1. Identification

Call	Date of submission
C1	25/04/2022

1.1. Full name of the project

Digitalization for Clean water and Resilient forests

52 / 250 characters

1.2. Short name of the project

DigiForWater

12 / 20 characters

1.3. Programme priority

2. Water-smart societies

1.4. Programme objective

2.1 Sustainable waters

1.6. Project duration

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

1.7. Project summary

The water quality in streams and lakes needs to be improved as they suffer from eutrophication, mercury, suspended solids, and unnaturally brown color. Forestry impacts on water quality, e.g. by leaching of nutrients and suspended solids. In addition, heavy rainfalls are expected to be more frequent due to climate change in the future, which will increase this problem. Thus, there is a need to improve forest management to mitigate negative impact on water quality.

Authorities and forest companies need cost-efficient planning tools, such as detailed maps, to improve water quality. In many countries the traditional maps are not detailed enough for accurate planning of forest operations.

We will prepare, pilot and transfer:
1) Methods, which can be used to produce three types of detailed maps:
- Maps showing ditches and streams (ditch maps)
- Maps showing surficial deposits (soil maps)
- Maps showing wet areas, and taking weather forecasts into account (dynamic wet area maps)
2) Manuals for how to use these maps in forestry for improving the water quality, and for adapting forests to climate change.
In addition, we will produce inspiring videos showing good examples of forest management with focus on water quality and climate change.

By preparing the methods, we will help authorities and forest companies to start produce the maps.
In addition, the maps will be useful for other parts of society, for example in spatial planning and infrastructure.

1,470 / 1,500 characters

1.8. Summary of the partnership

The project partners represent authorities, drinking water suppliers, a forest owner association, a forest enterprise, and experts on digitalisation, water manangement and forestry, from Sweden, Finland, Estonia, Latvia, Lituania, and Poland.

The project partners bring the following competences:
- Expert knowledge on digitalisation, artficial intelligence, maps, and geology (mainly universities/institutes, and authorities)
- Water management (mainly Sydvatten, Riga Forests, authorities, and universities/institutes).
- Forest management (mainly institutes, Swedish Forest Agency, and Estonian Private Forest Union)
- Target group perspective on maps (mainly Riga Forests, Swedish Forest Agency, and Finnish Forest Centre)
- Experience and knowledge from many different countries in the Baltic Sea Region, which have different good examples for improved water quality and adaptation to climate change.

The following target groups are represented as project partners:
- Authorities
- Forest enterprises

National reference groups
In order to involve more representatives of our target groups from start of the project, we will establish national reference groups, including representatives of forest enterprises, forest owners, and authorities (water, forest, geology etc.). We have already started this process and have contacted many organizations during the application stage. Many of them are included as associated organizations, but we will include more organizations in the national reference groups, for example additional authorities and forest enterprises from Sweden. The national reference groups will be involved and give feedback during the project on maps and manuals, and also fascilitate transferring of the solutions.

1,740 / 3,000 characters

1.11. Project Budget Summary

Financial resources [in EUR]		Preparation costs	Planned project budget
ERDF	ERDF co-financing	0.00	1,761,088.00
	Own contribution ERDF	0.00	440,272.00
	ERDF budget	0.00	2,201,360.00
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	1,761,088.00
	Total own contribution	0.00	440,272.00
	Total budget	0.00	2,201,360.00

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	Swedish Forest Agency	Skogsstyrelsen	SE	National public authority	a)	354,000.00 €	Active	22/09/2022
2	PP	State limited Liability Company "Latvian Environment, Geology and Meteorology Centre"	Valsts SIA "Latvijas Vides, ģeoloģijas un meteoroloģijas centrs"	LV	National public authority	a)	147,500.00 €	Active	22/09/2022
3	PP	Natural Resources Institute Finland	Luonnonvarakeskus	FI	Higher education and research institution	a)	252,000.00 €	Active	22/09/2022
4	PP	Swedish University of Agricultural Science	Sveriges Lantbruksuniversitet (SLU)	SE	Higher education and research institution	a)	217,000.00 €	Active	22/09/2022
5	PP	Lithuanian Research Centre for Agriculture and Forestry (LAMMC)	Lietuvos agrarinių ir miškų mokslų centras (LAMMC)	LT	Higher education and research institution	a)	105,160.00 €	Active	22/09/2022
6	PP	Riga forests	SIA "Rīgas meži"	LV	Small and medium enterprise	a)	154,700.00 €	Active	22/09/2022
7	PP	Forest Research Institute	Instytut Badawczy Leśnictwa	PL	Higher education and research institution	a)	215,800.00 €	Active	22/09/2022
8	PP	Latvian State Forest Research Institute Silava	Latvijas Valsts mežzinātes institūts Silava	LV	Higher education and research institution	a)	201,600.00 €	Active	22/09/2022
9	PP	Finnish Forest Centre	Suomen metsäkeskus	FI	National public authority	a)	212,200.00 €	Active	22/09/2022
10	PP	Estonian Private Forest Union	Eesti Erametsaliit	EE	NGO	b)	47,500.00 €	Active	22/09/2022
11	PP	Geological Survey of Finland	Geologian tutkimuskeskus	FI	Higher education and research institution	a)	230,600.00 €	Active	22/09/2022
12	PP	Southern Sweden Water Supply	Sydvatten AB	SE	Infrastructure and public service provider	a)	63,300.00 €	Active	22/09/2022

2.1.2 Associated Organisations

No.	Organisation (English)	Organisation (Original)	Country	Type of Partner
AO 1	Forest Owners Association of Lithuania (FOAL)	Lietuvos miško savininkų asociacija (LMSA)	LT	NGO
AO 2	Ministry of Environment	Lietuvos Respublikos Aplinkos ministerija	LT	National public authority
AO 3	State Forest Enterprise VMU	Valstybinė miškų urėdija VMU	LT	Large enterprise
AO 4	Forest Stewardship Council (FSC)	FSC	LT	International governmental organisation
AO 5	Lithuanian Cartographic Society	Lietuvos kartografų draugija (LKD)	LT	NGO
AO 6	State Forest Management Centre	Riigimetsa Majandamise Keskus	EE	Large enterprise
AO 7	Finnish Environment Institute	Suomen ympäristökeskus (SYKE)	FI	Higher education and research institution
AO 8	Metsäteho Ltd.	Metsäteho Oy	FI	Business support organisation
AO 9	Daugavpils University	Daugavpils Universitāte	LV	Higher education and research institution
AO 10	Latvijas Finieris Mežs	Latvijas Finieris Mežs	LV	Small and medium enterprise
AO 11	Ingka Investments	Ingka Investments	LV	Small and medium enterprise
AO 12	Sodra Latvia	Sodra Latvia	LV	Small and medium enterprise
AO 13	University of Latvia	Latvijas Universitāte	LV	Higher education and research institution
AO 14	Fishermen's club "Saulkrasti"	Makšķernieku klubs "Saulkrasti"	LV	NGO
AO 15	State Forests	Państwowe Gospodarstwo Leśne Lasy Państwowe	PL	Large enterprise
AO 16	Latvian Forest Owners' Association	Latvijas Meža īpašnieku biedrība	LV	NGO
AO 17	Ministry of Agriculture and Forestry of Finland	Maa- ja metsätalousministeriö	FI	National public authority
AO 18	Tornator Plc	Tornator Oyj	FI	Large enterprise
AO 19	Latvian Rural Advisory and Training Centre	Latvijas Lauku konsultāciju un izglītības centrs	LV	Education/training centre and school
AO 20	The Central Union of Agricultural Producers and Forest Owners	Maa- ja metsätaloustuottajain keskusliitto - MTK	FI	Interest group
AO 21	Finnish Geospatial Research Institute (FGI)	Paikkatietokeskus (FGI)	FI	Higher education and research institution

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 Skogsstyrelsen

14 / 250 characters

Organisation in English Swedish Forest Agency

21 / 250 characters

Department in original language Göteborgs distrikt

18 / 250 characters

Department in English District Gothenburg

19 / 250 characters

Partner location and website:

Address	Bryggaregatan 19-21 (19 / 250 characters)	**Country**	Sweden
Postal Code	50338 (5 / 250 characters)	**NUTS1 code**	Södra Sverige
Town	Borås (5 / 250 characters)	**NUTS2 code**	Västsverige
Website	www.skogsstyrelsen.se/en (24 / 100 characters)	**NUTS3 code**	Västra Götalands län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	202100-5612
VAT Number Format	SE + 12 digits
VAT Number	N/A ☐ SE202100561201 (14 / 50 characters)
PIC	890278223 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	National public authority	Ministry, etc.
Sector (NACE)	02.40 - Support services to forestry	

Partner financial data:

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

Role of the partner organisation in this project:

The Swedish Forest Agency has three main roles in this project:
- Lead partner
- Target group (will use the project outputs)
- Activity leader A3.1

Addtional information:
The Swedish Forest Agency has long experience in leading Interreg projects, and other international projects.

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

419 / 1,000 characters

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

○ Yes ○ No

2.2 Project Partner Details - Partner 2

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

Partner name:

Organisation in original language	Valsts SIA "Latvijas Vides, ģeoloģijas un meteoroloģijas centrs" (64 / 250 characters)
Organisation in English	State limited Liability Company "Latvian Environment, Geology and Meteorology Centre" (85 / 250 characters)
Department in original language	Informācijas analīzes daļa (26 / 250 characters)
Department in English	Department of information analysis (34 / 250 characters)

Partner location and website:

Address	Maskavas iela 165 (17 / 250 characters)	**Country**	Latvia
Postal Code	LV-1019 (8 / 250 characters)	**NUTS1 code**	Latvija
Town	Rīga (4 / 250 characters)	**NUTS2 code**	Latvija
Website	www.videscentrs.lvgmc.lv (24 / 100 characters)	**NUTS3 code**	Rīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	50103237791
VAT Number Format	LV + 11 digits
VAT Number	**N/A** ☐ LV50103237791 (13 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	National public authority	Ministry, etc.
Sector (NACE)	74.90 - Other professional, scientific and technical activities n.e.c.	

Partner financial data:

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

Role of the partner organisation in this project:

Latvian Environment, Geology and Meteorology Centre has two main roles in this project:
- Target group (will use the project outputs)
- Provide expert knowledge within soil (geology), meteorology and water.

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

344 / 1,000 characters

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

○ Yes ○ No

2.2 Project Partner Details - Partner 3

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

Partner name:

Organisation in original language	Luonnonvarakeskus (17 / 250 characters)
Organisation in English	Natural Resources Institute Finland (35 / 250 characters)
Department in original language	Luonnonvarat (12 / 250 characters)
Department in English	Natural Resources (17 / 250 characters)

Partner location and website:

Address	Latokartanonkaari 9 (19 / 250 characters)	**Country**	Finland
Postal Code	00790 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Helsinki (8 / 250 characters)	**NUTS2 code**	Helsinki-Uusimaa
Website	www.luke.fi/en (14 / 100 characters)	**NUTS3 code**	Helsinki-Uusimaa

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	0244629-2
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI02446292 (10 / 50 characters)
PIC	934887262 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	72.19 - Other research and experimental development on natural sciences and engineering	

Partner financial data:

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

Role of the partner organisation in this project:

"Natural Resources Institute Finland" has two main roles in this project:
- Providing expert knowledge on forest management with focus on water quality and climate change, regarding Finland
- Activity leader (A1.3 and A2.2)

Additional information, they will for example:
- prepare dynamic wet maps for demo areas
- assist in preparing soil maps
- provide data for demo areas

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

513 / 1,000 characters

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

○ Yes ○ No

State aid relevance

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

○ Yes ○ No

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

LUKE is a non-profit governmental research institute and potential external expertise and services will be procured through the public procurement process.

