



BIOBORD
PLATFORM



 **Interreg**
Baltic Sea Region



EUROPEAN UNION

EUROPEAN
REGIONAL
DEVELOPMENT
FUND

ConnectedByBiobord

Kick-off 15.10.2020

Riikka Kumpulainen

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9 PARTNERS ACROSS BSR

- PP1, Lead partner: JAMK University of Applied Sciences – Institute of Bioeconomy (FI)
- PP2: Krinova Incubator & Science Park (SWE)
- PP3: Vidzeme Planning Region (LV)
- PP4: Inland Norway University of Applied Sciences (NO)
- PP5: Institute for Environmental Solutions (LV)
- PP6: Tretorget Ltd. (NO)
- PP7: Stockholm Environment Institute Tallinn Centre (EE)
- PP8: The Paper Province economic association (SWE)
- PP9: Foundation for Education and Social Dialogue PRO CIVIS



CONNECTED BY BIOBORD

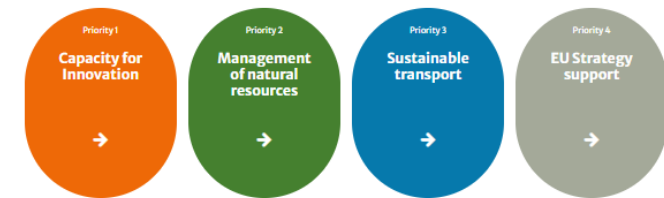
- Extension stage project for RDI2CluB-project
- 10/2020 – 06/2021
- 9 Partners across BSR
- Funded by European Development funding programme **Interreg Baltic Sea Region**
- Priority 1 '**Capacity for innovation**' that is dedicated to actions strengthening the ability of the Baltic Sea Region to create and commercialize innovation.
- **Flagship project** of The European Union Strategy for the Baltic Sea Region (EUSBSR) - Macro-regional Strategy in Europe in PA - Bioeconomy



INTERREG BALTIC SEA REGION

- The Interreg Baltic Sea Region Programme 2014-2020 **supports integrated territorial development and cooperation for a more innovative, better accessible and sustainable Baltic Sea region.**
- The Programme is an agreement between EU member states **Denmark, Estonia, Finland, Latvia, Lithuania, Poland, Sweden** and the **northern parts of Germany** as well as **partner countries Norway, Belarus and the northwest regions of Russia.**
- Programme is **funded by the European Union** and approved by the European Commission.

PRIORITIES



 **Interreg**
Baltic Sea Region



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EUSBSR

- The European Union Strategy for the Baltic Sea Region (EUSBSR) is the first **Macro-regional Strategy in Europe**.
- The Strategy is divided into **three objectives**, which represent the three key challenges of the Strategy: **saving the sea, connecting the region and increasing prosperity**. Each objective relates to a wide range of policies and has an impact on the other objectives.
- **To strengthen cooperation between the countries bordering the Baltic Sea** in order to meet the common challenges and to benefit from common opportunities facing the region.
- The EU member states involved in the EUSBSR are **Sweden, Denmark, Estonia, Finland, Germany, Latvia, Lithuania and Poland**. The Strategy is also welcoming cooperation with EU neighbouring countries (**Russia, Iceland, Norway and Belarus**).
- The EUSBSR is **implemented in concrete joint projects and processes**.



EUSBSR
EU STRATEGY
FOR THE BALTIC
SEA REGION

CHALLENGES

- Regional authorities and innovation actors in the BSR lack experience in implementing smart specialization strategies.
 - S3 strategy offers opportunity to differentiate with innovations according to the potential and needs of a region
 - Tool to respond green-transition and demographic change
- Limited number of actors and innovation infrastructure in the rural BSR
 - In order to build global competitiveness, it is essential for regions to unlock new global market opportunities
- Bioeconomy unfamiliar, especially among rural biobased business sector. Challenge to bring together relevant actors and develop regional bioeconomy.

