package. 3 online TSG & CDT meetings assessing the progress of the 'transfer of solution' package. 1 final 'transfer of solution' package, including all required dissemination material. 1 Publication (30 hard copies) of the transfer of solution, and the same material uploaded to the project web site and to the partners' web sites. Transfer of solution package include recognised prerequisites for succesful implementation of solution, good practices identified from pilots, recommended roles and tasks for stakeholders, evaluation costs of and required resources for actions and summary of results obtained by these solutions in pilots.		
O 3.1	Documentation of the transfer of solutions activities and results	1 comprehensive report documenting the transfer of solutions activities and their results. Sub-activities with corresponding deliverables include: 1 corpus of dissemination material, including news briefs and explanatory information, uploaded to the project web sites 1 interregional meeting (back to back with the ISG) 5 RSG meetings / or regional boards transfer sessions. 4 Contributions to interregional and /or European-wide events.		
O 3.2	VS communication and dissemination	1 comprehensive report on the implementation and results of the closing conference. 1 Project communication team (CDT), described under A1.1 1 Communication and dissemination strategy 1 Branding of the project (logo, presentation, text document templates) 1 web site / web site location; option for interactions with the public are foreseen; linkages of the project web site to the partners' web sites. 1 corpus of project baseline dissemination material (factsheet, leaflet, banner), updated twice during the VS project. At least 2 project updates presented in the project web site per semester (total 12) Project news briefs according to the progress of achieved project results and outputs; at least 12 news briefs during the project duration. 2 Participations with contributions in conferences organised by other projects 2 Articles (type of articles to be decided) 1 Closing conference (see section 3.3) Support and documentation of the partners' communication and dissemination activities Updates to the project web-site		
O 3.3	Closing conference: planning, implementation and documentation	1 comprehensive report on the implementation and results of the closing conference. Sub-activities and associated deliverables include: 1 closing conference plan 1 closing conference event 1 closing conference documentation material (presentations and discussion conclusions).		

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 - University of Oulu

Work package leader 2

PP 3 - Regional Council of Kainuu

5.4 Work package budget

Work package budget

30%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	<p>Small and medium enterprise</p> <p>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p> <p>268 / 500 characters</p>	<p>SMEs are accessed through the regional stakeholder group cooperation, the entrepreneurial discovery sessions and the day to day processing and interactions. SMEs are engaged at two levels: those that will participate in the project and benefit directly from product development and scaling up activities, and those that will benefit in terms more of learning. This is organised so for two reasons: first of all the project has limited budget and direct benefits are restricted. It is foreseen that at least 3 regions foresee regional / national calls to strengthen product scaling up. Secondly, this is an innovation-based approach: it will seek businesses with corresponding absorptive capacity and product-scaling up accordingly. SMEs that will participate in the pilots are selected through the exchanges in the initiatory event and the EDP sessions, during which, product innovation options will be proposed by regional and transnational researchers.</p> <p>952 / 1,000 characters</p>
2	<p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p> <p>371 / 500 characters</p>	<p>Large enterprises are engaged through innovation intermediaries, technology transfer offices and the regional stakeholder groups orchestrated by regional policy makers. They ensure the demand -side of the project. They include besides manufacturing businesses also distribution (=super market chains) options. Their participation & contribution, for setting the scene of the pilots in all three themes is crucial.</p> <p>415 / 1,000 characters</p>
3	<p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p> <p>366 / 500 characters</p>	<p>There are three (3) universities with their attached technology transfer offices and research units engaged in Value Streams as partners. Two more universities are engaged through the regional stakeholder meetings. They are participating and contributing to international and regional meetings, and to the transfer of solutions.</p> <p>HEIRs together with the Innovation intermediaries (target group below) are science-based but with close-to-market knowledge and suggestions about the pilots. For example, during the preparation of the VS proposal, we have identified key issues potential leading to pilots. We list, for example: improving the taste of plant-based proteins; technologies for extraction of bioactive compounds of plants; fractionation technologies; missing access to bio-refineries; unknown value of chemical components of different biomass, maybe leading to co-developed Theme 2 pilot; etc.</p> <p>905 / 1,000 characters</p>
4	<p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p> <p>75 / 500 characters</p>	<p>Innovation infrastructures are project partners. It is essential that they are expert organisations in both innovation transfer and bio-based economy issues relevant to their respective regions. They are essential in identifying SMEs and MLNs, discussing possible pilots, and supporting the conceptualisation and transfer of solutions.</p> <p>For more information on our approach please review, in the HEIRs target group above, the 2nd §.</p> <p>434 / 1,000 characters</p>

	Target group	How do you plan to reach out to and engage the target group?
5	<p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p> <p style="text-align: right;"><small>177 / 500 characters</small></p>	<p>RPA's are project partners (PP3, PP4, PP6) and are accessed at national level through the engaged partners in the case of PP4 Latvia, PP 8 Estonia and PP9 Lithuania. It is taken care that RIS3 planning & monitoring organisations (either as project partners or as stakeholders are involved). PP3, PP4 and PP6 form the core team of Theme 3 pilot, jointly developing the criteria for improving the RIS3 policy instrument. What is crucial is the interaction and evidence-based approach for the mainstreaming of the findings and models resulting from pilots Themes 1&2. Regional authorities participate in all activities, including transfer of solutions with discussion sessions and targeted exchange of information among policy makers.</p> <p>RPA's are organising the regional stakeholder groups (RSG) and responsible for the regional EDP sessions. They are members of the Transnational Governance team (TG). As ValueStreams (VS) partners, they are members of the project's Interregional Steering Group (ISG).</p> <p style="text-align: right;"><small>1,000 / 1,000 characters</small></p>

5.6 Activities, deliverables, outputs and timeline

No.	Name
1.1	Transnational governance and regional participatory structures
1.2	
1.3	Engaging the regional and transnational base for VC integration; modelling of the solution Part 1

WP 1 Group of activities 1.1

5.6.1 Group of activities leader

Group of activities leader

A 1.1

5.6.2 Title of the group of activities

62 / 100 characters

5.6.3 Description of the group of activities

The objective of A 1.1. is to define, set up and operate those transnational governance and regional participatory functions and teams that will ensure the effective implementation of all three ValueStreams [VS] WP:s.

REGIONAL LEVEL At regional level the main participatory function is defined by the regional stakeholder group (RSG). RSGs mobilise regional and / or supply chain driver businesses, research, and policy makers (even when they are not VS direct partners). The objective is first have the project well explained and accepted by local, communities and then orient the RSG function towards EDP benefitting from transnational options. Selection of economic and research activation domains among the three options proposed by the VS project. Linking of the challenge-based innovation approach to the VS thematic pilots. RSG members are defined during the first semester in each one of the regions, and confirmed during the A 1.2 Interregional initiatory event. RSG meetings are expected to take place in each region and they are about engaging q-helix stakeholders to the project planning, implementation and dissemination (transfer of solutions). One of the RSG meetings is organised as an entrepreneurial discovery process (EDP) session with the participation of transitional experts.

TRANSNATIONAL LEVEL Transnational governance comprises four functions: the interregional steering group (ISG), project management team (PMT), the WP leaders and the coordinators of the pilots and this is called 'transnational solutions governance' TGT, and the project Communication and dissemination team (CDT).

The ISC is discussed under the MANAGEMENT section. The ISC meets once every semester (face-to-face), and it is possible to also organise ad hoc online meetings. The PMT consists of the PM staff of each PP. It supports the ISC and deals with the day to day management issues.

The TGT aims at ensuring at transnational level the quality of the project outputs & results and their evidence-based usefulness for the regions; it is part of the planning, implementation, evaluation, transfer, and communication phases of the pilots. The TSG advises the ISG on relevant issues; it ensures, as well, cross cutting essential information sharing between and among all VS activities. The TSG meets face to face once every semester, back to back with the ISG meeting.

The project CDT is responsible for the dissemination activities and material, and supports PP7 who is organising the Large Initiatory Event and PP1 who is responsible for organising the Closing Conference. Each one of the partners appoints one staff member to participate in the CDT and this is also the linkage between transnational and regional / national activities. The CDT meets face to face once every semester, back to back with the ISG meetings. The CDT and the TSG collaborate for the organisation of the transfer of solutions interregional event (end of the 5th / start of the 6th semester).