155 / 3,000 characters

2.2 Project Partner Details - Partner 4

LP/PP Project Partner

Partner Status Active

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

Partner name:

Organisation in original language Sveriges Lantbruksuniversitet (SLU)

35 / 250 characters

Organisation in English Swedish University of Agricultural Science

42 / 250 characters

Department in original language Institutionen för Skogens Ekologi och Skötsel

45 / 250 characters

Department in English Department of Forest Ecology and Management

44 / 250 characters

Partner location and website:

Address Skogsmarksgränd 17

18 / 250 characters

Country Sweden

Postal Code	90736 (5 / 250 characters)	**NUTS1 code**	Norra Sverige
Town	Umeå (4 / 250 characters)	**NUTS2 code**	Övre Norrland
Website	https://www.slu.se/en/departments/forest-ecology-management/ (60 / 100 characters)	**NUTS3 code**	Västerbottens län

Partner ID:

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

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	02.40 - Support services to forestry	

Partner financial data:

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

Role of the partner organisation in this project:

"Swedish University of Agricultural Science" will have two main roles in this project:
- Provide expert knowledge on digitalization, artficial intelligence, and prepartion of methods for producing maps.
- Activity leader (A1.1)

Additional information: for example they will also contribute to the manuals for how to use the maps.

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

469 / 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 5

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

Partner name:

Organisation in original language	Lietuvos agrarinių ir miškų mokslų centras (LAMMC) (50 / 250 characters)
Organisation in English	Lithuanian Research Centre for Agriculture and Forestry (LAMMC) (63 / 250 characters)
Department in original language	Miškų Institutas (16 / 250 characters)
Department in English	Institute of forestry (21 / 250 characters)

Partner location and website:

Address	Instituto al. 1, Akademija (26 / 250 characters)	**Country**	Lithuania
Postal Code	LT-58344 (8 / 250 characters)	**NUTS1 code**	Lietuva
Town	Kėdainiai distr. (16 / 250 characters)	**NUTS2 code**	Vidurio ir vakarų Lietuvos regionas
Website	https://www.lammc.lt/en (23 / 100 characters)	**NUTS3 code**	Kauno apskritis

Partner ID:

Organisation ID type	Legal person's code (Juridinio asmens kodas)
Organisation ID	302471203
VAT Number Format	LT + 12 digits
VAT Number	**N/A** ☐ LT100005122310 (14 / 50 characters)
PIC	n/a (3 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	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?	No

Role of the partner organisation in this project:

LAMMC will have the following main roles in this project:
- Lead and coordinate the work in Lithuania by involving and engaging target groups in the national reference group
- Provide expert knowledge of good examples of forest management in Lithuania, with focus on improved water quality, and adaptation to climate change
- Prepare video about good examples of forest management
- Prepare the methods for producing maps regarding Lithuania
- Prepare the Lithuanian manual for how to use the maps

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

636 / 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 6

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

Partner name:

Organisation in original language	SIA "Rīgas meži" (16 / 250 characters)
Organisation in English	Riga forests (12 / 250 characters)
Department in original language	Meža apsaimniekošanas daļa (26 / 250 characters)
Department in English	Forest Management Division (26 / 250 characters)

Partner location and website:

Address	O. Vācieša 6, k-1 (17 / 250 characters)	**Country**	Latvia
Postal Code	LV1004 (6 / 250 characters)	**NUTS1 code**	Latvija
Town	Rīga (4 / 250 characters)	**NUTS2 code**	Latvija
Website	www.rigasmezi.lv (16 / 100 characters)	**NUTS3 code**	Rīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	40003982628
VAT Number Format	LV + 11 digits
VAT Number	N/A ☐ LV40003982628 (13 / 50 characters)
PIC	888390700 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	02.10 - Silviculture and other forestry activities	

Partner financial data:

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

Role of the partner organisation in this project:

"Riga Forests" has two main roles in this project:
- Target group (will use the outputs)
- Providing a forest owner perspective

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

265 / 1,000 characters

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

○ Yes ○ No

2.2 Project Partner Details - Partner 7

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

Partner name:

Organisation in original language	Instytut Badawczy Leśnictwa (27 / 250 characters)
Organisation in English	Forest Research Institute (25 / 250 characters)
Department in original language	Zakład Geomatyki (16 / 250 characters)
Department in English	Department of Geomatics (23 / 250 characters)

Partner location and website:

Address	Sękocin Stary, ul.Braci Leśnej 3 (32 / 250 characters)	**Country**	Poland
Postal Code	05-090 (6 / 250 characters)	**NUTS1 code**	Makroregion województwo mazowieckie
Town	Raszyn (6 / 250 characters)	**NUTS2 code**	Warszawski stołeczny
Website	www.ibles.pl/ (13 / 100 characters)	**NUTS3 code**	Warszawski zachodni

Partner ID:

Organisation ID type	Tax identification number (NIP)
Organisation ID	5250009200
VAT Number Format	PL + 10 digits
VAT Number	N/A ☐ PL5250009200 (12 / 50 characters)
PIC	998921715 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	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? No

Role of the partner organisation in this project:

"Forest Research Institute" will have the following main roles in this project:
- Lead and coordinate the work in Poland by involving and engaging target groups in the national reference group
- Provide expert knowledge of good examples of forest management in Poland, with focus on improved water quality, and adaptation to climate change
- Prepare video about good examples of forest management
- Prepare the methods for producing maps regarding Poland
- Prepare the Polish manual for how to use the maps

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

644 / 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 8

LP/PP	Project Partner

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

Partner name:

Organisation in original language	Latvijas Valsts mežzinātes institūts Silava (43 / 250 characters)
Organisation in English	Latvian State Forest Research Institute Silava (46 / 250 characters)
Department in original language	Meža ekoloģija un mežkopība (27 / 250 characters)
Department in English	Forest Ecology and Silviculture (31 / 250 characters)

Partner location and website:

Address	Rigas 111 (9 / 250 characters)	**Country**	Latvia
Postal Code	LV-2169 (7 / 250 characters)	**NUTS1 code**	Latvija
Town	Salaspils (9 / 250 characters)	**NUTS2 code**	Latvija
Website	www.silava.lv (13 / 100 characters)	**NUTS3 code**	Pierīga

Partner ID:

Organisation ID type	Unified registration number (Vienotais reģistrācijas numurs)
Organisation ID	90002121030
VAT Number Format	LV + 11 digits
VAT Number	N/A ☐ LV90002121030 (13 / 50 characters)
PIC	958882443 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	72.19 - Other research and experimental development on natural sciences and engineering	

Partner financial data:

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

Role of the partner organisation in this project:

"Latvian State Forest Research Institute Silava" will have two main roles in this project:
- Providing expert knowledge on forest management with focus on water quality and climate change regarding Latvia
- Activity leader (A1.2)

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

367 / 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 9

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

Partner name:

Organisation in original language	Suomen metsäkeskus (18 / 250 characters)
Organisation in English	Finnish Forest Centre (21 / 250 characters)
Department in original language	Elinkeinopalvelut (17 / 250 characters)
Department in English	Business Services (17 / 250 characters)

Partner location and website:

Address	Aleksanterinkatu 18 A (21 / 250 characters)	**Country**	Finland
Postal Code	15140 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Lahti (5 / 250 characters)	**NUTS2 code**	Etelä-Suomi
Website	www.metsakeskus.fi/en (21 / 100 characters)	**NUTS3 code**	Päijät-Häme

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	2440921-4
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI24409214 (10 / 50 characters)
PIC	919785041 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	National public authority	Ministry, etc.
Sector (NACE)	02.40 - Support services to forestry	

Partner financial data:

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

Role of the partner organisation in this project:

"Finnish Forest Centre" will have the three main roles in this project:
- Target group
- Provide expert knowledge on forest management with focus on improved water quality, and adaptation to climate change, regarding Finland
- Activity leader (A2.1)

Additional information, for example they will regarding Finland be involved and:
- Compile good examples of forest management with focus on improved water quality, and adaption to climate change.
- Prepare manuals for how to use new maps
- Transfer the methods for how to produce the maps to relevant authorities, forest companies, and other target groups, e.g. story maps, Gimlet LMS (Learning Management System), webinars
- Prepare new ditch maps
- Communcation to forest companies and forest owners

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

892 / 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 10

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

Partner name:

Organisation in original language	Eesti Erametsaliit (18 / 250 characters)
Organisation in English	Estonian Private Forest Union (29 / 250 characters)

Department in original language	n/a (4 / 250 characters)
Department in English	n/a (4 / 250 characters)

Partner location and website:

Address	Toompuiestee 24 (15 / 250 characters)	**Country**	Estonia
Postal Code	10149 (5 / 250 characters)	**NUTS1 code**	Eesti
Town	Tallinn (7 / 250 characters)	**NUTS2 code**	Eesti
Website	www.erametsaliit.ee (19 / 100 characters)	**NUTS3 code**	Põhja-Eesti

Partner ID:

Organisation ID type	Registration code (Registrikood)
Organisation ID	80022332
VAT Number Format	EE + 9 digits
VAT Number	**N/A** ☐ EE101456605 (11 / 50 characters)
PIC	998473769 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	NGO	Non-governmental organisations, such as Greenpeace, WWF, etc.
Sector (NACE)	02.40 - Support services to forestry	

Partner financial data:

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

Financial data	**Reference period**	01/01/2020 –	31/12/2020
	Staff headcount [in annual work units (AWU)]		5.0
	Employees [in AWU]		4.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
	Owner-managers [in AWU]		1.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		121,297.00
	Annual balance sheet total [in EUR]		189,546.00
	Operating profit [in EUR]		22,459.00

Role of the partner organisation in this project:

"Estonian Private Forest Union" will have the following main roles in this project:
- Provide a forest owner perspective on the maps and manuals
- Provide expert knowledge on forest manangement regarding Estonia

Addtional information, they will for example:
- Compile good examples of forest management with focus on improved water quality, and adaption to climate change, regarding Estonia
- Make a short video about the good examples from Estonia.
- Give feedback at workshops about their perspective on the maps and the manuals.
- Arrange physical meeting in Estonia, including excursions to see good examples of forest management.

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

775 / 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 11

LP/PP Project Partner

Partner Status Active

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

Partner name:

Organisation in original language Geologian tutkimuskeskus

24 / 250 characters

Organisation in English Geological Survey of Finland

28 / 250 characters

Department in original language Tietoratkaisut

14 / 250 characters

Department in English Information Solutions

21 / 250 characters

Partner location and website:

Address Lähteentie 2

12 / 250 characters

Postal Code 96101

5 / 250 characters

Town Rovaniemi

9 / 250 characters

Website www.gtk.fi/en/front-page/

25 / 100 characters

Country Finland

NUTS1 code Manner-Suomi

NUTS2 code Pohjois- ja Itä-Suomi

NUTS3 code Lappi

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	0244680-7
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI02446807 (10 / 50 characters)
PIC	999432614 (9 / 9 characters)

Partner type:

Legal status	a) Public
Type of partner	Higher education and research instituti — University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	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? No

Role of the partner organisation in this project:

Areal surficial deposit map and soil moisture maps, installing and maintaining soil moisture probing stations. Method and data transfer to target groups. Participating the physical meetings especially the one with focus on programming the map computations with methods in use in other partner countries and institutions.