The main target groups are the **bioeconomy triple helix actors of the regional innovation systems** - regional authorities, development and planning agencies, academic and research institutions, innovation support networks and clusters and enterprises – and the rural bioeconomy business sector – bioeconomy enterprises, SMES, rural entrepreneur groups & collectives as well as representatives of cluster and business support organizations.



RESPONSE

- Innovation support
 - Further development of joint action plan for implementing s3 strategy
 - Networking and co-developing tool, Biobord
 - Bioeconomy awareness raising
- Piloting transnational **innovation process** for open BSR bioeconomy network (WP 2)
 - Piloting the innovation **working methods** for transnational co-creation dialogue (WP3)



WP1: Management and Administration (PP1)

WP2: Piloting transnational innovation process for open BSR bioeconomy network (PP2)

WP3: Piloting the innovation working methods for transnational co-creation dialogue (PP9)

O3.1: Guide on the innovation process for transnational innovation ecosystems

O3.2: Upgraded Biobord Operating Model

O2.1: Joint Agenda for Food Innovation

O2.3: Publication on Bioeconomy Innovation Pilots

O2.2: Joint Agenda on Forest Innovation

TRANSNATIONAL INNOVATION CO-OPERATION

IMPROVED INNOVATION ECOSYSTEMS IN BSR

MORE VALUE IN BIOECONOMY SECTOR

HINDERING CLIMATE CHANGE AND DEPOPULATION



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WORK PACKAGE 3

GoA 3.1: Designing the innovation working methods for transnational co-creation dialogue

GoA 3.2: Extending Open Innovation Community of Biobord

PILOTING THE INNOVATION WORKING METHODS FOR TRANSNATIONAL CO-CREATION DIALOGUE

The aim of the WP3 is to **build capacity for transnational business-research co-creation dialogue with improved innovation working methods** for both **on-site and online** interaction in the Biobord-Network.

The working methods are tested in the transnational innovation pilots of WP2 and the collected feedback is analyzed and applied in WP3.

ConnectedByBiobord-project will **continue the further development of the online-platform, Biobord (output 3.2), as well as the operating model (output 3.1)**, which were originally created in the RDI2CluB-project.



GoA 3.1

DESIGNING THE INNOVATION WORKING METHODS FOR TRANSNATIONAL CO-CREATION DIALOGUE

PP2: Krinova as the GoA leader

PP1 JAMK, PP3 Vidzeme Planning Region, PP5 IES, PP6 Tretorget and PP9 PRO Civis.

Focus: to **guide the innovation process**

A3.1.1/3.1.2 Jointly agreed innovation method and facilitation practises M1

A3.1.3 Collection of preliminary innovation working methods, M2-M3

A3.1.3 Collection of preliminary innovation working methods, M2-M3

A3.1.4 Evaluation criteria, feedback collection method and analysis process for the assessment innovation working methods, M3

A3.1.5 Transnational workshop to reflect piloting, M7

A3.1.6 Innovation Guide = O3.1, M8-M9



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GoA 3.2

EXTENDING OPEN INNOVATION COMMUNITY OF BIOBORD

PP1 JAMK as the GoA leader

PP2 Krinova, PP6 Tretorget, PP7 SEI Tallinn,
PP8 Paper Province, PP9 PRO Civis

Focus: **facilitate the uptake of the Biobord in new partner regions.** In addition, the group is working together with the Biobord-staff for **building and activating the open online innovation community of Biobord.**

A3.2.1 Biobord training, M1

A3.2.2 Biobord Forum
facilitation, M2-M9

A3.2.3 Regional Innovation
Systems on Biobord, M3-M6

A3.2.4 Biobord feedback
collection, M6

A3.2.5 Possible updates
presented, M8

A3.2.6 Updating of Biobord
Operating Model = O 2.3



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WORK PACKAGE 2

GoA 2.1: Food Innovation Pilot

GoA 2.2: Forest Innovation Pilot

GoA 2.3: Technology Innovation Pilot

Joint Action Plan (JAP) is a document aiming to support smart, sustainable and inclusive growth in bioeconomy in rural regions. Created in RD12CluB-project.