2,997 / 3,000 characters

5.6.5 This group of activities leads to the development of an output

O 1.1

Title of the output

Transnational governance and regional participatory structures: structures and protocols

88 / 100 characters

Description of the output

1 report describing the transnational governance provisions and members and the regional governance structures. This output consists of detailing the following:
 5 RSG in each one of the partner-regions; 1 RSG protocol, common to all VS partner regions, orienting the RSG operation towards the planning and implementation of pilot actions at regional level and ensuring transnationality.
 1 ISC with members and operational protocol (this is the Partnership Agreement, part of the Management).
 1 PMT with members and operational protocol (this is the Partnership Agreement, part of the Management).
 1 TGT supported by a protocol, operations, approach, and list of members.
 1 CDT supported by a protocol, operations, approach, and list of members.

749 / 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>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>Transnational governance has two aspects: managerial and operational (planning, coordination, monitoring, problem -solving). These are part of the day-to-day activities.</p> <p>HEIRs, business support organisations and regional policy makers are the project partners. They participate in the project governance through:</p> <ul style="list-style-type: none"> -- the ISC: one designated person per partner. -- the TGT: according to the responsibilities assumed by the different partners as per WP1, WP2, WP3, their activities and also pilots coordination. -- the CDT: 1 staff member / partner assigned to the CDT, ensuring also dissemination linkage at regional and national levels. <p>Regional governance is ensured through the Regional Stakeholder Groups (RSG). In each one of the regions, partners organise an RSG which includes also policy making representatives (if they are not partners) and civil society (quadruple helix). RSGs give inputs to the TGT and participate in joint development organised by the project partners.</p>
<p>Target group 2</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>The same explanation as above.</p>
<p>Target group 3</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>The same explanation as above.</p>

989 / 1,000 characters

30 / 1,000 characters

30 / 1,000 characters

Durability of the output

As long as the project lasts, i.e. 36 months.

45 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4 5 6

WP.1: WP1 Preparing solutions

A.1.1: Transnational governance and regional participatory structures

O.1.1: Transnational governance and regional participatory structures: structures and protocols



5.6.7 This deliverable/output contains productive or infrastructure investment

WP 1 Group of activities 1.2

5.6.1 Group of activities leader

Group of activities leader PP 7 - Foundation of Innovative Initiatives

A 1.2

5.6.2 Title of the group of activities

Interregional initiatory event (IIE): matching the demand & supply contexts.

76 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE: The Interregional initiatory event [IIE] brings together demand (BSR & EU) & supply contexts (VS partner regions), discusses and sets the context for the pilot actions. The anticipated range of pilot actions includes (but does not exclude more options): adjusting products to demand (this might demand transfer of knowledge between regions); commercialising research in VS regions or even within the BSR; relocalising products within the VS partnership; complementing value chain segments through coordinated product development and upstream-downstream collaboration of SMEs located in different regions; policy measures supporting the selected types of pilots and oriented to the industries that will be finally in focus.

The name of the event is proposed to be "strengthening the transnational BSR dimension: accessing value chains in the BSR, reinforcing & diversifying the innovation potential of regions".

APPROACH: IIE takes place during two days. During the first day the context of the VS pilots is set with contributions by the selected speakers and discussion on the prioritised value chains, dominant and emerging trends, key parameters to consider, market - based priorities, etc. During the second day, there are organised team-based discussions around the value chain themes. At the end of the event, VS partners and their stakeholders have clearer agendas concerning the focus of the forthcoming EDP sessions and the types of pilots to pursue. An insights report with recommendations is produced to support regions. It is crucial that the insights report is produced within about a week after the end of the event, as it forms part of the evidence base for orienting the forthcoming EDP sessions.

IIE s a hybrid event, organised in an easily accessible location of the BSR, to facilitate maximum physical participation of partners and external experts. It brings together partner regions, their stakeholders who are confirmed EDP forthcoming sessions' members, value chain experts and large businesses as supply chain drivers, SMEs, regional authorities, research, innovation and science, synergistic initiatives such as S3 partnerships, and, possibly, BSR, EC and MA representatives. The meeting participants will be provided with carefully prepared background data to support decisions, and they will be asked to prepare for specific questions before the event.

ISSUES IN FOCUS: the industrial domains of the VS Value chain mapping, identification of regional competitive advantage, and confirmation of value chain focus [(regional priorities; competitive advantage main challenges for regional businesses in the value chain field; regional expertise in relevant technologies and VC segments); focusing on concrete value chain segments.]

2,772 / 3,000 characters

5.6.5 This group of activities leads to the development of an output

O 1.2

Title of the output

Planning & implementing the Interregional Initiatory event.

59 / 100 characters

Description of the output

1 comprehensive report documenting the event & resulting action recommendations. As a process, O1.2 is part of the solution aimed at by VS, since it contributes to start addressing VC integration and transnational networking for that purpose. To reach this result and the respective final output, the following sub activities with corresponding documentation / deliverables are foreseen:

4 Planning sessions (online) to define and organise the implementation of the interregional initiatory event, TGT, CDT, and PP7. Materials generated include: purpose, type and structure of event, branding, engaging of experts, ensuring stakeholder rôle and participation, premises and catering, Invitations, Marketing, the online logistics of the event, reporting and publications provisions; ensuring competent report facilitating event secretariat.

2 rounds of RSG meetings (2/per region), one before the event and one after to engage stakeholders and to diffuse results and recommendation and inform of the next steps.

1 Hybrid event implemented (the interregional initiatory event is planned too be face to face with online access options as well)

1 Project report liaising the event findings with the forthcoming pilots' business plans

1,238 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>SMEs participate in the RSGs and also in the event. They are expected to be among the key beneficiaries of this event. Through roundtable and brokerage sessions, they become aware of the market - based requirements for their products, and thus they cover one more step towards participation in pilots.</p> <p style="text-align: right;">301 / 1,000 characters</p>
<p>Target group 2</p> <p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p>	<p>Large enterprises participate and contribute to the event, and through their catalytic role as production. or distribution drivers, they outline the product expectations. This input is important for production SMEs as well as research institutes with research seeking commercialisation.</p> <p>Large enterprise representatives. contribute also as experts in certain products, sharing their experience and educated opinions. The contribution of large enterprises and their competence, is a precondition for the success of the solution gradually cosntructed and finally transferred in the VS project.</p> <p>Finally, large enterprises, from across the BSR might also act as upstream contractors for SMEs and co-develop products with research units.</p> <p style="text-align: right;">738 / 1,000 characters</p>
<p>Target group 3</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>HEIRs, innovation intermediaries and regional authorities are participating in the event in various rôles: is co-planners and co_organisers through the TGT and the CDT, as participants and contributors, as potential beneficiaries (HEIRs), and as the RSG coordinators, ensuring further dissemination of the results of the interregional initiatory event in their regions.</p> <p>All three target groups co-author the conclusions and recommendations from the event.</p> <p style="text-align: right;">456 / 1,000 characters</p>
<p>Target group 4</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>As described above.</p> <p style="text-align: right;">19 / 1,000 characters</p>
<p>Target group 5</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>As described above.</p> <p style="text-align: right;">19 / 1,000 characters</p>

Durability of the output

The interregional initiatory event is the base for establishing relevance (relevance to VCs as well as to regions) of pilots and selecting them. These conclusions are taken up by A 1.3 to formulate the business plans, implemented in A 2.1, modelled in A 2.2 and transferred in A 3.1. The quality of the findings and recommendations achieved during and through the interregional initiatory event are crucial for the success of the project as a whole. Therefore, we feel that the durability of the output extends to the whole project life.

539 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4 5 6

WP.1: WP1 Preparing solutions

A.1.2: Interregional initiatory event (IIE): matching the demand & supply contexts.

O.1.2: Planning & implementing the Interregional Initiatory event.

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

Engaging the regional and transnational base for VC integration; modelling of the solution Part 1

98 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE

The objective of A 1.3 is to propose a process addressing the challenge of defining transnational pilots with clarified VC integration options. Activity A 1.3 depends on four, interconnected steps: organisation of the first round of RSG meetings --> EDP sessions --> selection of pilots for themes 1 & 2 --> business plans for the implementation of the transnational pilots.

This is achieved by activating the RSG in all partner regions and reach, in the context of WP1 preparatory activities, the types of pilots that will be jointly developed and tested and the associated business plans for the pilots implementation. By following a bottom up, transnational approach, to (i) reveal new development options & paths AND to provide the tools (regional and transnational inputs and outlets) for accessing these new opportunities; (ii) reinforce understanding of natural resources potential, (iii) identify the types of pilots to be implemented, and (iv) formulate the required business plans for the pilots. A 1.3 is the operational base for testing, modelling and transferring solutions in VS project.

APPROACH

RSG SESSIONS 1 per region, to introduce the VS project issues and the forthcoming initiatory event and expectations. All regions organise one RSG session based on a jointly agreed agenda.