- Leading the production of high-resolution substrate soil maps for pilot areas. Maps are done by processing remote sensing and aeroborne geophysical data with machine learning in collaboration with Maaperäpilotti and
MaaTu projects.
- Participation in the static wetness/wet area maps for the entire country of Finland by providing expertise and access to the aeroborne low altitude geophysical data
- Establishing the network of soil moisture probes on a pilot site

792 / 1,000 characters

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

○ Yes ○ No

State aid relevance

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

○ Yes ○ No

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

"Geological Survey of Finland" will have the following main roles in this project:
- Provide expert knowledge on soil and geology, as part of the preparation of the soil maps.
- Responsible for the soil moisture probes in Finland.

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

368 / 3,000 characters

2.2 Project Partner Details - Partner 12

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

Partner name:

Organisation in original language	Sydvatten AB (12 / 250 characters)
Organisation in English	Southern Sweden Water Supply (28 / 250 characters)
Department in original language	n/a (3 / 250 characters)
Department in English	n/a (3 / 250 characters)

Partner location and website:

Address	Hyllie Stationstorg 21 (22 / 250 characters)	**Country**	Sweden
Postal Code	21532 (5 / 250 characters)	**NUTS1 code**	Södra Sverige
Town	Malmö (5 / 250 characters)	**NUTS2 code**	Sydsverige
Website	www.sydvatten.se (16 / 100 characters)	**NUTS3 code**	Skåne län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	556100-9837
VAT Number Format	SE + 12 digits
VAT Number	**N/A** ☐ SE556100983701 (14 / 50 characters)
PIC	N/A (3 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Infrastructure and public service provi	Public transport, utility company (water supply, electricity supply, sewage, gas, waste collection, airport, port, railway, etc.)
Sector (NACE)	36.00 - Water collection, treatment and supply	

Partner financial data:

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

Role of the partner organisation in this project:

"Southern Sweden Water Supply" will have the following main roles in this project:
- Provide expert knowledge and the perspective of drinking water supply
- Prepare the manual for how to use the maps in Sweden

As all partners, they will take part in workshops and meetings for joint development and joint implementation of the project activities.

347 / 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
Lietuvos miško savininkų asociacija (LMSA)
42 / 250 characters

Organisation in English
Forest Owners Association of Lithuania (FOAL)
45 / 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
NGO
Non-governmental organisations, such as Greenpeace, WWF, etc.

Associated organisation location and website:

Address
A. Juozapavičiaus g. 9
22 / 250 characters

Country
Lithuania

Postal Code
LT-09311
8 / 250 characters

Town
Vilnius
7 / 250 characters

Website
https://www.facebook.com/lietuvosmiskai.lt/
43 / 100 characters

Role of the associated organisation in this project:

Feedback during development and implementation of maps and manuals in the private forest sector; colaboration in practical use of outputs in private forestry
157 / 1,000 characters

2.3 Associated Organisation Details - AO 2

Associated organisation name and type:

Organisation in original language: Lietuvos Respublikos Aplinkos ministerija (41 / 250 characters)

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

Department in original language: Miškų politikos grupė (21 / 250 characters)

Department in English: Forest Policy Group (19 / 250 characters)

Legal status: a) Public

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

Associated organisation location and website:

Address: A. Jakšto g. 4 (14 / 250 characters)

Country: Lithuania

Postal Code: LT-01105 (8 / 250 characters)

Town: Vilnius (7 / 250 characters)

Website: https://am.lrv.lt/en/ (21 / 100 characters)

Role of the associated organisation in this project:

Feedback during development of the maps and manuals; formation of forest management policy towards resilent forestry able to withstand against negative impact on forest and water quality.

187 / 1,000 characters

2.3 Associated Organisation Details - AO 3

Associated organisation name and type:

Organisation in original language
Valstybinė miškų urėdija VMU
28 / 250 characters

Organisation in English
State Forest Enterprise VMU
28 / 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
Large enterprise
≥ 250 employees

Associated organisation location and website:

Address
Savanorių pr. 176
17 / 250 characters

Country
Lithuania

Postal Code
LT-03154
8 / 250 characters

Town
Vilnius
7 / 250 characters

Website
https://vmu.lt/
15 / 100 characters

Role of the associated organisation in this project:

Particpation in implementation of the maps and manuals in forestry, organization and implementation of practical use of the project outputs.
140 / 1,000 characters

2.3 Associated Organisation Details - AO 4

Associated organisation name and type:

Organisation in original language
FSC
3 / 250 characters

Organisation in English
Forest Stewardship Council (FSC)
33 / 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
International governmental organisatio
HELCOM, BSSSC, CBSS, VASAB, etc.

Associated organisation location and website:

Address
Adenauerallee 134
17 / 250 characters

Country
Lithuania

Postal Code
G-53113
8 / 250 characters

Town
Bonn
4 / 250 characters

Website
https://lt.fsc.org/lt-lt
24 / 100 characters

Role of the associated organisation in this project:

Feedback in preparation, development and use of project maps, involvement of project outputs in the forest sector, from solutions forums to direct engagement with other important organizations.
193 / 1,000 characters

2.3 Associated Organisation Details - AO 5

Associated organisation name and type:

Organisation in original language: Lietuvos kartografų draugija (LKD)
34 / 250 characters

Organisation in English: Lithuanian Cartographic Society
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: NGO — Non-governmental organisations, such as Greenpeace, WWF, etc.

Associated organisation location and website:

Address: M.K.Čiurlionio 21/27
20 / 250 characters

Country: Lithuania

Postal Code: LT-03101
8 / 250 characters

Town: Vilnius
7 / 250 characters

Website: https://www.geoportal.lt/geoportal/web/lietuvos-kartografu-draugija
67 / 100 characters

Role of the associated organisation in this project:

Feedback during development of maps on waters and soils in the context of climate changes and related environmental events.
123 / 1,000 characters

2.3 Associated Organisation Details - AO 6

Associated organisation name and type:

Organisation in original language: Riigimetsa Majandamise Keskus (29 / 250 characters)

Organisation in English: State Forest Management Centre (30 / 250 characters)

Department in original language: Looduskaitseosakond (19 / 250 characters)

Department in English: Nature Protection Department (28 / 250 characters)

Legal status: a) Public

Type of associated organisation: Large enterprise — ≥ 250 employees

Associated organisation location and website:

Address: Mõisa, Sagadi küla, Haljala vald, Lääne-Viru maakond (52 / 250 characters)

Country: Estonia

Postal Code: 45403 (5 / 250 characters)

Town: Sagadi (6 / 250 characters)

Website: https://rmk.ee/en (17 / 100 characters)

Role of the associated organisation in this project:

Feedback and involvement in sharing good examples of forest management focused on improved water quality and adaption to climate change. (136 / 1,000 characters)

2.3 Associated Organisation Details - AO 7

Associated organisation name and type:

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

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

Department in original language: Vesien halinta ja arviointi, Vesitieto (38 / 250 characters)

Department in English: Water Management and Governance, Water Information Systems (58 / 250 characters)

Legal status: a) Public

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

Associated organisation location and website:

Address: Latokartanonkaari 11 (21 / 250 characters)

Country: Finland

Postal Code: FI-00790 (9 / 250 characters)

Town: Helsinki (8 / 250 characters)

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

Role of the associated organisation in this project:

SYKE is a multidisciplinary research and expert institute with an aim to solve society's most burning questions that have an impact on the environment. SYKE is or has been involved in several projects that can provide synergy through sharing knowledge and lessons learnt and potentially also data on streams and ditches and soil moisture observations and forecasts. Contacted persons: Pasi Valkama (Water management and Governance), Jukka Aroviita (Water Information Systems).

476 / 1,000 characters

2.3 Associated Organisation Details - AO 8

Associated organisation name and type:

Organisation in original language: Metsäteho Oy (12 / 250 characters)

Organisation in English: Metsäteho Ltd. (14 / 250 characters)

Department in original language: tutkimus (8 / 250 characters)

Department in English: research (8 / 250 characters)

Legal status: b) Private

Type of associated organisation: Business support organisation

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

Associated organisation location and website:

Address: Vernissakatu 1 (14 / 250 characters)

Country: Finland

Postal Code: 01300 (5 / 250 characters)

Town: Vantaa (6 / 250 characters)

Website: www.metsateho.fi/briefly-in-english (35 / 100 characters)

Role of the associated organisation in this project:

Metsäteho Oy is a limited company owned by the leading forest industry organisations and companies of Finland and is specialised on research and development (R&D) work and projects. Metsäteho can assist in finding suitable sites for installing soil moisture probes and they are representing the target group for maps and guides produced in this project. Contact person: Research Director Jukka Malinen.

402 / 1,000 characters

2.3 Associated Organisation Details - AO 9

Associated organisation name and type:

Organisation in original language
Daugavpils Universitāte
23 / 250 characters

Organisation in English
Daugavpils University
21 / 250 characters

Department in original language
Ģeomātikas laboratorija
23 / 250 characters

Department in English
Laboratory of Geomatics
23 / 250 characters

Legal status
a) Public

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

Associated organisation location and website:

Address
Vienības Str. 13
16 / 250 characters

Country
Latvia

Postal Code
LV-5401
7 / 250 characters

Town
Daugavpils
10 / 250 characters

Website
https://du.lv/en/about-us/
27 / 100 characters

Role of the associated organisation in this project:

Evaluation of best practices and other developed solutions, knowledge transfer in academic environment.
103 / 1,000 characters

2.3 Associated Organisation Details - AO 10

Associated organisation name and type:

Organisation in original language
Latvijas Finieris Mežs
22 / 250 characters

Organisation in English
Latvijas Finieris Mežs
22 / 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
Small and medium enterprise

Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total

Associated organisation location and website:

Address
Bauskas iela 59
15 / 250 characters

Country
Latvia

Postal Code
LV-1004
7 / 250 characters

Town
Rīga
4 / 250 characters

Website
https://www.finieris.com/en/company/about-us
44 / 100 characters

Role of the associated organisation in this project:

Evaluation of good practices, implementation of developed solutions in forest properties managed by company.
108 / 1,000 characters

2.3 Associated Organisation Details - AO 11

Associated organisation name and type:

Organisation in original language
Ingka Investments
17 / 250 characters

Organisation in English
Ingka Investments
17 / 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
Small and medium enterprise

Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total

Associated organisation location and website:

Address
Ādažu iela 24
13 / 250 characters

Country
Latvia

Postal Code
LV-1024
7 / 250 characters

Town
Bukulti, Garkalnes pag., Ropažu nov.
36 / 250 characters

Website
https://ingka-investments.lv/en/homepage/
41 / 100 characters

Role of the associated organisation in this project:

Evaluation of good practices, implementation of developed solutions in forest properties managed by company.
108 / 1,000 characters

2.3 Associated Organisation Details - AO 12

Associated organisation name and type:

Organisation in original language: Sodra Latvia (13 / 250 characters)

Organisation in English: Sodra Latvia (12 / 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: Small and medium enterprise

Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total

Associated organisation location and website:

Address: Kronvalda bulvāris 10 - 31 (26 / 250 characters)

Country: Latvia

Postal Code: LV-1010 (7 / 250 characters)

Town: Rīga (4 / 250 characters)

Website: https://www.sodra.com/lv/Sodra_Latvija/ (39 / 100 characters)

Role of the associated organisation in this project:

Evaluation of good practices, implementation of developed solutions in forest properties managed by company. (108 / 1,000 characters)

2.3 Associated Organisation Details - AO 13

Associated organisation name and type:

Organisation in original language: Latvijas Universitāte (21 / 250 characters)

Organisation in English: University of Latvia (20 / 250 characters)

Department in original language: Ģeoloģisko procesu izpētes un modelēšanas centrs (48 / 250 characters)

Department in English: Centre of Geological Processes Research and Modelling (54 / 250 characters)

Legal status: a) Public

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

Associated organisation location and website:

Address: Jelgavas Str.1 -328 (19 / 250 characters)

Country: Latvia

Postal Code: LV-1004 (7 / 250 characters)

Town: Rīga (4 / 250 characters)

Website: https://www.lu.lv/en/studies/faculties/faculty-of-geography-and-earth-sciences/ (79 / 100 characters)

Role of the associated organisation in this project:

Evaluation of good practices and developed solutions, knowledge transfer in academic environment. (97 / 1,000 characters)

2.3 Associated Organisation Details - AO 14

Associated organisation name and type:

Organisation in original language: Makšķernieku klubs "Saulkrasti"
31 / 250 characters

Organisation in English: Fishermen's club "Saulkrasti"
29 / 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: Niedru iela 9
13 / 250 characters

Country: Latvia

Postal Code: LV-4033
7 / 250 characters

Town: Vecsalaca, Limbažu nov., Salacgrīvas pag.
41 / 250 characters

Website: No website
10 / 100 characters

Role of the associated organisation in this project:

Demonstration of existing good practices, evaluation and implementation of developed solutions.
95 / 1,000 characters

2.3 Associated Organisation Details - AO 15

Associated organisation name and type:

Organisation in original language: Państwowe Gospodarstwo Leśne Lasy Państwowe
43 / 250 characters

Organisation in English: State Forests
13 / 250 characters

Department in original language: Dyrekcja Generalna Lasów Państwowych
36 / 250 characters

Department in English: General Directorate of the State Forests
40 / 250 characters

Legal status: a) Public

Type of associated organisation: Large enterprise | ≥ 250 employees

Associated organisation location and website:

Address: Grójecka 127
12 / 250 characters

Country: Poland

Postal Code: 02-124
6 / 250 characters

Town: Warsaw
6 / 250 characters

Website: https://www.lasy.gov.pl/
24 / 100 characters

Role of the associated organisation in this project:

The entity that manages most of the forest areas in Poland. Responsible for the management of forest areas, taking into account the principles of multifunctional and sustainable forest management. The materials developed within the project can be used by this institution to optimize forest management.
302 / 1,000 characters

2.3 Associated Organisation Details - AO 16

Associated organisation name and type:

Organisation in original language: Latvijas Meža īpašnieku biedrība
32 / 250 characters

Organisation in English: Latvian Forest Owners' Association
34 / 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: Republikas laukums 2-508
24 / 250 characters

Country: Latvia

Postal Code: LV-1981
7 / 250 characters

Town: Rīga
4 / 250 characters

Website: https://mezaipasnieki.lv/en
27 / 100 characters

Role of the associated organisation in this project:

Help in the identification and evaluation of good practices, feedback on the maps, knowledge transfer to the organization members.
130 / 1,000 characters

2.3 Associated Organisation Details - AO 17

Associated organisation name and type:

Organisation in original language
Maa- ja metsätalousministeriö
29 / 250 characters

Organisation in English
Ministry of Agriculture and Forestry of Finland
47 / 250 characters

Department in original language
Metsät
6 / 250 characters

Department in English
Forests
7 / 250 characters

Legal status
a) Public

Type of associated organisation
National public authority
Ministry, etc.

Associated organisation location and website:

Address
Hallituskatu 3A
15 / 250 characters

Country
Finland

Postal Code
00023
5 / 250 characters

Town
Helsinki
8 / 250 characters

Website
WWW.mmm.fi/en
13 / 100 characters

Role of the associated organisation in this project:

The Ministry of Agriculture and Forestry steers the policy on sustainable use of natural resources. Legislative work is carried out as part of the Finnish Government and the EU institutions and decision-making. Contact person: Niina Riissanen.
243 / 1,000 characters

2.3 Associated Organisation Details - AO 18

Associated organisation name and type:

Organisation in original language: Tornator Oyj (12 / 250 characters)

Organisation in English: Tornator Plc (12 / 250 characters)

Department in original language: Tornator (8 / 250 characters)

Department in English: Tornator (8 / 250 characters)

Legal status: b) Private

Type of associated organisation: Large enterprise — ≥ 250 employees

Associated organisation location and website:

Address: Napinkuja 3 C (13 / 250 characters)

Country: Finland

Postal Code: 55100 (5 / 250 characters)

Town: Imatra (6 / 250 characters)

Website: www.tornator.fi/en (18 / 100 characters)

Role of the associated organisation in this project:

Tornator's core business includes sustainable forestry, forestland purchasing and silvicultural services. In addition to Tornator key business areas, they sell cutting rights to their land, develop wind power projects and sell high-quality waterfront plots and soil resources. Tornator is representing the target group for maps and guides produced in this project. Contact person: Heikki Myöhänen.

397 / 1,000 characters

2.3 Associated Organisation Details - AO 19

Associated organisation name and type:

Organisation in original language
Latvijas Lauku konsultāciju un izglītības centrs
48 / 250 characters

Organisation in English
Latvian Rural Advisory and Training Centre
42 / 250 characters

Department in original language
Meža konsultāciju pakalpojumu centrs
36 / 250 characters

Department in English
Forest Consulting Services' Centre
34 / 250 characters

Legal status
b) Private

Type of associated organisation
Education/training centre and school
Primary, secondary, pre-school, vocational training, etc.

Associated organisation location and website:

Address
Rīgas Str. 34
13 / 250 characters

Country
Latvia

Postal Code
LV-3018
7 / 250 characters

Town
Ozolnieki, Ozolnieku pag., Jelgavas nov.
40 / 250 characters

Website
http://new.llkc.lv/lv/nozares/mezsaimnieciba
45 / 100 characters

Role of the associated organisation in this project:

Feedback on developed solutions, knowledge transfer to forest owners.
69 / 1,000 characters

2.3 Associated Organisation Details - AO 20

Associated organisation name and type:

Organisation in original language
Maa- ja metsätaloustuottajain keskusliitto - MTK
48 / 250 characters

Organisation in English
The Central Union of Agricultural Producers and Forest Owners
61 / 250 characters

Department in original language
Metsän omistaminen ja metsätalous
33 / 250 characters

Department in English
Forest ownership and forestry
29 / 250 characters

Legal status
b) Private

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

Associated organisation location and website:

Address
Simonkatu 6
11 / 250 characters

Country
Finland

Postal Code
00100
5 / 250 characters

Town
Helsinki
8 / 250 characters

Website
www.mtk.fi
10 / 100 characters

Role of the associated organisation in this project:

MTK has over 316 000 members in local agricultural producers' organisations and regional forest management associations. All of the occupations and businesses of MTK members are based on renewable natural resources and their utilisation in a sustainable and economical way. MTK is representing the target group for maps and guides produced in this project. Contact person: Hannu Ripatti.
387 / 1,000 characters

2.3 Associated Organisation Details - AO 21

Associated organisation name and type:

Organisation in original language: Paikkatietokeskus (FGI)
23 / 250 characters

Organisation in English: Finnish Geospatial Research Institute (FGI)
43 / 250 characters

Department in original language: Geoinformatiikka ja kartografia
31 / 250 characters

Department in English: Geoinformatics and Cartography
30 / 250 characters

Legal status: a) Public

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

Associated organisation location and website:

Address: Vuorimiehentie 5
16 / 250 characters

Country: Finland

Postal Code: 02150
5 / 250 characters

Town: Espoo
5 / 250 characters

Website: www.maanmittauslaitos.fi/en/research
36 / 100 characters

Role of the associated organisation in this project:

Knowledge sharing on mapping streams and peat land and machine learning methods. Responsible organization in Finland as data provider of stream data. Contact person: Juha Oksanen through projects: ATMU, MaaTU.
209 / 1,000 characters

3. Relevance

3.1 Context and challenge

In the Baltic Sea Region forestry operations dominate in the north and agriculture in the south. These land uses cause particularly leaching of nutrients, but also other pollutants, that sooner or later will reach the Baltic Sea. Sources for the water deteriorating particles and suspended solids are often small and diffuse, and they are transported forward by the smallest streams and ditches.

These streams and ditches need more attention. They represent themselves important habitats (streams), but also their role in transporting pollutants to the Baltic Sea cannot be denied. The accurate location and status of these streams and ditches are often unknown. The landscape and soil types the streams pass also have great influence on the water quality, and particularly soils represent another set of information that is currently too coarse.

Besides spatial uncertainties, the water quality is strongly influenced by dynamic changes in the hydrological cycle. More detailed understanding suggests that some areas can be prone to soil rutting and methyl mercury formation at certain times of the year.

Spatially and temporally accurate information is crucial also to ensure that the challenges that climate changes brings to the Baltic Sea Region can be answered.

1,272 / 2,000 characters

3.2 Transnational value of the project

By working transnationally we use the best competence from many countries in the Baltic Sea Region. For example there is high competence in Sweden, Finland and Latvia regarding the use of artificial intelligence for production of new types of maps, and for how to use these maps in a cost-efficient way in forestry. In addition, the differences in forest management between countries is a potential for sharing good examples of forestry, which mitigate negative impact on water quality, and will speed up adaption of forest management to climate change.

To scale up our solutions (methods for producing maps, and manuals for how to use them), and to maximise the results of the project, we have included a majority of the countries in the Baltic Sea Region. In some activities for example Sweden will have more of a leading role (preparation of methods for producing maps), while in other activites other countries will have a more important role, for example Poland regarding adaptation of forest management to climate change. All countries will both contribute to the work with knowledge and experience, and gain new knowledge and experience to be transferred to target groups in each country.