PILOTING TRANSNATIONAL INNOVATION PROCESS FOR OPEN BSR BIOECONOMY NETWORK

Aim of the WP2 is to **pilot a transnational innovation process with pilot cases** identified **to strengthen the implementation of smart specialization strategies (S3)** in the RD12CluB partner regions.

- **The transnational innovation pilots respond to the Joint Action Plan** elaborated in RD12CluB
 - Transnational actions and measures to be implemented in a cross-regional partnership of at least two partners from two regions. **The Joint Action Plan is connected to the EU, EUSBSR, national and regional policies and strategies, aiming to promote application of the S3 in the regions.**

The partnership **aims to build co-creation dialogue between business and research with three pilots** that enable knowledge-building on the potential of bioeconomy in rural BSR **in line with the objectives and action areas of the Joint Action Plan.**

- The pilots include **exchange and co-creation of knowledge** on new technologies for data-based natural resources management and enhanced productivity and sustainability in forestry.
- The pilots **support knowledge building on new business models and value chains** in food production and forestry sector.
- Pilots **support the upgrading of innovation working methods**, enable the transnational networking of bioeconomy clusters and bioeconomy SMEs
- **Raise awareness** on bioeconomy in line with the Joint Action Plan

The WP2 pilots establish a strong basis for future transnational innovation co-operation initiatives implemented in BSR and EU scale.

The transnational working groups outline the joint agendas taking into consideration the input from the target groups, extended network resources, expertise and connections as well as outcomes of the transnational learning in the innovation process

GROUP OF ACTION (GoA) 2.1

FOOD INNOVATION PILOT

PP3: Vidzeme Planning Region as the GoA leader

PP1 (JAMK), PP2 (Krinova) and PP7 (SEI Tallinn)

Focus: **plant-based proteins** and **functional foods**

Food innovation pilot points the viability of cross-border co-creation working method for solving food-innovation challenges, testing the added value and of specific food-innovation challenges solving on multiple levels.

A3.1.1/3.1.2 Jointly agreed innovation method and facilitation practises M1

A2.1.1 Scope of the pilot M1

A2.1.2 Hackaton for business-derived challenge M5

A2.1.3 Further elaboration with SMEs M6

A2.1.4. Thematic analysis study M1-M8



A3.1.4 Feedback collection process introduced M3

A2.1.5 Feedback collection M4-M7

A2.1.6 Multiplier event FI, LV, EE, SWE in M8-M9

A2.1.7. V-blogs of results M5-M8

A2.1.8 JOINT FOOD AGENDA
M9 = O2.1



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GOA 2.2.

FOREST INNOVATION PILOT

PP6: Tretorget (NO) as the leader of the GoA

PP1 (JAMK), PP4 (INN) and PP8 (Paper Province)

Focus: exchange and co-creation of knowledge on **new technologies for data-based natural resources management** and enhanced productivity and sustainability in forestry. To solve **business-derived challenge**.

A3.1.1/3.1.2 Jointly agreed innovation method and facilitation practises M1

A2.2.1 Tehcnology analysis in SWE, NO , FI in M1-M2

A2.2.2 Orientation webinar for the reusults of technology analysis, M3

A2.2.3 Fiel experiment with remote sensing tools M5-M6 with GoA 2.3

A3.1.3 Collection of innovation models in M2-M3

A2.2.4 Transnational Innovation hackaton with SMEs and experts in M6

A2.2.5 Thematic analysis study

A3.1.4 Evaluation criteria, feedback collection method and analysis process for the assessment innovation working methods, M3

A2.2.6 Feedback collection on innovation methods M4-M7

A2.2.7 Results shared as v-blogs M5-M8

A2.2.8 Multiplier events in FI, NO, SWE in M6-M9

A2.2.9 JOINT FOREST AGENDA = O2.2



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GOA 2.3

TECHNOLOGY INNOVATION PILOT

PP5: Institute for Environmental Solutions as the GoA leader

PP1 (JAMK), PP4 (INN), PP9 (PL)

Focus: exchange and co-creation of knowledge on new technologies for data-based natural resources management and enhanced productivity. To solve business-derived challenge.