EDP SESSIONS 1 EDP session per region. EDP sessions are understood here as one type of RSG meetings; based on the results and findings of the initiatory event (Activity A 1.2) leading to selection of pilots for themes 1 & 2. The EDP sessions are transnational, i.e. with the participation of experts across the partnership, depending on the thematic areas; outline of the pilots. Priority topics and actions for future co-operation or investment (pilots: innovative products (new to the company and /or new to market) and research inputs to reach new product development); matchmaking and development of ideas for joint investments. Plans for accessing supplier networks and improving distribution options. EDP reports.

PILOT ACTIONS AGREED Agreement on pilot actions at regional level.

PILOT ACTIONS BUSINESS PLANS. Theme 1 & 2 pilots business plans include (i) target market /VC; (ii) product assessment, scaling up needed expertise, skills and in some cases also capital investments; the plan includes sustainability assessment, performance criteria, and characteristics of product consumer markets; development actions and cost plan is the output.

Theme 3 business plan is based on the policy implications of the Theme 1 & 2 pilots. Four critical issues: (i) identification of interregional complementarities related to VC options and RIS3 natural-resource industries; (ii) reinforced learning of the potential of the prioritised natural resources; (iii) how transnational inputs open up new, exploitable diversification options; (iv) integrating an interregional dimension to the EDP approach (Theme 3) / inputs to a transferable model.

2,973 / 3,000 characters

5.6.5 This group of activities leads to the development of an output



O 1.3

Title of the output

1 report modelling the process defining transnational pilots & VC integration.Part1 of the solution.

100 / 100 characters

Description of the output

1 report modelling the process for defining transnational pilots & VC integration. To achieve this output a number of sub activities with corresponding deliverables are required, as follows:

- 1 Agenda for 5 RSG meetings; 5
- 5 EDP sessions with corresponding reports
- 5 transnational pilots are selected (online meeting) confirmed by all regions; themes 1 & 2. 1 transnational pilot dealing with policy instrument improvement is agreed; theme 3.
- 6 transnational business plans
- 1 assessment report of the A 1.3 process, leading to modelling conclusions

555 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>SMEs participate in this activity as regional stakeholders in the RSG and EDP meetings, and the eventual beneficiaries of the pilots.</p>
<p>Target group 2</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>The TGT in collaboration with PP4 are co-authoring the output. HEIRs, innovation infrastructures (business support organisations) and regional authorities participate and contribute either through the TGT or as individual contributors. This is the same for targeted groups 2, 3 and 4.</p>
<p>Target group 3</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>The TGT in collaboration with PP4 are co-authoring the output. HEIRs, innovation infrastructures (business support organisations) and regional authorities participate and contribute either through the TGT or as individual contributors. This is the same for targeted groups 2, 3 and 4.</p>
<p>Target group 4</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>The TGT in collaboration with PP4 are co-authoring the output. HEIRs, innovation infrastructures (business support organisations) and regional authorities participate and contribute either through the TGT or as individual contributors. This is the same for targeted groups 2, 3 and 4.</p> <p>In additional regional authorities organise the RSG and EDP meetings, in collaboration with HEIRs and innovation intermediaries (business support organisations).</p>

133 / 1,000 characters

285 / 1,000 characters

284 / 1,000 characters

449 / 1,000 characters

Durability of the output

The A 1.3 output is the operational tool for implementing the pilots in A 2.2. The validity of the approach is expected to last till, at least the evaluation of the pilots and their overall business plans, nominally till the end of the 5th semester or middle of the sixth semester.

281 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4 5 6

WP.1: WP1 Preparing solutions

A.1.3: Engaging the regional and transnational base for VC integration; modelling of the solution Part 1
 O.1.3: 1 report modelling the process defining transnational pilots & VC integration.Part1 of the solution.



5.6.7 This deliverable/output contains productive or infrastructure investment

Work package 2

5.1 WP2 Piloting and evaluating solutions

5.2 Aim of the work package

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

5.3 Work package leader

Work package leader 1

PP 3 - Regional Council of Kainuu

Work package leader 2

PP 7 - Foundation of Innovative Initiatives

5.4 Work package budget

Work package budget

35%

5.4.1 Number of pilots

Number of pilots

6

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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p> <p>268 / 500 characters</p>	<p>SMEs participate in Theme 1 and/or 2 pilot actions. They have been mobilised during WP1 and through the EDP sessions it has been possible to ensure absorptive capacity for specific types of innovations. SMEs participate in RSG meetings. They are also prepared to be interviewed once the pilot is completed and express their opinion of what worked, what did not work, what was difficult, what could be done better. In this way they also contribute to the conceptualisation and potential transfer of solutions.</p> <p>509 / 1,000 characters</p>
2	<p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p> <p>371 / 500 characters</p>	<p>Large enterprises have an advisory rôle in the pilot actions, related to the final products and their improved status, and therefore also their saleability and value chain integration, as final or as intermediate goods respectively. They participate in sessions of the conceptualisation of solutions with their own experience and recommendations.</p> <p>348 / 1,000 characters</p>

	Target group	How do you plan to reach out to and engage the target group?
3	<p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p> <p style="text-align: right;"><small>366 / 500 characters</small></p>	<p>HEIRs together with the innovation intermediaries, are orchestrating the pilots in Themes 1 and 2, and possibly (HEIR) also commercialising their research (Theme 2 pilots). They are also facilitating access to research and services for the SMEs that are participating in the pilots (and in this case state aid regulations are followed). HEIRs & innovation intermediaries, contribute to the Theme 3 pilot (improvement of policy impact); they co-plan and participate in the evaluation of the pilots; co-author together with the regional authorities the 'solutions report'; they are participating in and facilitating regional stakeholder group meetings and interregional meetings.</p> <p style="text-align: right;"><small>677 / 1,000 characters</small></p>
4	<p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p> <p style="text-align: right;"><small>75 / 500 characters</small></p>	<p>Innovation intermediaries together with HEIRs are orchestrating the pilots in Themes 1 and 2. They are also facilitating access to research and services for the SMEs that are participating in the pilots (and in this case state aid regulations are followed). HEIRs & innovation intermediaries, contribute to the Theme 3 pilot (improvement of policy impact); they co-plan and participate in the evaluation of the pilots; they co-author together with the regional authorities the 'solutions report'; they are participating in and facilitating regional stakeholder group meetings and interregional meetings.</p> <p style="text-align: right;"><small>602 / 1,000 characters</small></p>
5	<p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p> <p style="text-align: right;"><small>177 / 500 characters</small></p>	<p>Regional public authorities [RPA] are responsible for activating and orchestrating the RSG meetings in the regions focusing on the implementation of the pilots. They are implementing the theme 3 pilot, on the improvement of the policy instrument. They co-plan and participate in the evaluation of the pilots; they co-plan and co-write the 'solutions report', which is the base for the transfer activities in WP3.</p> <p>RPA's are crucial for aligning the pilots with the RIS3 industries and prioritised production lines. For example, in Kainuu, an innovative action line has been identified in the context of forest industry side streams, lignin. Lignin contains functional ingredients for the construction and the anti-ageing cosmetics industries. This potential, which is also already aligned with the Kainuu RIS3, will be key for selecting pilots, as it ensures greater resonance for the region.</p> <p style="text-align: right;"><small>892 / 1,000 characters</small></p>

5.6 Activities, deliverables, outputs and timeline

No.	Name
2.1	Implementation of the pilots, Part 2 of the solution
2.2	Knowledge management, transfer of solutions material

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

52 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE

The objective of A 2.1 is to implement the business plans formulated and approved under A 1.3. It contributes to demonstrating how integration into competitive VCs is possible to all / any BSR regions, and what tools are suitable for helping such efforts. Activity A 2.1 tests demand-led, joint development initiatives, as defined by the business plans formulated in A 1.3. In doing so, we get information also as to what types of development initiatives are those benefitting the most from joint-development arrangements, to which segments of value chains they correspond, and therefore, which types should also be prioritised in regional policy measures. In the EU there is considerable encouragement towards joint initiatives. In A2.1 we explore further this approach, through the experience of 5+1 case studies (i.e. the pilots) of the types (e.g. transfer of knowledge / market focus/ transfer of technology/ commercialisation of research /, domains and value chain segments, and associated policy improvements. A 2.1, as complemented by A 2.2, build the evidence -base and guidance needed for making transnational initiatives and joint development options operationalised references for development actions. In this sense they are relevant not only to the BSR, but to any environment that looks forward to trans-regional productive collaboration schemes. A 2.1 objective is consolidated by the final output of 1 report with 6 case studies.