1,197 / 2,000 characters

3.3 Target groups

Target group	Sector and geographical coverage	Its role and needs
National public authority	Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups. 261 / 500 characters	National public authorities have the resources to produce maps for entire countries. They need methods for producing new types of detailed maps which can be used as cost-efficient planning tools in forestry, and other sectors, in order to improve water quatlity in streams, lakes, and ground water levels. We will provide authorities with the methods for how to produce such maps. 382 / 1,000 characters

Target group	Sector and geographical coverage	Its role and needs
Large enterprise	Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps) 201 / 500 characters	Forest enterprises need cost-efficient planning tools to combine production of wood with appropriate consideration to water quatlity in streams and lakes, and ground water levels. They also need more good examples of forest management with focus on water quality and climate change. In the project they will be involved mainly in preparing and piloting manuals for how to use the new maps. Also, they will be involved in compiling and sharing good examples of forest management. Southern Sweden Water Supply (PP12) will be involved mainly in preparing and piloting manuals for how to use the maps, with an important water management perspective. We will provide forest enterprises with manuals for how to use the new types of maps, and inspiring videos with good examples of forest management from all involved BSR countries. 828 / 1,000 characters
Small and medium enterprise	Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups). 162 / 500 characters	Small and medium enterprises need cost-efficient planning tools to combine production of wood with appropriate consideration to water quality in streams, lakes, and ground water levels. Riga Forests (PP06) will contribute to the project with the perspective of a medium enterprise in an urban and suburban area. They manage their forests for wood production, drinking water supply, recreational values, and biodiversity. They have the competence to use the outputs from this project to produce new maps for their own forest land, which will help them to mitigate negative impact on water quality, do smarter and more nature friendly forest management, and use the project outputs for their everyday forest landscape planning. 727 / 1,000 characters

3.4 Project objective

Your project objective should contribute to:

Sustainable waters

We will provide national public authorities, and forest enterprises e.g. Riga Forests, with methods for how to produce three new types of detailed maps, which will be cost-efficient planning tools in forestry, and other sectors, in order to improve water quatlity in streams and lakes, and ground water levels:
- Maps showing ditches and small streams (ditch maps).
- Maps showing surficial deposits (soil maps)
- Maps showing wet areas, and taking weather forecasts into account (dynamic wet area maps)

We will provide authorities and forest enterprises with manuals for how to use the new maps as cost-efficient planning tools to combine production of wood with appropriate consideration to water quatlity in streams and lakes, and ground water levels.

We will provide authorities and forest enterprises with inspiring videos with good examples of forest management from all involved BSR countries, focusing on water quality and climate change.

948 / 2,000 characters

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

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

(•) Yes ( ) No

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

PA Bio-economy

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

The project mainly contributes to action 1, but also to action 2 and 3.

Action 1: "Strengthen the role and importance of bioeconomy for achieving increased sustainability, productivity and adaption to climate change as well as resilience, including climate resilience in ecosystems"
The project will promote sustainable use of forest resources by providing cost-efficient planning tools - methods for producing new detailed maps. This will fascilitate sustainable forest management with focus on water quality. In addition, the maps can prevent risks by adaptation of forest management to climate change. We will learn from each other across boarders and share good examples of forest management focused on water quality. This will speed up spreading of new sustainable practices.

Action 2: "Improving agricultural practices for sustainability and adaptation (e.g. to climate change) in a sustainable and resilient growing bio-economy"
The methods for producing new maps will help preventing leakage of nutrients from forest operations.

Action 3: "Strengthen multiple use of resources through cross-cutting and cross-sectoral approaches to release potential and accelerate the development of a sustainable circular bio-economy"
The forest landscape is important for wood production, but in many areas also for drinking water supply. The maps will help to combine forestry and water management.

The project will also contribute to PA:s work plan specified activities for the years 2022-2024.

1,494 / 1,500 characters

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

PA Nutri

Action 1: "Reduce nutrient emissions from agriculture and other diffuse sources"
The methods for producing new maps provide cost-efficient and innovative planning tools that will actively encourage the forest sector to mitigate nutrient leakage to streams and lakes.

276 / 1,500 characters

3.6 Other political and strategic background of the project

Strategic documents

- EU Green Deal, which will ensure no net emissions of greenhouse gases by 2050
- EU Biodiversity strategy 2030, which aims to protect nature and reverse the degradation of ecosystems
- EU Bioeconomy strategy, including e.g. manage natural resources sustainably, and adapting to climate change

Our project contributes by providing cost-efficiant planning tools for a sustainable forest management, which provides fossile free products, with focus on water quality, biodiversity and climate change.

498 / 500 characters

3.7 Seed money support

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

( ) Yes (•) No

3.8 Other projects: use of results and planned cooperation

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
Water Management in Baltic Forests Tool Box (#X007 WAMBAF Tool Box) 67 / 200 characters	Interreg Baltic Sea Region Programme 36 / 200 characters	In WAMBAF Tool Box "wet area maps" were developed and transferred to target groups. We will use knowledge and experience from WAMBAF Tool Box when preparing, piloting and transferring methods for the new maps; ditch maps, soil maps, and dynamic wet area maps. In addition, we build on the partnership from WAMBAF Tool Box, which will fascilitate cooperation.Though, it should be emphasized that this is not a prolongation of WAMBAF Tool Box. But we use the experience about our target group's needs, and parts of the strong and successful partnership. On top of this we add additional partners to our partnership, especially from our target groups. 648 / 1,000 characters
Improving sustainable planning with high quality AI-developed soil maps 71 / 200 characters	Formas (Sweden) 15 / 200 characters	Experiences from this national project will be important when preparing and piloting the methods for implementing surficial deposit maps (soil maps). 149 / 1,000 characters
Challenges and social consequences of artificial intelligence in Swedish forests 80 / 200 characters	Wallenberg Foundations 22 / 200 characters	We will use experience and knowledge regarding artificial intelligence. 71 / 1,000 characters
Implementation of River Basin Management Plans of Latvian towards good surface water status (LIFE GoodWater IP, LIFE 18 IPE/LV/000014) 134 / 200 characters	LIFE 4 / 200 characters	As GoodWater IP aims, among other objectivees, to improve ecological status of waterbodies through targeted green infrastructure measures and establishment of water protection structures in drainage systems, it creates synergies and possibilities for mutual collaboration. Good practices demonstrated by GoodWater IP may be used in this project, and the solutions developed by this project will be useful in the GoodWater IP demonstration sites. 445 / 1,000 characters
Holisoils 9 / 200 characters	EU horizon 2020 (grant no 101000289) 37 / 200 characters	Holisoils will benefit from the maps produced in this project and collaborate on creating soil maps, particularly from the perspective of improving the Baltic Sea state part of European wide peat maps. 202 / 1,000 characters

3.10 Horizontal principles

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

4. Management

Allocated budget 15%

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.

We will:
- Establish a steering committee with representatives from all partners. The members of the committee will be head of departments, CEO:s etc.
- Establish national reference groups in each country to engage our target groups
- Arrange approx. two workshops per year (physical meetings) to meet, plan and work on the project activities
- Arrange virtual meetings regularly to discuss project activities and do joint planning, as well as following up that we are proceeding according to plan

497 / 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 lead partner, and most of the project partners, have long experience from Interreg projects and financial management in international projects. The lead partner will support project partners by arranging meetings and giving individual support by e-mail, phone, online etc.

276 / 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.

We will prepare a communication plan where all communication activities will be specified, such as newsletter, project website etc.

132 / 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

Number	Group of Activity Name
1.1	Prepare methods for producing maps
1.2	Compile good examples of forest management
1.3	Prepare manuals for how to use the maps

Number	Work Package Name
2	WP2 Piloting and evaluating solutions

Number	Group of Activity Name
2.1	Pilot methods for producing maps
2.2	Pilot manuals

Number	Work Package Name
3	WP3 Transferring solutions

Number	Group of Activity Name
3.1	Tranferring of methods and manuals

Work plan overview

Period: 1 2 3 4 5 6	Leader
WP.1: WP1 Preparing solutions	**PP1**
A.1.1: Prepare methods for producing maps	PP4
D.1.1: Draft methods for producing maps (D)	
A.1.2: Compile good examples of forest management	PP8
O.1.2: Report and videos of good examples of forest management (O)	
A.1.3: Prepare manuals for how to use the maps	PP3
D.1.3: Draft manuals for how to use the maps (D)	
WP.2: WP2 Piloting and evaluating solutions	**PP1**
A.2.1: Pilot methods for producing maps	PP9
O.2.1: Methods for producing maps (O)	
A.2.2: Pilot manuals	PP3
O.2.2: Manuals for how to use the maps (O)	
WP.3: WP3 Transferring solutions	**PP1**
A.3.1: Tranferring of methods and manuals	PP1

Outputs and deliverables overview

Code	Title	Description	Contribution to the output	Output/ deliverable contains an investment
D 1.1	Draft methods for producing maps	There will be three methods delivered, one for each type of map: - A method for how to produce maps, which shows ditches and small streams - A method for how to produce maps showing different types of soils (surficial deposits) - A method for how to produce dynamic wet area maps Each method will be described in a document. The format of the document can differ between the countries, depending on needs and possilbilities in each country. For example documentation of the methods, the program code, and example data can be published on github.com, which is a userfriendly format for proffssionals with IT competence mainly at authorities, but also at forest enterprises such as Riga Forests (PP6).	Methods for producing maps	
O 1.2	Report and videos of good examples of forest management	The purpose of the report and the videos is to share good examples of forest management between countries in the Baltic Sea Region, with focus on improved water quality and adaptation to climate change. The aim is to inspire forest companies and authorities to implement different forest management methods to improve water quality and adapt forests to climate change. So, the videos will serve as inspiration, while the manuals and new maps will serve as the planning tools. The videos will have an English speaker voice and English subtitles. The reports will be published as a PDF-document, and possilby also in a printed version.		
D 1.3	Draft manuals for how to use the maps	The format of the manuals can differ between countries, depending on needs and possibities. For example the manuals can be an integrated part of an IT system, or a report delivered as a PDF-file. The format for each country will be decided together with target groups as part of this activity. First a general content of the manuals will be discussed at workshops and meetings with all involved countries, then each country will choose the format most appropriate for them and continue the work with involvment of the national reference group (representatives from target groups). During the process of developing the manuals we will share experiences, and support each other between countries at meetings, via e-mail, individual contacts. Manuals will be made for Sweden, Finland, Latvia, Lithuania, and Poland.	Manuals for how to use the maps	
O 2.1	Methods for producing maps	There will be three methods delivered, one for each type of map: - A method for how to produce maps, which shows ditches and small streams - A method for how to produce maps showing different types of soils (surficial deposits) - A method for how to produce dynamic wet area maps Each method will be described in a document. The format of the document can differ between the countries, depending on needs and possilbilities in each country. For example documentation of the methods, the program code, and example data can be published on github.com, which is a userfriendly format for proffssionals with IT competence mainly at authorities, but also at forest enterprises such as Riga Forests (PP6).		
O 2.2	Manuals for how to use the maps	The format of the manuals can differ between countries, depending on needs and possibilities. For example the manuals can be an integrated part of an IT system, or a report delivered as a PDF-file. The format for each country will be decided together with target groups as part of this activity. First (in work package 1) a general content of the manuals will be discussed at workshops and meetings with all involved countries, then each country will choose the format most appropriate for them and continue the work with involvment of the national reference group (representatives from target groups). During the process of developing the manuals we will share experiences, and support each other between countries at workshops, meetings, via e-mail, and individual contacts. Manuals will be made for Sweden, Finland, Latvia, Lithuania, and Poland.		