A3.1.1/3.1.2 Jointly agreed innovation method and facilitation practises M1

A2.3.1 Technology analysis M1-M3

A2.3.2 Transnational co-creation meetup, challenge defining. M3

A2.3.3 Joint technology testing in LV and NO. M3-4

A2.3.4 Digital learning material of the technology testing and demonstrating. M4-M7

A3.1.4 Evaluation criteria, feedback collection method and analysis process for the assessment innovation working methods, M3



A2.3.5 Feedback collection on innovation working methods, M4-M7

A2.3.6 Input for joint agendas of food and forest, M7-M8

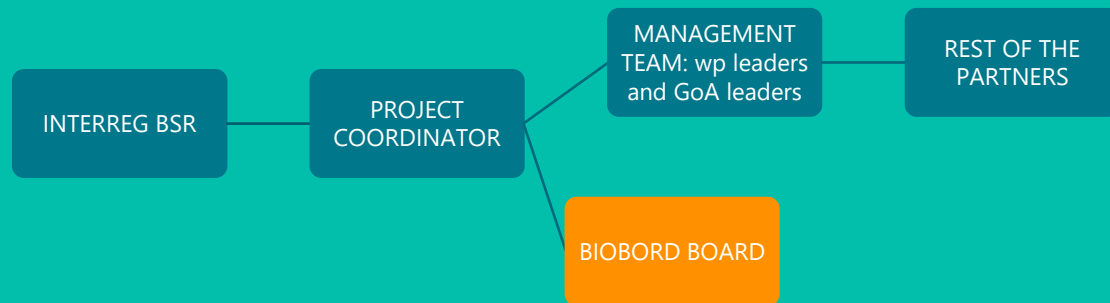
A2.3.7 Multiplier events in FI, LV, NO, PL, M6-M8

A2.3.8 Documentation of the results = Publication on Bioeconomy Innovation Pilots = O2.3

WORK PACKAGE 1

MANAGEMENT AND ADMINISTRATION, by Lead Partner PP1 JAMK

Project coordinator = Riikka Kumpulainen



- Progress reports: instructions, guidance, reporting for Interreg BSR
- Partnership agreement
- Overall surveillance of project implementation: responsibilities of partners, workplans etc.
- Budget flexibility
- Communication with Joint Secretary/Managing Author
- Leading of the Management team
- Quality assurance
- Project communication
- Kick-off and end-conference

TOOLS IN THE PROJECT

- 1) Biobord-platform and ConnectedByBiobord group for all internal communication and for saving and sharing materials
- 1) Zoom for video chats:
<https://jamk.zoom.us/my/biobord>



ASSOCIATED ORGANIZATIONS

- AO1 Nordic Council of Ministers
- AO2 Latvian High Added Value and Healthy Food Cluster
 - AO3 Finnish Forest centre/Metsäkeskus
- AO4 Starachowicki Inkubator Przedsiębiorstw
 - AO5 Norwegian Forestry Association
 - AO6 KSN Metsä Ltd
 - AO7 Vesannon Siemen Ltd
 - AO8 FeltGIS Ltd
 - AO 9 Sør-Hedmark Næringhage Ltd
 - AO 10 Silviforum Ltd
 - AO11 Sør-Østerdal Næringhage Ltd
 - AO12 Inno-UT Ltd
 - AO13 Region Värmland
 - AO14 The Swedish Forest Agency
- AO15 Pärnu County Development Centre
 - AO16 Food and Veterinary Service
 - AO17 State Forest Service



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LIFE AFTER PROJECT ?

- New projects established from joint agendas ?
- Biobord Network established to secure the network and longevity of the platform, Operating Model and Joint Action Plan
- Biobord-platform maintained by JAMK, until the end of 2025





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THANK YOU

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