APPROACH

There are foreseen 6 pilots:

- Pilots 1 to 5 build on functional ingredients of natural resources and their sidestreams including valorisation of green and bluebiomass ingredients. The types of VCs identified with the partners during the preparation of the VS proposal include plant-based proteins with improved taste, applications of lignin (forest industry side stream) relevant for several industries including anti ageing cosmetics (such applications are still developing and offer considerable potential for joint development); technologies for extraction of bioactive compounds of plants; fractionisation technologies; missing access to bio-refineries; unknown value of chemical components of different biomass; etc. Pilot actions may lead to product improvement or steps taken to increase TRL and commercialise research across the BSR.
- Pilot 6: Policy instrument improvement based on the approach, process, and experiences from. Structural Funds (SF) Managing Authorities (MAs) & Intermediate Bodies (IBs) will support regional value chain-based development, by adopting project criteria (i) value-chain based forecast inputs optimise product development orientation & distribution plans; (ii) scaling up products related to forecasts; (iii) commercialisation of research across the BSR; (iv) maximising VC integration potential; (v) engaging in transnational coordinated activities.

Business plans are implemented, monitored, ensures RSG interactions and experiences capitalised in the theme 3 pilot.

2,999 / 3,000 characters

5.6.5 This group of activities leads to the development of an output

O 2.1

Title of the output

85 / 100 characters

Description of the output

6 pilots clearly defined including the regional, national (if any) and transnational partners.
 1 RSG for the strat of the pilots
 2 TGT monitoring meetings per semester (sem 3,4,5, and 6) online & back to back with the respective ISC:s
 6 case studies templates
 6 case studies are formulated (sem 5 & 6)
 Structure, drafting and finalising of the comprehensive report (sem 3-4-5-6)
 4 CDT meetings promoting the progress and on-going progress of the pilots; news briefs and brief interviews with the pilots' contributors. CDT meetings are organised back to back with ISC meetings.

583 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>SMEs are beneficiaries of the pilots. Selected SMEs participate and benefit for improving/ scaling up their products.</p> <p style="text-align: right;">117 / 1,000 characters</p>
<p>Target group 2</p> <p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p>	<p>Large businesses participate in interregional meetings and reflect on the progress of the pilots. In the case that collaborations between sees, HEIRs and large businesses have also emerged, then they also belong to the group of beneficiaries.</p> <p style="text-align: right;">244 / 1,000 characters</p>
<p>Target group 3</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>HEIRs are instrumental in ensuring the good and effective implementation of the pilots as well as trouble shooting and participating in coordination and transnational governance groups. Moreover, through the commercialisation options and the research services probably also coming from our HEIR partners, this target group is also a beneficiary of the pilot actions.</p> <p style="text-align: right;">367 / 1,000 characters</p>
<p>Target group 4</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>Business support organisations (innovation infrastructures) are instrumental in ensuring the good and effective implementation of the pilots as well as trouble shooting and participating in coordination and transnational governance groups.</p> <p style="text-align: right;">239 / 1,000 characters</p>
<p>Target group 5</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>Pilot theme 3 regards regional authorities directly. This group also interacts with the other pilots and members are part of the TGT.</p> <p style="text-align: right;">133 / 1,000 characters</p>

Durability of the output

The durability of this output has two dimensions: the pilots implemented and the report with the 6 case studies, i.e. account of the 6 pilots implemented. The durability of both is sustainable, well beyond the end of the project. In fact, the argument for transfer of solutions (A 2.2 and A 3.1) is founded on the durability of both dimensions of the implemented pilots.

371 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4 5 6

WP.2: WP2 Piloting and evaluating solutions

A.2.1: Implementation of the pilots, Part 2 of the solution

O.2.1: Comprehensive report with 6 case studies, detailing the implementation of the pilots.

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

Knowledge management, transfer of solutions material

52 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE The objective is, starting from the experiences & interactions generated through A 2.1 together with the output (comprehensive report with 6 case studies) to evaluate the pilots and screen the most valuable lessons learnt and experiences and formulate a coherent and synergistic transfer of experiences model (transfer of solutions report), that will be implemented in WP 3 (A 3.1). The transfer of solutions report is explicitly addressing the two VS key questions: (i) how to organise product diversification to effectively respond to market and innovation driven demand, and benefit from transnational potential including VC integration and (ii) how to improve regional policies to integrate economy renewal solutions on the base of the answers given to item (i). In this way, the VS project is also completing the purpose for which it was set up in the first place. The output of A 2.2 is the 'transfer of solution' package. It will be first diffused during semester 6 back-to-back with the 6th ISG and then further in the regions through RSG meetings and / or meetings with national authorities and Structural Funds policy planning groups. The 'transfer of solutions' package will be presented and discussed during the closing conference, too. All five target groups listed in the VS proposal are targets of the 'transfer of solution package' and, hopefully, to BSR and EC events.

APPROACH To reach effectively the target groups and ensure its effectiveness, the transfer of solution package is planned to consist of the following sections:
 (i) **INTRODUCTION** to the issues addressed by the VS project and why they are important and relevant; linkages to EU policies and relevance within the wider context of European exchanges and BSR integration; good practices resulting from the pilots; access to the case studies in annex.
 (ii) **TARGETED INFORMATION SECTIONS (II.1)** a general communication and dissemination package summarising results and challenges and good practices identified; (ii.2) a section addressed to businesses of all types indicating the benefits of the project and the types of activities that maximised this benefit; (ii.3) a section dedicated to HEIRs and innovation intermediaries discussing best ways to maintain and beneficially reinforce transnational collaboration, and (ii.4) a section dedicated to regional policy makers and their experience of joint policy instrument improvement and results; insights into future activities.
 (iii) **TRAINING material:** a 'how to' section that would facilitate the replication of the approach by other regions and contexts.
 (iv) **CASE STUDIES** in annex **KEY ISSUES** Valid insights based on data collected from the pilots implementation and realistic transfer of experiences approach, to maximise the impact potential of VS findings across the partnership, the BSR and beyond.

The structure of the 'transfer of solution' package will be validated and maybe revised / reinforced at the start of A 2.2.

2,975 / 3,000 characters

5.6.5 This group of activities leads to the development of an output

O 2.2

Title of the output

'Transfer of solution package', completes Part 2 of the solution.

66 / 100 characters

Description of the output

Data, observations, and good practises identified from pilots include:
 2RSG meetings per region = 10 RSG discussing pilots.
 1 TSG & CDT meeting back to back with the 5th ISG to (i) assess further the 6 case studies report that resulted from A 2.1; (ii) agree the structure of the 'transfer of solution' package.
 3 online TSG & CDT meetings assessing the progress of the 'transfer of solution' package.
 1 final 'transfer of solution' package, including all required dissemination material.
 1 Publication (30 hard copies) of the transfer of solution, and the same material uploaded to the project web site and to the partners' web sites.

Transfer of solution package include recognised prerequisites for succesful implementation of solution, good practices identified from pilots, recommended roles and tasks for stakeholders, evaluation costs of and required resources for actions and summary of results obtained by these solutions in pilots.

944 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>They have learnt how to utilize new technologies, how to contact and obtain expertise from research institutes even transnationally, and how in collaboration with public authorities and business support organisations to search and apply the best resources for product development, technology investments and where to search relevant members in value chains to get their products to international markets. All participating companies do not learn and apply all this, but parts relevant to their situation.</p> <p>They are also benefitting in their regional funding calls from the calls targeted to match better with their interests and needs, and wee they are able to refer better in project planning and proposals to a wider contexts and policies, adjust their work accordingly and search joint initiatives and projects.</p> <p style="text-align: right;">815 / 1,000 characters</p>
<p>Target group 2</p> <p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p>	<p>They know from which regions to obtain new products and intermeadiate products, or processes raw material, and how regional business support organisations can help them to contact regional companies or R&D experts. They know also volumes of various value chains and can benefot also transnational networks generated during the project.</p> <p style="text-align: right;">335 / 1,000 characters</p>
<p>Target group 3</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>They know better needs and potential of regional SMEs, know also companies transnationally and can offer services also to them. They learn to know research institutes abroad and can apply further European projects with them and companies. They have networked also with large companies which can offer opportunities to apply project where complete ecosystem or value chains.</p> <p style="text-align: right;">331 / 1,000 characters</p>
<p>Target group 4</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>They will be networked for interregional collaboration with regions having at least partially similar interest as they have. They will get insights and guidelines how they could support development of natural products business with their tools and funding instruments, and which actions could be useful and effective to be funded.</p> <p style="text-align: right;">331 / 1,000 characters</p>
<p>Target group 5</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>They learnto know value chains and supply chains of the natural product and natural ingredients field. They learn about needs of the companies, and become networked with experts that they can use also later in regional actions to support regional companies.</p> <p style="text-align: right;">257 / 1,000 characters</p>

Durability of the output

Projects partners are very established organisations and institutes. They will continue their work in the regions also after the project and can benefit from new knowledge, expertise and networks gained in the project. The model of using multidisciplinary and multiexpertise collaboration to boost R&D of the companies in joint projects or pilots can be straightforwardly transferred or repeated in forthcoming years. When the same model is used, also IPR and confidentiality issues are already thought and good practices are created for them. At the end, the durability of the output is decided by the companies, how useful they do regard the output or model? Based on similar collaboration of several companies in joint projects implemented by the PP1 of the project regionally already more than 10 years, we believe that the companies will find the solution useful and want to support its replication and repetition - funding sources can change and model will become more company funded gradually.