Work package 1

5.1 WP1 Preparing solutions

5.2 Aim of the work package

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

5.3 Work package leader

Work package leader 1 PP 1 - Swedish Forest Agency

Work package leader 2 Please select

5.4 Work package budget

Work package budget 50%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	National public authority Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups. 261 / 500 characters	Three national public authorities are represented as partners in the partnership, and are actively engaged. They will be involved via meetings, workshops, e-mails, and by actually working in the project within the activities. Additional public authorities will be involved in our national reference groups, via meetings, e-mails, and individual contacts. 355 / 1,000 characters
2	Large enterprise Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps) 201 / 500 characters	Forest enterprises will be involved in our national reference groups, via meetings, e-mails, and individual contacts. 117 / 1,000 characters
3	Small and medium enterprise Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups). 162 / 500 characters	Small and medium enterprises are represented in the partnership by Riga Forests, which will be involved via meetings, workshops, e-mails, and by actually working in the project within the activities. 199 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
1.1	**Prepare methods for producing maps**
1.2	**Compile good examples of forest management**
1.3	**Prepare manuals for how to use the maps**

WP 1 Group of activities 1.1

5.6.1 Group of activities leader

Group of activities leader PP 4 - Swedish University of Agricultural Science

A 1.1

5.6.2 Title of the group of activities

Prepare methods for producing maps

34 / 100 characters

5.6.3 Description of the group of activities

We will prepare methods, which can be used by target groups to produce three types of detailed maps. These maps will then be a cost-effcient tool in forestry to mitgate negative impact on streams, lakes, and ground water. In addition they can be used to adapt forest management to climate change. The methods to produce the maps represent the latest technology and artificial intelligence. This way of producing maps results in much more detailed maps compared to traditional maps. The methods will decribe how to produce the following types of maps:
- Maps showing ditches and small streams (ditch maps)
- Maps showing surficial deposits (soil maps)
- Maps showing wet areas, and taking weather forecasts into account (dynamic wet area maps)

We will pilot the methods by producing maps for at least one demonstration area in three countries; Sweden, Finland and Latvia. Possilbly also in Poland and Lithuania. In these demonstration areas we will evaluate the maps and the methods, togehter with our target groups, and then do adjustments.

We will collect input from our target groups in two ways:
- From representatives of target groups which are represented in the partnership as partners (three authorities, and one forest enterprise)
- From other authorities and forest companies by establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations)

The methods we prepare is our solution for improving the water quality in streams, lakes, and ground water. When target groups use these methods they can produce new detailed maps, which will be a cost-efficient tool for planning of forest operations to improve water quality, and in addition adapt forest management to climate change.

We will share knowledge and experience between involved countries, and colaborate to prepare the methods. This will be done at physical workshops, and virtual meetings.

1,986 / 3,000 characters

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

D 1.1

Title of the deliverable

Draft methods for producing maps

32 / 100 characters

Description of the deliverable

There will be three methods delivered, one for each type of map:
- A method for how to produce maps, which shows ditches and small streams
- A method for how to produce maps showing different types of soils (surficial deposits)
- A method for how to produce dynamic wet area maps

Each method will be described in a document. The format of the document can differ between the countries, depending on needs and possilbilities in each country. For example documentation of the methods, the program code, and example data can be published on github.com, which is a userfriendly format for proffssionals with IT competence mainly at authorities, but also at forest enterprises such as Riga Forests (PP6).

700 / 2,000 characters

Which output does this deliverable contribute to?

Methods for producing maps

26 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.1: Prepare methods for producing maps						
D.1.1: Draft methods for producing maps						

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 8 - Latvian State Forest Research Institute Silava

A 1.2

5.6.2 Title of the group of activities

Compile good examples of forest management

42 / 100 characters

5.6.3 Description of the group of activities

We will compile good examples of forest management in each country, with focus on improved water quality and adaptation to climate change. The good examples will be presented in a report, and in addition we will make one short video from each country. The videos will be used to share knowledge and experience between countries in the Baltic Sea Region, and inspire forest companies and authorities to implement different forest management methods to improve water quality and adapt forests to climate change.

We will make a draft structure of the report and the videos, and get feedback from our national reference groups. After that we will compile the good examples of forest management in each country, and prepare the report and the videos. The good exemples will also help us to visualize and produce the manuals (A 1.3).

The general structure of the report and the videos will be prepared together in the partnership at a workshop, and at virtual meetings. A common visual of the videos will be prepared to make them be like a series of videos.
At least one partner from each country will be involved in the preparation of the report and of the videos. Natural Resources Institute Finland (PP3) will lead the work of the videos, and Latvian State Forest Research Institute Silava will lead the work of preparation of the reports.

1,339 / 3,000 characters

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

O 1.2

Title of the output

Report and videos of good examples of forest management

55 / 100 characters

Description of the output

The purpose of the report and the videos is to share good examples of forest management between countries in the Baltic Sea Region, with focus on improved water quality and adaptation to climate change. The aim is to inspire forest companies and authorities to implement different forest management methods to improve water quality and adapt forests to climate change. So, the videos will serve as inspiration, while the manuals and new maps will serve as the planning tools.

The videos will have an English speaker voice and English subtitles.
The reports will be published as a PDF-document, and possilby also in a printed version.

634 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 National public authority Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups.	The videos will be published on YouTube and are planned to be short and inspiring to ensure they will be watched and spread among authorities. The videos can be used for example at meetings to inspire authorities to initiate national campaigns or other activities to improve forest management with focus on water quality and adaptation to climate change. 354 / 1,000 characters
Target group 2 Large enterprise Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps)	The videos will be published on YouTube and are planned to be short and inspiring to ensure they will be watched and spread among forest companies. The videos can be used for example at meetings and webinars to inspire forest companies to improve forest management with focus on water quality and adaptation to climate change. 326 / 1,000 characters
Target group 3 Small and medium enterprise Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups).	The videos will be published on YouTube and are planned to be short and inspiring to ensure they will be watched and spread among forest companies. The videos can be used for examples at meetings and webinars to inspire forest companies to improve forest management with focus on water quality and adaption to climate change. 325 / 1,000 characters

Durability of the output

The videos will be published on YouTube, and possibly on target group's websites. This needs a minimum of institutional and financial support, and will ensure the videos are available after the end of the project. The videos are planned to be short and inspiring to ensure they will be watched and spread among target groups, also after the project.

Partners in each country will use their national reference groups to share the vidoes and spread them to target groups outside the partnership and to a wider audience.

518 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.2: Compile good examples of forest management						
O.1.2: Report and videos of good examples of forest management						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 1 Group of activities 1.3

5.6.1 Group of activities leader

Group of activities leader PP 3 - Natural Resources Institute Finland

A 1.3

5.6.2 Title of the group of activities

Prepare manuals for how to use the maps

39 / 100 characters

5.6.3 Description of the group of activities

We will prepare manuals for how to use the new maps in forest management for improved water quality and for adapting forests to climate change.

Will we pilot the manuals together with maps in at least one demonstration area in three countries; Sweden, Finland and Latvia. Possilbly also in Poland and Lithuania. In these demonstration areas we will evaluate the manuals, together with our target groups, and then do adjustments.

We will collect input from our target groups in two ways:
- From representatives of target groups which are represented in the partnership as partners (three authorities, and one forest enterprise)
- From other authorities and forest companies by establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations)

The manuals we prepare is part of our solution for improving the water quality in streams and lakes, and ground water levels. The manuals will help target groups to use the maps as a cost-efficient tool for planning of forest operations to improve water quality, and in addition adapt forest management to climate change.

We will share knowledge and experience between involved countries, and colaborate to prepare the manuals. This will be done at physical workshops, and virtual meetings.

1,360 / 3,000 characters

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

D 1.3

Title of the deliverable

Draft manuals for how to use the maps

37 / 100 characters

Description of the deliverable

The format of the manuals can differ between countries, depending on needs and possibities. For example the manuals can be an integrated part of an IT system, or a report delivered as a PDF-file. The format for each country will be decided together with target groups as part of this activity. First a general content of the manuals will be discussed at workshops and meetings with all involved countries, then each country will choose the format most appropriate for them and continue the work with involvment of the national reference group (representatives from target groups). During the process of developing the manuals we will share experiences, and support each other between countries at meetings, via e-mail, individual contacts. Manuals will be made for Sweden, Finland, Latvia, Lithuania, and Poland.

812 / 2,000 characters

Which output does this deliverable contribute to?

Manuals for how to use the maps

31 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.3: Prepare manuals for how to use the maps						
D.1.3: Draft manuals for how to use the maps						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

Work package 2

5.1 WP2 Piloting and evaluating solutions

5.2 Aim of the work package

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

5.3 Work package leader

Work package leader 1 PP 1 - Swedish Forest Agency

Work package leader 2 Please select

5.4 Work package budget

Work package budget 20%

5.4.1 Number of pilots

Number of pilots 2

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	National public authority Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups. 261 / 500 characters	We will reach and engage our target groups by: - Including them as partners in our partnership (three authorities) - Establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations) 306 / 1,000 characters
2	Large enterprise Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps) 201 / 500 characters	We will reach and engage our target groups by: - Establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations) 238 / 1,000 characters
3	Small and medium enterprise Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups). 162 / 500 characters	We will reach and engage this target groups by: - Including them as partners in our partnership (one forest enterprise) - Establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations) 311 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
2.1	**Pilot methods for producing maps**
2.2	**Pilot manuals**

WP 2 Group of activities 2.1

5.6.1 Group of activities leader

Group of activities leader PP 9 - Finnish Forest Centre

A 2.1

5.6.2 Title of the group of activities

Pilot methods for producing maps

32 / 100 characters

5.6.3 Description of the group of activities

We will pilot the methods in at least three countries; Latvia, Finland, and Sweden. Possibly also in Poland and Lithuania. In Latvia we will do the pilots on forest land owned by Riga Forests (PP6). For these areas we will use the methods and actually produce maps, to be able to pilot the methods and the maps.
For Sweden and Finland we will decide the locations of the demonstration areas together with target groups. Preliminary location in Sweden is the Krycklan water catchment, and preliminary location in Finland is the Kuonanjoki water catchment.

We will evaluate how well the methods work by checking how well the maps correspond to reality:
- How many percentage of the ditches and small streams are shown on the map, compared to the ditches and small streams we can see in reality in the forest?
- How well does the map correspond to reality regarding different soil types (surficial deposits)?
- How accurate is the dynamic wet area map? How does the map change because of weather forcasts, and how many percentage of the wet areas in the forest do they show?

In Latvia the piloting will be done on forest land owned by Riga Forests (PP6), and they will be involved in the evaluation. In the other countries we will involve target groups via our national reference groups to pilot and evaluate the methods and maps.

The results of the pilots will help us to adjust the methods for producing maps. After the pilots we will discuss possibilities for improvements and adjustments of the methods. All involved countires will contribute to the discussions at workshops and meetings. In this way we use the compentence from different countries to improve the outputs of the project. This will make the maps more accurate and better corresponding to reality.

1,767 / 3,000 characters

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

O 2.1

Title of the output

Methods for producing maps

26 / 100 characters

Description of the output

There will be three methods delivered, one for each type of map:
- A method for how to produce maps, which shows ditches and small streams
- A method for how to produce maps showing different types of soils (surficial deposits)
- A method for how to produce dynamic wet area maps

Each method will be described in a document. The format of the document can differ between the countries, depending on needs and possilbilities in each country. For example documentation of the methods, the program code, and example data can be published on github.com, which is a userfriendly format for proffssionals with IT competence mainly at authorities, but also at forest enterprises such as Riga Forests (PP6).