999 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4 5 6

WP.2: WP2 Piloting and evaluating solutions

A.2.2: Knowledge management, transfer of solutions material

O.2.2: 'Transfer of solution package', completes Part 2 of the solution.



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

Work package leader 2

5.4 Work package budget

Work package budget

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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p> <p style="text-align: right;">268 / 500 characters</p>	<p>In order to implementation of the tasks under WP3 the SMEs with which the cooperation was set up in the WP1 during RSG meetings as well as (in WP2) those ones which participate in pilot actions (theme 1 and/or2) will be first target group. In order to bring together a larger group of companies for the broader transfer of solution it is planned to contact chambers of commerce, cluster organizations in the project's regions and beyond.</p> <p style="text-align: right;">438 / 1,000 characters</p>
2	<p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p> <p style="text-align: right;">371 / 500 characters</p>	<p>It is planned that large companies will be also involved in the transferring solutions process as one of the most important links in the supply chain. The cooperation under WP3 will be set up with those which will be acting in the project as associated partners.</p> <p style="text-align: right;">263 / 1,000 characters</p>
3	<p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p> <p style="text-align: right;">366 / 500 characters</p>	<p>At the first stage the cooperation with partner's organization will be continue as they are involved in pilots (mainly Theme 1,2) and are the members of RSG. Through their internal information channels with other universities and research institutions the communication and dissemination plan will be implemented as well as the elaborated solutions will be assessed and tested.</p> <p style="text-align: right;">380 / 1,000 characters</p>
4	<p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p> <p style="text-align: right;">75 / 500 characters</p>	<p>Business support organization will play important role in WP3 based on the scale of involvement in other WPs and direct access to different types of stakeholders this kind of organization used to cooperate with. BSP acting as a project partners will find this counterparts and disseminate the project solution among them. It can be combined with cooperation with chambers of commerce, clusters.</p> <p style="text-align: right;">394 / 1,000 characters</p>
5	<p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p> <p style="text-align: right;">177 / 500 characters</p>	<p>Regional public authorities will ensure the stability of the implementation of project solutions and, for example, through cooperation with the partner regions in UE, they will have a significant impact on communication activities.</p> <p style="text-align: right;">232 / 1,000 characters</p>

5.6 Activities, deliverables, outputs and timeline

No.	Name
3.1	Transfer of solutions
3.2	Communication and dissemination
3.3	Closing conference

WP 3 Group of activities 3.1

5.6.1 Group of activities leader

Group of activities leader

A 3.1

5.6.2 Title of the group of activities

Transfer of solutions

21 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE
 The purpose of Activity 3.1 is to transfer to the partner regions and to the relevant transnational community the solutions that have been organised, tested and modelled in WP1 and WP2.

APPROACH
 We remind of the steps that have been tested, evaluated and conceptualised in WP 1 and 2: 1.- matching demand and supply contexts and positioning joint development potential [A1.2]--> 2.-EDP sessions, agreement on the joint development pilots; business plans of the pilots [A 1.3] --> implementation of the business plans [A2.1]---> monitoring, evaluation, case studies description, modelling, and creation of the 'transfer of solution package' [A 2.2], including the case studies of the pilots and the way they were implemented and the lessons learnt --> transfer of solution sessions [A3.1].

The 'transfer of solution' activities are organised into four parts: (i) during an interregional event, back-to-back with a scheduled ISC. Partners' stakeholders participate in the event, (ii) through RSG meetings, 1 meeting per region, (iii) as part of the closing conference and (iv) through contributions to external (national, and European) events.

The transfer activities (i) and (ii) have the same format: presentation of case studies, involvement of those who participated in the discussion to express own opinions physically or online, and open discussion with the audience. Item (iii) activities relate to national and EU - wide events, with relevant issues, identified by the VS partners. For example, through the BERRY+ S3 partnership and linkages to DG Grow, transfer of solutions can be also to the EC and other S3 partnerships. Because the theme dealt with by VS, is very relevant to any S3 partnership.

KEY ISSUES
 To transfer solutions answer the two questions posed by the VS project, and discuss concrete ways of extending solutions also to more industries.

1,887 / 3,000 characters

5.6.5 This group of activities leads to the development of an output

O 3.1

Title of the output

Documentation of the transfer of solutions activities and results

65 / 100 characters

Description of the output

1 comprehensive report documenting the transfer of solutions activities and their results. Sub-activities with corresponding deliverables include:
 1 corpus of dissemination material, including news briefs and explanatory information, uploaded to the project web sites
 1 interregional meeting (back to back with the ISG)
 5 RSG meetings / or regional boards transfer sessions.
 4 Contributions to interregional and /or European-wide events.

444 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>The transfer activities are meant to inspire and educate SMEs, large enterprises, HEIRs, business support organisations (innovation infrastructures) and regional authorities of the potential for product scaling up and VC integration within the BSR and beyond.</p> <p style="text-align: right;">259 / 1,000 characters</p>
<p>Target group 2</p> <p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p>	<p>as above</p> <p style="text-align: right;">8 / 1,000 characters</p>
<p>Target group 3</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>The transfer activities are meant to inspire and educate SMEs, large enterprises, HEIRs, business support organisations (innovation infrastructures) and regional authorities of the potential for product scaling up and VC integration within the BSR and beyond.</p> <p>As project partners, HEIRs, business support organisations (innovation infrastructures) and regional authorities, have co-planned and co-created the transfer of solution package and they are in a position to apply it to more industries, as well as update it even after the end of the project if relevant.</p> <p style="text-align: right;">566 / 1,000 characters</p>
<p>Target group 4</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>as above</p> <p style="text-align: right;">8 / 1,000 characters</p>
<p>Target group 5</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>as above</p> <p style="text-align: right;">8 / 1,000 characters</p>

Durability of the output

The results of the transfer of solution activities last beyond the project duration. The same is true of the 'transfer of solution' package. The material will be available through the project and partners' sites and in case extra actors are interested, then they can seek information from the contacts that will be mentioned in the package for at least 2 years after the project.

379 / 1,000 characters

5.6.6 Timeline

Period: 1 2 3 4 5 6

WP.3: WP3 Transferring solutions

A.3.1: Transfer of solutions

O.3.1: Documentation of the transfer of solutions activities and results



5.6.7 This deliverable/output contains productive or infrastructure investment



WP 3 Group of activities 3.2

5.6.1 Group of activities leader

Group of activities leader PP 8 - Center of Food and Fermentation Technologies

A 3.2

5.6.2 Title of the group of activities

Communication and dissemination

31 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE
 To effectively support the communication of the project progress and results to a wide community of citizens, decision-makers, businesses, scientists, and innovation intermediaries; to support the transfer of solutions activities within the VS partnership; to effectively contribute consolidating the project results.

APPROACH
 To explore a range of communication channels, to reach different audiences related or implied in the two key project questions and explore the issues deeper, pathing out also further development possibilities. A dedicated project communication and dissemination team is assigned to take care and coordinate A 3.2 & A 3.3. The communication and dissemination activities are planned as follows:

1. Project dissemination and communication strategy
2. Coordinated image and dissemination materials: project identity and branding (logos, banners, templates (presentations, text documents, factsheet, leaflet, screencasts and Videos)
3. Dissemination and communication channels (VS website, newsletters, twitter and LinkedIn accounts)
4. Press (VS communication team; partners' channels) 5
5. Dissemination activities (Networking activities: conferences, workshops, collaborations with other projects)
6. Spreading the knowledge to users (supporting the transfer of solutions activities)
7. Scientific publications (journal papers, conference papers, workshop papers)
8. Press releases

KEY ISSUES
 Communication; dissemination; awareness; support to knowledge management & transfer of solutions A 2.2, A 3.1) and capitalisation (A 3.3 exchanges with national, European and international networks) activities.

1,670 / 3,000 characters

5.6.5 This group of activities leads to the development of an output



O 3.2

Title of the output

VS communication and dissemination

34 / 100 characters

Description of the output

1 comprehensive report on the implementation and results of the closing conference.

1 Project communication team (CDT), described under A1.1

1 Communication and dissemination strategy

1 Branding of the project (logo, presentation, text document templates) 1 web site / web site location; option for interactions with the public are foreseen; linkages of the project web site to the partners' web sites.

1 corpus of project baseline dissemination material (factsheet, leaflet, banner), updated twice during the VS project.

At least 2 project updates presented in the project web site per semester (total 12) Project news briefs according to the progress of achieved project results and outputs; at least 12 news briefs during the project duration.

2 Participations with contributions in conferences organised by other projects 2 Articles (type of articles to be decided)

1 Closing conference (see section 3.3)

Support and documentation of the partners' communication and dissemination activities

Updates to the project web-site

1,035 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>They are receivers of information, and they can get involved -if relevant- in their business activities.</p> <p>104 / 1,000 characters</p>
<p>Target group 2</p> <p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p>	<p>They are receivers of information, and they can get involved -if relevant- in their business activities.</p> <p>104 / 1,000 characters</p>
<p>Target group 3</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>Target groups 3, 4 and 5 co-plan the dissemination activities as members of the project CDT, and ensure news briefs and updates to the project and partner organisations' web sites. They are actively engaged in making the project results and special insights known to the larger BSR and EU communities, as well as, to their respective professional affiliations and networks.</p> <p>373 / 1,000 characters</p>
<p>Target group 4</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>As above.</p> <p>9 / 1,000 characters</p>

Target groups	How will this target group apply the output in its daily work?
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Target group 5</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Regional public authority</div> <div style="border: 1px solid #ccc; padding: 5px;">Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</div>	<div style="border: 1px solid #ccc; padding: 5px; min-height: 100px;">As above.</div> <div style="text-align: right; font-size: small;">9 / 1,000 characters</div>

Durability of the output

Throughout the project duration.

32 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.2: Communication and dissemination						
O.3.2: VS communication and dissemination						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 3 Group of activities 3.3

5.6.1 Group of activities leader

Group of activities leader

A 3.3

5.6.2 Title of the group of activities

Closing conference

18 / 100 characters

5.6.3 Description of the group of activities

OBJECTIVE
 To present the results and outputs of the project to a wide audience within the BSR and the EU, consolidate the lessons learnt, reinforce synergies with other initiatives,

APPROACH
 The Closing Conference is organised to acknowledge the achievements of the project and to open up discussions to experts and partners who supported the implementation, as well as to the wider community. The closing conference is planned to give opportunities for comprehensive feedback of beneficiaries on the process of implementation, emphasising major outputs and outcomes of the activities, and concrete impact on the right holders.
 The closing conference is planned, organised and supported by the project Communication team (see A 3.2). Timeplan is set for the 6th semester of the project. Provisional structure of the closing conference:
 - Introduction
 - Presentation of project outputs and results
 - Contributions by experts & decision makers linking project results and outputs to the larger BSR and EU context
 - Round table where direct beneficiaries and the pilots' coordinators discuss experiences and welcome questions from the audience (Q&A session).
 - Plenary discussion, conclusions.
 At least part of the talks will be published also as videos in the internet.

KEY ISSUES
 The closing conference focuses on answering and discussing the two questions set by the VS project: (i) how to organise product diversification to effectively respond to market and innovation driven demand, and benefit from transnational potential and (ii) how to improve regional policies to integrate economy renewal solutions on the base of the answers given to item (i).

1,662 / 3,000 characters

5.6.5 This group of activities leads to the development of an output

O 3.3

Title of the output

Closing conference: planning, implementation and documentation

64 / 100 characters

Description of the output

1 comprehensive report on the implementation and results of the closing conference. Sub-activities and associated deliverables include:

- 1 closing conference plan
- 1 closing conference event
- 1 closing conference documentation material (presentations and discussion conclusions).

281 / 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>SMEs from all ValueStreams partner areas are included. These SMEs deal with processing of natural resources -with a focus on side-streams, destined to various consumer or intermediate goods, especially food industry, anti-ageing cosmetics, and plant-based proteins.</p>	<p>Participants in the closing conference and contributors to the round table and the Q&A session.</p> <p style="text-align: right;">95 / 1,000 characters</p>
<p>Target group 2</p> <p>Large enterprise</p> <p>Large enterprises are often multinationals (MLNs) BSR supply chain drivers in the fields where SMEs are active, i.e. especially in functional ingredients production, processing, and application for the food industry, anti-ageing cosmetics; development of plant based proteins product lines and diversification. Large enterprises will be involved as associated partners.</p>	<p>Participants. In case pilots include co-development with large enterprises, then they are also contributors to the round table and the Q&A session.</p> <p style="text-align: right;">147 / 1,000 characters</p>
<p>Target group 3</p> <p>Higher education and research institution</p> <p>ValueStreams is combining circular economy with innovative objectives for product scaling up and / product line diversification. Basic and applied research units in higher education and research institutions (HEIRs) in natural resources' & related side-streams functional ingredients and in plant-based proteins. HEIR:s can be both partners and associated partners.</p>	<p>They participate in the CDT with designated staff and helps co-plan, organise and disseminate the closing conference. Participants in the closing conference and contributors to the round table and the Q&A session.</p> <p>As active members of the RSG:s activities, they reinforce dissemination of the conference as well as among counterparts across the EU.</p> <p style="text-align: right;">352 / 1,000 characters</p>
<p>Target group 4</p> <p>Business support organisation</p> <p>This regards innovation infrastructures as business support organisations.</p>	<p>They participate in the CDT with designated staff and helps co-plan, organise and disseminate the closing conference. Participants in the closing conference and contributors to the round table and the Q&A session.</p> <p>As active members of the RSG:s activities, they reinforce dissemination of the conference as well as among counterparts across the EU.</p> <p style="text-align: right;">350 / 1,000 characters</p>
<p>Target group 5</p> <p>Regional public authority</p> <p>Regional public authorities (RPA) are responsible, inter alia, for the planning, implementation coordination, monitoring and improvement of regional innovation strategies (S3).</p>	<p>They participate in the CDT with designated staff and helps co-plan, organise and disseminate the closing conference. Participants in the closing conference and contributors to the round table and the Q&A session.</p> <p>They ensure dissemination of the closing conference also through the RSG meetings.</p> <p style="text-align: right;">299 / 1,000 characters</p>

Durability of the output

The event per se lasts for the time it takes to organise, implement and document, we have allocated 12 months to allow careful planning. The information material created for and through the event, will be publicly available after the end of the project through the partners' and the project's web sites.

303 / 1,000 characters

5.6.6 Timeline

	Period: 1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.3: Closing conference						
O.3.3: Closing conference: planning, implementation and documentation						

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	6	N/A	N/A			
		O.1.1: Transnational governance and regional participatory structures: structures and protocols	<p>Transnational governance ensures multisided and connected inputs regarding progress of the pilots, problem solving and corrective actions initiated as a.s. Transnational governance is also integrated into the policy instrument improvement provisions.</p> <p style="text-align: right; font-size: small;">249 / 1,000 characters</p>	RCR 104 - Solutions taken up or up-scaled by organisations	8	<p>Organisations within the project partnership are able to be direct beneficiaries (except for the business support organisations). They can also be stakeholders and then, they will benefit from the training (the transfer sessions) organ used at transnational and regional levels. Later on, after the end of the project all project partners as well as organisations beyond the partnership have access to the method we created (the transfer of solution package) and also to designated contacts among the partners for discussing implementation of the approach. Business support organisations (innovation intermediaries) can be then also beneficiaries as they could use further in their work and interactions with businesses this method,</p> <p style="text-align: right; font-size: small;">733 / 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).
RCO 116 – Jointly developed solutions	8	O.1.2: Planning & implementing the Interregional Initiatory event.	<p>The Interregional initiatory event [IIE] brings together demand (BSR & EU) & supply contexts (VS partner regions), discusses and sets the context for the pilot actions. The anticipated range of pilot actions includes (but does not exclude more options): adjusting products to demand (this might demand transfer of knowledge between regions); commercialising research in VS regions or even within the BSR; relocalising products within the VS partnership; complementing value chain segments through coordinated product development and upstream-downstream collaboration of SMEs located in different regions; policy measures supporting the selected types of pilots and oriented to the industries that will be finally in focus.</p> <p>This applies also to research results (by project HEIRs or also by HEIR outside the immediate partnership) and seeing. commercialisation opportunities.</p> <p style="text-align: right;">878 / 1,000 characters</p>
		O.1.3: 1 report modelling the process defining transnational pilots & VC integration.Part1 of the solution.	<p>This is the backbone for implementing the pilot actions and reaching case studies documentation.</p> <p style="text-align: right;">97 / 1,000 characters</p>
		O.2.1: Comprehensive report with 6 case studies, detailing the implementation of the pilots.	<p>This report is documenting the whole process from A1.1 throughout to A 2.1. builds Parts 1 and 2 of the solution.</p> <p style="text-align: right;">113 / 1,000 characters</p>
		O.2.2: 'Transfer of solution package', completes Part 2 of the solution.	<p>The transfer of solution package is the aim of this project, how SMEs & innovation systems from across the BSR can collaborate to achieve integration in competitive. BSR & EU value chains.</p> <p style="text-align: right;">189 / 1,000 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).
		O.3.1: Documentation of the transfer of solutions activities and results	<p>The 'transfer of solution' package together with the documentation and results of the transfer activities can guide any organisation for applying this method and benefitting from it.</p> <p style="text-align: right; font-size: small;">183 / 1,000 characters</p>
		O.3.2: VS communication and dissemination	<p>Communication and dissemination can amplify project results in other than partner regions - even without active transfer of solutions. They allow other public authorities in other regions also modify their activities according to solutions although they would not uptake the complete solution. They can also rouse interest to participating SMEs and their products. Due to communication, also valuable feedback and suggestions for further actions and improved actions can be received already during the planning and implementation of piloting. Dissemination and communication can also add interest to research services of participating HEIRs.</p> <p style="text-align: right; font-size: small;">641 / 1,000 characters</p>
		O.3.3: Closing conference: planning, implementation and documentation	<p>This is the last stage during the project for participants to network transnationally. Solutions and their effectivity will be presented to the audience, that learns about them, but also at the same about project partners and participating companies, which may bring more interest to their products and services. Closing conference may also results in new projects due to wide international networking and visibility. The final conference also may add to conclusions and recommendation due to discussions and comments given by audience. It is the first wider "peer-review" of ideas planned to be presented in the project final report.</p> <p style="text-align: right; font-size: small;">636 / 1,000 characters</p>