700 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 National public authority Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups.	National public authorities have the resources to produce maps for entire countries. They need methods for producing new types of detailed maps, which can be used as cost-efficient planning tools in forestry, and other sectors, in order to improve water quatlity in streams and lakes, and ground water levels. The authorities involved as partners in the project will use this output (methods for producing maps) to produce maps for their countries after the project. 468 / 1,000 characters
Target group 2 Large enterprise Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps)	Even though authorities is the main target group for this output, some forest companies have the competence to use the methods and produce maps for their own forest land. We will share the knowledge about the methods in our national reference groups, to give more forest companies the possibility to use the methods. 316 / 1,000 characters
Target group 3 Small and medium enterprise Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups).	Some forest companies have the competence to produce maps for their own forest land. Riga Forests who is involved as a partner in the project will use this output to produce maps for their forest land during the project, and after the project. They will use these maps in their internal forest data management information system. 330 / 1,000 characters

Durability of the output

From all countries involved in this activity there are partners in our partnership with the institutional and financial support to keep the methods available and functional after the end of the project:
Sweden: PP4 (SLU) / LP1 (Swedish Forest Agency)
Finland: PP3 (Natural Resources Institute Finland) / PP9 (Finnish Forest Centre) / PP11 Geological Survey of Finland)
Latvia: PP2 (LEGMC) / PP8 (Silava)
Lithuania: PP5 (LAMMC)
Poland: PP7 (IBL)

445 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.1: Pilot methods for producing maps						
O.2.1: Methods for producing maps						

5.6.7 This deliverable/output contains productive or infrastructure investment

WP 2 Group of activities 2.2

5.6.1 Group of activities leader

Group of activities leader PP 3 - Natural Resources Institute Finland

A 2.2

5.6.2 Title of the group of activities

Pilot manuals

13 / 100 characters

5.6.3 Description of the group of activities

We will pilot the draft manuals in Sweden, Finland, Latvia, Lithuania, and Poland. In Latvia we will do the pilots on forest land owned by Riga Forests (PP6). For the other countries we will decide the location of areas for piloting together with target groups. In Sweden and Finland target groups are involved as partners, and they will be involved in the piloting and evaluations. In Poland and Lithuania target groups will be involved via our national reference groups, for example the State forests companies in each country are planned to be involved.

We will discuss and evaulate how well the manuals work in practice. This will be done at excursions, or at meetings. How well do the manuals help target groups to use the maps in order to mitigate negative impact on water quality? We will consider different types of forests to evaluate different aspects of the manuals. Since the manuals should be adapted to each country, the piloting and evaluations are planned to be on national level. However, after the piloting and evaluations we will share the experience between the involved countries workshops and meetings. After this we will do adjustments of the manuals.

1,175 / 3,000 characters

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

O 2.2

Title of the output

Manuals for how to use the maps

31 / 100 characters

Description of the output

The format of the manuals can differ between countries, depending on needs and possibilities. For example the manuals can be an integrated part of an IT system, or a report delivered as a PDF-file. The format for each country will be decided together with target groups as part of this activity. First (in work package 1) a general content of the manuals will be discussed at workshops and meetings with all involved countries, then each country will choose the format most appropriate for them and continue the work with involvment of the national reference group (representatives from target groups). During the process of developing the manuals we will share experiences, and support each other between countries at workshops, meetings, via e-mail, and individual contacts. Manuals will be made for Sweden, Finland, Latvia, Lithuania, and Poland.

849 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 National public authority Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups.	Forest authorities will use the manuals when giving advice to forest companies and forest owners on how to use the new maps to mitigate negative impact on water quatlity, and to adapt forests to climate change. 210 / 1,000 characters
Target group 2 Large enterprise Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps)	Forest companies will use the manuals, together with the new maps, when planning forest operations to mitigate negative impact on water quatlity, and to adapt forests to climate change. 185 / 1,000 characters
Target group 3 Small and medium enterprise Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups).	Forest companies will use the manuals, together with the new maps, when planning forest operations to mitigate negative impact on water quatlity, and to adapt forests to climate change. 185 / 1,000 characters

Durability of the output

From all countries involved in this activitty there are partners in our partnership with the institutional and financial support to keep the manuals available and functional after the end of the project:
Sweden: LP1 (Swedish Forest Agency)
Finland: PP3 (Natural Resources Institute Finland) / PP9 (Finnish Forest Centre)
Latvia: PP8 (Silava)
Lithuania: PP5 (LAMMC)
Poland: PP7 (IBL)

384 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.2: Pilot manuals						
O.2.2: Manuals for how to use the maps						

5.6.7 This deliverable/output contains productive or infrastructure investment

Work package 3

5.1 WP3 Transferring solutions

5.2 Aim of the work package

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

5.3 Work package leader

Work package leader 1	PP 1 - Swedish Forest Agency
Work package leader 2	Please select

5.4 Work package budget

Work package budget	15%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	National public authority Sectors: Forestry, Water management, Environment/Geology Countries: Mainly Sweden, Finland, and Latvia, since authorites from these countries are represented as partners. But also Poland and Lithuania will involve authorities in their national reference groups. 261 / 500 characters	We will reach and engage our target groups by: - Including them as partners in our partnership (three authorities) - Establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations) 306 / 1,000 characters
2	Large enterprise Sectors: Forestry (mainly), Water management Countries: Sweden, Finland, Estonia, Latvia, Lithuania, Poland. (Estonia will be involed in sharing good examples of forest management, but not in the maps) 201 / 500 characters	We will reach and engage our target groups by: - Establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations) 238 / 1,000 characters
3	Small and medium enterprise Sectors: Forestry (mainly), Water management Country: Latvia. (Possibly also other countries depending on the final composition of our national reference groups). 162 / 500 characters	We will reach and engage this target groups by: - Including them as partners in our partnership (one forest enterprise) - Establishing national reference groups in each country (the process of establishing reference groups has already started and some are already in the partnership as associated organizations) 311 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
3.1	**Tranferring of methods and manuals**

WP 3 Group of activities 3.1

5.6.1 Group of activities leader

Group of activities leader PP 1 - Swedish Forest Agency

A 3.1

5.6.2 Title of the group of activities

Tranferring of methods and manuals

34 / 100 characters

5.6.3 Description of the group of activities

Target groups have already in WP1 and WP2 been introduced to the solutions (methods for producing maps, and manuals for how to use them), and have been involved in the work. Especially target groups who are partners (the three authorities, and Riga Forests), but also target groups who are represented in the national reference groups. In this work package we will:
- Make the methods for producing maps available for target groups in each country. This means a document with the method will be available in Sweden, Finland, Latvia. Possibly also in Lithuania and Poland.
- In the beginning of this work package present the final methods and final manuals for target groups at webinars or meetings in each country.
- Support the target groups (mainly authorities) when they start to implement the methods for producing maps.

By arranging webinars and meetings to present the methods for producing maps, and the manuals for how the maps can be used, we will encourage authorities and forest companies to use the methods to produce maps for large areas, or entire countries. After webinars and meetings we will help them to start using the methods for producing maps.

In the previous project WAMBAF Tool Box we learnt that it is sometimes easier to participate at internal meetings of the target group, than to invite them to webinars. We will do both, depending on needs and possibilities in each country.

1,406 / 3,000 characters

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

☐

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.1: Tranferring of methods and manuals					■	■

6. Indicators

Indicators

Output indicators

Output indicators	Total target value in number	Project outputs	Please explain how the solution presented in this output serves the target group(s).
RCO 84 – Pilot actions developed jointly and implemented in projects	2	N/A	N/A
RCO 116 – Jointly developed solutions	3	O.1.2: Report and videos of good examples of forest management	The report and the videos will share knowledge and experience of forest management between the BSR countries. The videos will inspire our target groups to improve forest management and mitigate negative impact on water quatlity, and adapt forests ot climate change. 265 / 1,000 characters
		O.2.1: Methods for producing maps	We will provide our target groups with methods for producing new types of maps, which are more detailed than traditionary maps and with better functionalities. The methods will help them to produce new detailed maps for large areas, or entire countries. The maps can then be used as planning tools in forestry to mitigate negative impact on water quality, and adapt forests to climate change. 392 / 1,000 characters
		O.2.2: Manuals for how to use the maps	The manuals will help our target groups to use the new maps, in order to mitigate negative impact on water qualtity, and adapt forests to climate change. 153 / 1,000 characters

Result indicators

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.
RCR 104 - Solutions taken up or up-scaled by organisations	3	Methods for producing maps: - National public authorities from at least Sweden, Finland and Latvia will use the methods to produce maps on large scale, possibly for the entire countries. - The forest company Riga Forests will use the methods to produce maps for their forest land. Manuals for how to use the maps: - National public authorities will use the manuals to give advice to forst companies how they can use the new maps to mitigate negative impact on water quality, and adapt forests to climate change. - The forest company Riga Forests will use the manuals in practice to mitigate negative impact on water quality, and adapt forests to climate change. Report and videos: - The videos and the report will be presented at internal meetings of all project partners, and shared to our national reference groups, in order to ensure they will be spread and well-known among our target groups. The videos and the report will serve as inspiration to improve forest management and mitigate negative impact on water quality, and adapt forests to climate change. 1,068 / 2,000 characters

Output indicators		Result indicators			
Output indicator	**Total target value in number**	**Result indicator**	**Total target value in number**	**Please describe what types of organisations are planned to actively participate in the project. Explain how this participation will increase their institutional capacity. These types of organisations should be in line with the target groups you have defined for your project.**	
RCO 87 - Organisations cooperating across borders	33	**PSR 1 - Organisations with increased institutional capacity due to their participation in cooperation activities across borders**	38	Project partners and associated organisations	Partners in the project will participate very actively by preparing and piloting the methods for producing maps, the manuals, and the videos. This will raise their institutional capacity and compentence about IT and forest management with focus on water quality. Three partners represent national public authorities, one partner represent a forest company, and one partner represent a private forest owner association. In addition, our target groups will be involved in national reference groups, which we will establish. The national reference groups include our associated organizations, and other organizations. Members of our national reference groups will be involved in preparation of the methods for producing maps, and the manuals, and the videos. This will raise their institutional capacity and compentence about IT and forest management with focus on water quality. Among associated organizations are for example forest companies. 942 / 1,500 characters
				Other organisations	In addition to our associated organizations, we will include more forest companies, authorities, and other organizations to our national reference groups. We expect to add at least 5 more organizations. As mentioned above, members of our national reference groups will be involved in preparation of the methods for producing maps, and the manuals, and the videos. This will raise their institutional capacity and compentence about IT and forest management with focus on water quality. 484 / 1,500 characters

7. Budget

7.0 Preparation costs

Preparation Costs

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

Other EU support of preparatory cost

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

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

No. & role	Partner name	Partner status	CAT0 - Preparation costs	CAT1 - Staff	CAT2 - Office & administration
1 - LP	Swedish Forest Agency	Active 22/09/2022	24,000.00	240,000.00	36,000.00
2 - PP	State limited Liability Company "Latvian Environment, Geology and Meteorology Centre"	Active 22/09/2022	0.00	100,000.00	15,000.00
3 - PP	Natural Resources Institute Finland	Active 22/09/2022	0.00	165,000.00	24,750.00
4 - PP	Swedish University of Agricultural Science	Active 22/09/2022	0.00	150,000.00	22,500.00
5 - PP	Lithuanian Research Centre for Agriculture and Forestry (LAMMC)	Active 22/09/2022	0.00	65,000.00	9,750.00
6 - PP	Riga forests	Active 22/09/2022	0.00	119,000.00	17,850.00
7 - PP	Forest Research Institute	Active 22/09/2022	0.00	131,000.00	19,650.00
8 - PP	Latvian State Forest Research Institute Silava	Active 22/09/2022	0.00	132,000.00	19,800.00
9 - PP	Finnish Forest Centre	Active 22/09/2022	0.00	149,000.00	22,350.00
10 - PP	Estonian Private Forest Union	Active 22/09/2022	0.00	25,000.00	3,750.00
11 - PP	Geological Survey of Finland	Active 22/09/2022	0.00	162,000.00	24,300.00
12 - PP	Southern Sweden Water Supply	Active 22/09/2022	0.00	41,000.00	6,150.00
Total			24,000.00	1,479,000.00	221,850.00