Output indicators		Result indicators		
Output indicator	Total target value in number	Result indicator	Total target value in number	Please describe what types of organisations are planned to actively participate in the project. Explain how this participation will increase their institutional capacity. These types of organisations should be in line with the target groups you have defined for your project.
RCO 87 - Organisations cooperating across borders	11	PSR 1 - Organisations with increased institutional capacity due to their participation in cooperation activities across borders		
			34	<p>Project partners and associated organisations</p> <p>Nine (9) partner organisations HEIRs, Business support organisations (innovation infrastructures), Regional policy makers: partners all share management, implementation, and coordination roles. In some cases, such pilot Theme 2 commercialisation of research and pilot theme 3 Policy instrument improvement, they can also be direct beneficiaries of the pilots.</p> <p style="text-align: right;">360 / 1,500 characters</p>
				<p>Other organisations</p> <p>Sixteen (16) organisations as direct project beneficiaries: 6 businesses, 3 more HEIRs and 7 national policy making authorities. SMEs as beneficiaries and stakeholders, i.e. contributing with their experiences to future initiatives and trouble shooting the present ones; Large enterprises; HEIs in the partner areas; regional and national policy makers.</p> <p>It is possible that more members of RSGs will raise finally the target number..</p> <p style="text-align: right;">435 / 1,500 characters</p>

7. Budget

7.0 Preparation costs

Preparation Costs

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

No

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

No. & role	Partner name	Partner status	CAT1 - Staff	CAT2 - Office & administration	CAT3 - Travel & accommodation
1 - LP	University of Oulu	Active 22/09/2022	261,144.00	39,171.60	39,171.60
2 - PP	University of Turku	Active 22/09/2022	172,692.00	25,903.80	25,903.80
3 - PP	Regional Council of Kainuu	Active 22/09/2022	84,000.00	12,600.00	12,600.00
4 - PP	Vidzeme Planning Region	Active 22/09/2022	154,800.00	23,220.00	23,220.00
5 - PP	Institute for Environmental Solutions	Active 22/09/2022	123,840.00	18,576.00	18,576.00
6 - PP	Malopolska Region	Active 22/09/2022	102,753.25	15,412.99	15,412.99
7 - PP	Foundation of Innovative Initiatives	Active 22/09/2022	154,129.87	23,119.48	23,119.48
8 - PP	Center of Food and Fermentation Technologies	Active 22/09/2022	174,580.00	26,187.00	26,187.00
9 - PP	Lithuanian Innovation Center	Active 22/09/2022	113,520.00	17,028.00	17,028.00
Total			1,341,459.12	201,218.87	201,218.87

No. & role	Partner name	CAT4 - External expertise & services	CAT5 - Equipment	Total partner budget
1 - LP	University of Oulu	41,500.00	12,000.00	392,987.20
2 - PP	University of Turku	5,500.00	9,100.00	239,099.60
3 - PP	Regional Council of Kainuu	48,400.00	1,900.00	159,500.00
4 - PP	Vidzeme Planning Region	52,800.00	1,500.00	255,540.00
5 - PP	Institute for Environmental Solutions	18,500.00	15,500.00	194,992.00
6 - PP	Malopolska Region	0.00	865.80	134,445.03
7 - PP	Foundation of Innovative Initiatives	30,303.03	1,082.25	231,754.11
8 - PP	Center of Food and Fermentation Technologies	11,000.00	11,000.00	248,954.00
9 - PP	Lithuanian Innovation Center	25,000.00	1,500.00	174,076.00
Total		233,003.03	54,448.05	2,031,347.94

7.1.1 External expertise and services

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
3. Reaional Council	National control	CAT4-PP3-F-0	First level control, 6 biannual reports <small>39 / 100 characters</small>	No	N/A	5,400.00
3. Reaional Council	Events/meetings	CAT4-PP3-A-0	RSG meetings involving also contributions by external experts; 1 interregional project meeting. <small>96 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1	12,000.00
3. Reaional Council	Specialist support	CAT4-PP3-E-0	Feasibility study for the policy instrument improvement of the Kainuu RIS3 <small>74 / 100 characters</small>	No	2.1	18,000.00
3. Reaional Council	Other	CAT4-PP3-G-0	RSG members' travels to interregional events <small>44 / 100 characters</small>	No	1.2 3.1 3.3	8,000.00
3. Reaional Council	Specialist support	CAT4-PP3-E-0	Legal advice to support public sector service procurements. <small>59 / 100 characters</small>	No	N/A	5,000.00
7. Foundation of Inn	Specialist support	CAT4-PP7-E-0	External expertise for defining the pilots <small>42 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2	6,493.51
7. Foundation of Inn	Other	CAT4-PP7-G-0	Experts travel costs for international meetings <small>47 / 100 characters</small>	No	1.2 3.1 3.3	4,329.00
1. Universitv of Oul	Specialist support	CAT4-PP1-E-0	Visiting experts for transf. of knowl., legal consultancy on IPR, valuechain specific market surveys <small>100 / 100 characters</small>	No	1.3 2.1 2.2	11,000.00
1. Universitv of Oul	IT	CAT4-PP1-B-0	Development & updates of web site <small>33 / 100 characters</small>	No	3.2	4,000.00
1. Universitv of Oul	Events/meetings	CAT4-PP1-A-1	Organising WP1 meetings, final conference, participation, also stakeholders travelling <small>86 / 100 characters</small>	No	1.1 1.3 3.3	16,500.00
Total						233,003.03

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
1. University of Oul	Communication	CAT4-PP1-C-1	Promotion, communication, publicity, promotional items <small>54 / 100 characters</small>	No	1.1 3.2 3.3	4,000.00
1. University of Oul	National control	CAT4-PP1-F-1	First level control for 6 biannual reports <small>42 / 100 characters</small>	No	N/A	6,000.00
8. Center of Food a	Communication	CAT4-PP8-C-1	Communication, promotion <small>24 / 100 characters</small>	No	1.1 3.2	3,000.00
8. Center of Food a	Specialist support	CAT4-PP8-E-1	Travel and accommodation for external experts, speakers, stakeholders <small>69 / 100 characters</small>	No	1.2 1.3 2.1 2.2 3.3	6,000.00
8. Center of Food a	Events/meetings	CAT4-PP8-A-1	Services related to organizing events <small>37 / 100 characters</small>	No	1.1 1.2 1.3 2.1 3.1	2,000.00
2. University of Turk	Events/meetings	CAT4-PP2-A-1	Services related to organizing meetings <small>39 / 100 characters</small>	No	1.1 1.3 2.1 2.2 3.1	1,000.00
2. University of Turk	Events/meetings	CAT4-PP2-A-1	Participation in events <small>23 / 100 characters</small>	No	1.2 2.1 3.1 3.3	500.00
2. University of Turk	Events/meetings	CAT4-PP2-A-1	Travels of external experts & stakeholders <small>42 / 100 characters</small>	No	1.2 1.3 3.3	4,000.00
7. Foundation of Inn	Events/meetings	CAT4-PP7-A-1	Large initiatory event organization <small>35 / 100 characters</small>	No	1.1 1.2	17,316.02
Total						233,003.03