No. & role	Partner name	CAT3 - Travel & accommodation	CAT4 - External expertise & services	CAT5 - Equipment	Total partner budget
1 - LP	Swedish Forest Agency	36,000.00	18,000.00	0.00	354,000.00
2 - PP	State limited Liability Co	15,000.00	17,500.00	0.00	147,500.00
3 - PP	Natural Resources Institu	24,750.00	37,500.00	0.00	252,000.00
4 - PP	Swedish University of Agr	22,500.00	10,000.00	12,000.00	217,000.00
5 - PP	Lithuanian Research Cent	9,750.00	15,660.00	5,000.00	105,160.00
6 - PP	Riga forests	17,850.00	0.00	0.00	154,700.00
7 - PP	Forest Research Institute	19,650.00	33,500.00	12,000.00	215,800.00
8 - PP	Latvian State Forest Res	19,800.00	20,000.00	10,000.00	201,600.00
9 - PP	Finnish Forest Centre	22,350.00	18,500.00	0.00	212,200.00
10 - PP	Estonian Private Forest U	3,750.00	15,000.00	0.00	47,500.00
11 - PP	Geological Survey of Finl	24,300.00	10,000.00	10,000.00	230,600.00
12 - PP	Southern Sweden Water	6,150.00	10,000.00	0.00	63,300.00
Total		221,850.00	205,660.00	49,000.00	2,201,360.00

7.1.1 External expertise and services

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
4. Swedish Universi	Events/meetings	CAT4-PP4-A-0	Arranging workshop - physical meeting with the partnership (58 / 100 characters)	No	1.1 1.2 1.3	10,000.00
3. Natural Resource	Specialist support	CAT4-PP3-E-0	Video of forest and water management in Finland (47 / 100 characters)	No	1.2	5,000.00
3. Natural Resource	Specialist support	CAT4-PP3-E-0	Preparation of all videos, common visual, speaker voice etc. (60 / 100 characters)	No	1.2	5,000.00
3. Natural Resource	Events/meetings	CAT4-PP3-A-0	Travel and accommodation for external guests to workshops (57 / 100 characters)	No	1.1 1.2 1.3 2.1 2.2 3.1	5,000.00
3. Natural Resource	Communication	CAT4-PP3-C-0	Published material, communication etc. (38 / 100 characters)	No	1.1 1.2 1.3 2.1 2.2 3.1	2,500.00
3. Natural Resource	Specialist support	CAT4-PP3-E-0	Expert consulting on good examples for forest management and excursion arrangements (83 / 100 characters)	No	1.2	10,000.00
3. Natural Resource	Specialist support	CAT4-PP3-E-0	Compiling material for considering Hg in water protection and forest management (79 / 100 characters)	No	1.2 1.3	10,000.00
11. Geological Surv	Specialist support	CAT4-PP11-E-	IT consultants (14 / 100 characters)	No	1.1 2.1 3.1	10,000.00
9. Finnish Forest C	Events/meetings	CAT4-PP9-A-0	Arranging workshop - physical meeting with the partnership (58 / 100 characters)	No	1.1 1.2 1.3 2.1 2.2 3.1	10,000.00
	Total					205,660.00

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
9. Finnish Forest C	IT	CAT4-PP9-B-1	Computor power 14 / 100 characters	No	1.1 2.1	8,000.00	
9. Finnish Forest C	Communication	CAT4-PP9-C-1	Published material, communication etc. 38 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	500.00	
8. Latvian State For	Events/meetings	CAT4-PP8-A-1	Arranging workshop - physical meeting with the partnership 58 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	8,000.00	
8. Latvian State For	IT	CAT4-PP8-B-1	Data storage 12 / 100 characters	No	1.1 2.1 3.1	1,000.00	
8. Latvian State For	Specialist support	CAT4-PP8-E-1	Video of forest and water management in Latvia 46 / 100 characters	No	1.2	6,000.00	
8. Latvian State For	Events/meetings	CAT4-PP8-A-1	Travel and accommodation for external guests to workshops 57 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	5,000.00	
10. Estonian Privat	Events/meetings	CAT4-PP10-A-	Arranging workshop - physical meeting with the partnership 58 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	10,000.00	
10. Estonian Privat	Specialist support	CAT4-PP10-E-	Video of forest and water management in Estonia 47 / 100 characters	No	1.2	5,000.00	
7. Forest Research	Events/meetings	CAT4-PP7-A-1	Arranging workshop - physical meeting with the partnership 58 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	12,500.00	
	Total					205,660.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
7. Forest Research	IT	CAT4-PP7-B-1	Computor power 14 / 100 characters	No	1.1 2.1	10,000.00	
7. Forest Research	IT	CAT4-PP7-B-2	Data storage 12 / 100 characters	No	1.1 2.1 3.1	3,000.00	
7. Forest Research	Specialist support	CAT4-PP7-E-2	Video of forest and water management in Poland 46 / 100 characters	No	1.2	8,000.00	
2. State limited Liab	IT	CAT4-PP2-B-2	Computor power 14 / 100 characters	No	1.1 2.1	10,000.00	
2. State limited Liab	IT	CAT4-PP2-B-2	Data storage 12 / 100 characters	No	1.1 2.1 3.1	7,500.00	
5. Lithuanian Resea	Events/meetings	CAT4-PP5-A-2	Arranging workshop - physical meeting with the partnership 58 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	5,000.00	
5. Lithuanian Resea	IT	CAT4-PP5-B-2	Computor power 14 / 100 characters	No	1.1 2.1	3,800.00	
5. Lithuanian Resea	IT	CAT4-PP5-B-2	Data storage 12 / 100 characters	No	1.1 2.1 3.1	1,500.00	
5. Lithuanian Resea	National control	CAT4-PP5-F-2	Auditing of reports (decentrilazed system) 42 / 100 characters	No	N/A	3,360.00	
5. Lithuanian Resea	Specialist support	CAT4-PP5-E-2	Video of forest and water management in Lithuania 49 / 100 characters	No	1.2	2,000.00	
12. Southern Swed	Events/meetings	CAT4-PP12-A-	Arranging workshop - physical meeting with the partnership 58 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	10,000.00	
	Total					205,660.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
1. Swedish Forest	Events/meetings	CAT4-PP1-A-3	Arranging workshop - physical meeting with the partnership 58 / 100 characters	No	1.1 1.2 1.3 2.1 2.2 3.1	10,000.00	
1. Swedish Forest	Specialist support	CAT4-PP1-E-3	Video of forest and water management in Sweden 46 / 100 characters	No	1.2	8,000.00	
	Total					205,660.00	

7.1.2 Equipment

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
4. Swedish Universi	IT hardware and soft	CAT5-PP4-B-0	Computor 8 / 100 characters	No	1.1	2,000.00	
4. Swedish Universi	Laboratory equipmen	CAT5-PP4-D-0	Soil moisture probes - for development of dynamic wet area maps. 64 / 100 characters	No	1.1	10,000.00	
11. Geological Surv	Laboratory equipmen	CAT5-PP11-D-	Soil moisture probes - for development of dynamic wet area maps. 64 / 100 characters	No	1.1	10,000.00	
8. Latvian State For	Laboratory equipmen	CAT5-PP8-D-0	Soil moisture probes - for development of dynamic wet area maps. 64 / 100 characters	No	1.1	10,000.00	
7. Forest Research	Laboratory equipmen	CAT5-PP7-D-0	Soil moisture probes - for development of dynamic wet area maps. 64 / 100 characters	No	1.1	12,000.00	
5. Lithuanian Resea	Laboratory equipmen	CAT5-PP5-D-0	Soil moisture probes - for development of dynamic wet area maps. 64 / 100 characters	No	1.1	5,000.00	
	Total					49,000.00	

7.1.3 Infrastructure and works

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

7.2 Planned project budget per funding source & per partner

No. & role	Partner name	Partner status	Country	Funding source	Co-financing rate [in %]	Total [in EUR]	Programme co-financing [in EUR]	Own contribution [in EUR]	State aid instrument
1-LP	Swedish Forest Agency	Active 22/09/2022	SE	ERDF	80.00 %	354,000.00	283,200.00	70,800.00	For each partner, the State aid relevance and applied aid measure are defined in the **State aid section**
2-PP	State limited Liability Company "Latvian Environment, Geology and Meteorology Centre"	Active 22/09/2022	LV	ERDF	80.00 %	147,500.00	118,000.00	29,500.00	
3-PP	Natural Resources Institute Finland	Active 22/09/2022	FI	ERDF	80.00 %	252,000.00	201,600.00	50,400.00	
4-PP	Swedish University of Agricultural Science	Active 22/09/2022	SE	ERDF	80.00 %	217,000.00	173,600.00	43,400.00	
5-PP	Lithuanian Research Centre for Agriculture and Forestry (LAMMC)	Active 22/09/2022	LT	ERDF	80.00 %	105,160.00	84,128.00	21,032.00	
6-PP	Riga forests	Active 22/09/2022	LV	ERDF	80.00 %	154,700.00	123,760.00	30,940.00	
7-PP	Forest Research Institute	Active 22/09/2022	PL	ERDF	80.00 %	215,800.00	172,640.00	43,160.00	
8-PP	Latvian State Forest Research Institute Silava	Active 22/09/2022	LV	ERDF	80.00 %	201,600.00	161,280.00	40,320.00	
9-PP	Finnish Forest Centre	Active 22/09/2022	FI	ERDF	80.00 %	212,200.00	169,760.00	42,440.00	
10-PP	Estonian Private Forest Union	Active 22/09/2022	EE	ERDF	80.00 %	47,500.00	38,000.00	9,500.00	
11-PP	Geological Survey of Finland	Active 22/09/2022	FI	ERDF	80.00 %	230,600.00	184,480.00	46,120.00	
12-PP	Southern Sweden Water Supply	Active 22/09/2022	SE	ERDF	80.00 %	63,300.00	50,640.00	12,660.00	
Total ERDF						2,201,360.00	1,761,088.00	440,272.00	
Total						2,201,360.00	1,761,088.00	440,272.00	

7.3 Spending plan per reporting period

	EU partners (ERDF)		Total	
	Total	Programme co-financing	Total	Programme co-financing
Preparation costs	24,000.00	19,200.00	24,000.00	19,200.00
Period 1	330,000.00	264,000.00	330,000.00	264,000.00
Period 2	360,000.00	288,000.00	360,000.00	288,000.00
Period 3	370,000.00	296,000.00	370,000.00	296,000.00
Period 4	380,000.00	304,000.00	380,000.00	304,000.00
Period 5	380,000.00	304,000.00	380,000.00	304,000.00
Period 6	357,360.00	285,888.00	357,360.00	285,888.00
Total	2,201,360.00	1,761,088.00	2,201,360.00	1,761,088.00