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
7. Foundation of Inn	Specialist support	CAT4-PP7-E-2	Promotion materials - preparation and printing <small>46 / 100 characters</small>	No	3.1 3.2 3.3	2,164.50
9. Lithuanian Innova	Specialist support	CAT4-PP9-E-2	External expertise in bio-economy for RSG and EDP <small>50 / 100 characters</small>	No	1.1 1.2 1.3 3.1	10,000.00
9. Lithuanian Innova	Events/meetings	CAT4-PP9-A-2	7 RSG meetings; 1 interregional project meeting <small>47 / 100 characters</small>	No	1.1 1.2	7,500.00
9. Lithuanian Innova	Events/meetings	CAT4-PP9-A-2	Travels of external experts & stakeholders <small>42 / 100 characters</small>	No	1.2 1.3 3.1 3.3	6,000.00
9. Lithuanian Innova	National control	CAT4-PP9-F-2	First level control <small>19 / 100 characters</small>	No	N/A	1,500.00
5. Institute for Envir	Events/meetings	CAT4-PP5-A-2	Meetings, training events, participation fees <small>45 / 100 characters</small>	No	1.1 1.3 2.1 2.2 3.1	10,500.00
5. Institute for Envir	Specialist support	CAT4-PP5-E-2	Travelling of experts, stakeholders and speakers <small>48 / 100 characters</small>	No	1.3 2.1 3.1	6,000.00
5. Institute for Envir	Other	CAT4-PP5-G-2	Publication costs - open access publishing <small>42 / 100 characters</small>	No	3.2	2,000.00
4. Vidzeme Plannin	Specialist support	CAT4-PP4-E-2	Studies, traslations, travelling of experts & speakers <small>55 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.3	25,000.00
Total						233,003.03

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
4. Vidzeme Plannin	Events/meetings	CAT4-PP4-A-2	Meetings <small>8 / 100 characters</small>	No	1.1 1.3 2.1 2.2 3.1	12,000.00
4. Vidzeme Plannin	Communication	CAT4-PP4-C-3	Promotion, Communication, publicity, promotiona items <small>54 / 100 characters</small>	No	3.2	6,000.00
4. Vidzeme Plannin	Other	CAT4-PP4-G-3	Experts from The Latvian Food Bioeconomy Cluster (associate partner) for business plan development <small>98 / 100 characters</small>	No	1.3	9,800.00
Total						233,003.03

7.1.2 Equipment

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
6. Malpoolska Reci	IT hardware and soft	CAT5-PP6-B-0	laptop <small>6 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	865.80
3. Reacional Council	IT hardware and soft	CAT5-PP3-B-0	mobile & laptop <small>15 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3 N/A	1,900.00
Total						54,448.05

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
7. Foundation of Inn	IT hardware and soft	CAT5-PP7-B-0	Laptop <small>6 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	1,082.25
1. Universitv of Oul	Office equipment	CAT5-PP1-A-0	Smart phone <small>11 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	1,000.00
1. Universitv of Oul	IT hardware and soft	CAT5-PP1-B-0	Laptop computer & required software <small>35 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	2,000.00
1. Universitv of Oul	Other specific equip	CAT5-PP1-H-0	Consumables and chemicals for laboratory work <small>45 / 100 characters</small>	No	2.1	9,000.00
8. Center of Food a	Other specific equip	CAT5-PP8-H-0	Depreciaton of different pilot equipment (extruder, kettle etc). <small>65 / 100 characters</small>	No	2.1	8,000.00
8. Center of Food a	Other specific equip	CAT5-PP8-H-0	Consumables and chemicals for laboratory work <small>45 / 100 characters</small>	No	2.1	3,000.00
2. Universitv of Turk	Office equipment	CAT5-PP2-A-0	Smart phone <small>11 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	1,000.00
Total						54,448.05

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
2. Universitv of Turk	IT hardware and soft	CAT5-PP2-B-1	Laptop computer <small>15 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	600.00
2. Universitv of Turk	Other specific equip	CAT5-PP2-H-1	Consumables and chemicals for laboratory work <small>45 / 100 characters</small>	No	2.1	7,500.00
9. Lithuanian Innova	Office equipment	CAT5-PP9-A-1	Laptop computer <small>15 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	1,500.00
5. Institute for Envir	Office equipment	CAT5-PP5-A-1	Working place equipment in the office for the project staff <small>59 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	1,000.00
5. Institute for Envir	Office equipment	CAT5-PP5-A-1	1 laptop for the project staff <small>31 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	2,500.00
5. Institute for Envir	Other specific equip	CAT5-PP5-H-1	Different laboratory materials and chemicals for piloting activities <small>69 / 100 characters</small>	No	2.1	12,000.00
4. Vidzeme Plannin	IT hardware and soft	CAT5-PP4-B-1	Laptop computer <small>15 / 100 characters</small>	No	1.1 1.2 1.3 2.1 2.2 3.1 3.2 3.3	1,500.00
Total						54,448.05

7.1.3 Infrastructure and works

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
<input type="text" value="Please select"/>	<input type="text" value="Please select"/>	CAT6-PP--01	<input type="text"/>	<input type="text" value="Please select"/>		<input type="text" value="0.00"/>
						<small>0 / 100 characters</small>
Total						<input type="text" value="0.00"/>

7.2 Planned project budget per funding source & per partner

No. & role	Partner name	Partner status	Country	Funding source	Co-financing rate [in %]	Total [in EUR]	Programme co-financing [in EUR]	Own contribution [in EUR]	State aid instrument
1-LP	University of Oulu	Active 22/09/2022	FI	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="392,987.20"/>	<input type="text" value="314,389.76"/>	<input type="text" value="78,597.44"/>	For each partner, the State aid relevance and applied aid measure are defined in the State aid section
2-PP	University of Turku	Active 22/09/2022	FI	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="239,099.60"/>	<input type="text" value="191,279.68"/>	<input type="text" value="47,819.92"/>	
3-PP	Regional Council of Kainuu	Active 22/09/2022	FI	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="159,500.00"/>	<input type="text" value="127,600.00"/>	<input type="text" value="31,900.00"/>	
4-PP	Vidzeme Planning Region	Active 22/09/2022	LV	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="255,540.00"/>	<input type="text" value="204,432.00"/>	<input type="text" value="51,108.00"/>	
5-PP	Institute for Environmental Solutions	Active 22/09/2022	LV	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="194,992.00"/>	<input type="text" value="155,993.60"/>	<input type="text" value="38,998.40"/>	
6-PP	Malopolska Region	Active 22/09/2022	PL	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="134,445.03"/>	<input type="text" value="107,556.02"/>	<input type="text" value="26,889.01"/>	
7-PP	Foundation of Innovative Initiatives	Active 22/09/2022	PL	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="231,754.11"/>	<input type="text" value="185,403.28"/>	<input type="text" value="46,350.83"/>	
8-PP	Center of Food and Fermentation Technologies	Active 22/09/2022	EE	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="248,954.00"/>	<input type="text" value="199,163.20"/>	<input type="text" value="49,790.80"/>	
9-PP	Lithuanian Innovation Center	Active 22/09/2022	LT	ERDF	<input type="text" value="80.00 %"/>	<input type="text" value="174,076.00"/>	<input type="text" value="139,260.80"/>	<input type="text" value="34,815.20"/>	
Total ERDF						<input type="text" value="2,031,347.94"/>	<input type="text" value="1,625,078.34"/>	<input type="text" value="406,269.60"/>	
Total						<input type="text" value="2,031,347.94"/>	<input type="text" value="1,625,078.34"/>	<input type="text" value="406,269.60"/>	

7.3 Spending plan per reporting period

	EU partners (ERDF)		Total	
	Total	Programme co-financing	Total	Programme co-financing
Period 1	300,000.00	239,999.99	300,000.00	239,999.99
Period 2	380,000.00	304,000.00	380,000.00	304,000.00
Period 3	350,000.00	280,000.00	350,000.00	280,000.00
Period 4	370,000.00	296,000.00	370,000.00	296,000.00
Period 5	331,347.94	265,078.35	331,347.94	265,078.35
Period 6	300,000.00	240,000.00	300,000.00	240,000.00
Total	2,031,347.94	1,625,078.34	2,031,347.94	1,625,078.34