

Interreg
Baltic Sea Region



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CIRCULAR ECONOMY

BioBoosters

HACKATHON AS A TOOL TO BOOST CIRCULAR TRANSITION — THE BIOBOOSTERS PROJECT

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HACKATHON MANAGER

WARSAW | 2023-04-27

<https://interreg-baltic.eu/project/bioboosters/>



FOUNDATION OF EDUCATION AND SOCIAL DIALOGUE "PRO CIVIS"

- **NGO ESTABLISHED IN 2007**
- **LOCATED IN KIELCE (PL)**
- **ASSOCIATED MEMBER OF BIC**
- **MAIN AREAS:**
 - ✓ CIRCULAR AND BIOECONOMY
 - ✓ SUSTAINABLE DEVELOPMENT
 - ✓ RENEWABLE ENERGY SOURCES
 - ✓ ECOLOGICAL INNOVATION
- **MAIN ACTIVITIES:**
 - ✓ FUNDAMENTAL RESEARCH, INDUSTRIAL RESEARCH, EXPERIMENTAL DEVELOPMENT
 - ✓ DISSEMINATION AND COMMERCIALIZATION OF THE R&D RESULTS
 - ✓ SUPPORTING ENTREPRENEURSHIP AND INNOVATIVENESS

FOUNDATION OF EDUCATION AND SOCIAL DIALOGUE "PRO CIVIS"



Rural RDI milieus in transition
towards smart Bioeconomy
Clusters and Innovation
Ecosystems



ConnectedByBiobord



Preparing the creation of Bio-
Based Education Centers to meet
industry needs and boost the
contribution of the bioeconomy to
societal challenges



Agricultural use of wastes and bio by products
as a link of the circular economy value chain:
Fertilisers derived from waste and by –
products as a source of nutrients for plants and
a factor for improving soil fertility



Experimental demo scale
biorefinery line suitable for
the Biomass Slow Thermal
Refining



BIOBOOSTERS

– BOOSTING CIRCULAR TRANSITION

DURATION 2023/01–2025/12

TOTAL BUDGET 2 790 000 €

EU FUNDING 2 230 000 €



18 Business-driven Hackathons will validate up to 70 solutions to circular transition challenges



20 international RDI and business co-operation projects initiated



500 specialists brought together to drive the circular transition of the bio-economy in the Baltic Sea Region

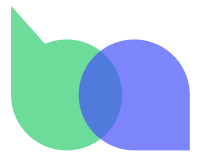


This *#MadeWithInterreg* project helps drive the transition to a green and resilient Baltic Sea region. Organisations from the following countries cooperate together to make that happen:

ESTONIA | FINLAND | GERMANY | LATVIA | LITHUANIA | POLAND | SWEDEN

<https://interreg-baltic.eu/project/bioboosters/>

jamk | bioeconomy



CENTRE OF BIOECONOMY
Estonian University
of Life Sciences

BioFuel Region™



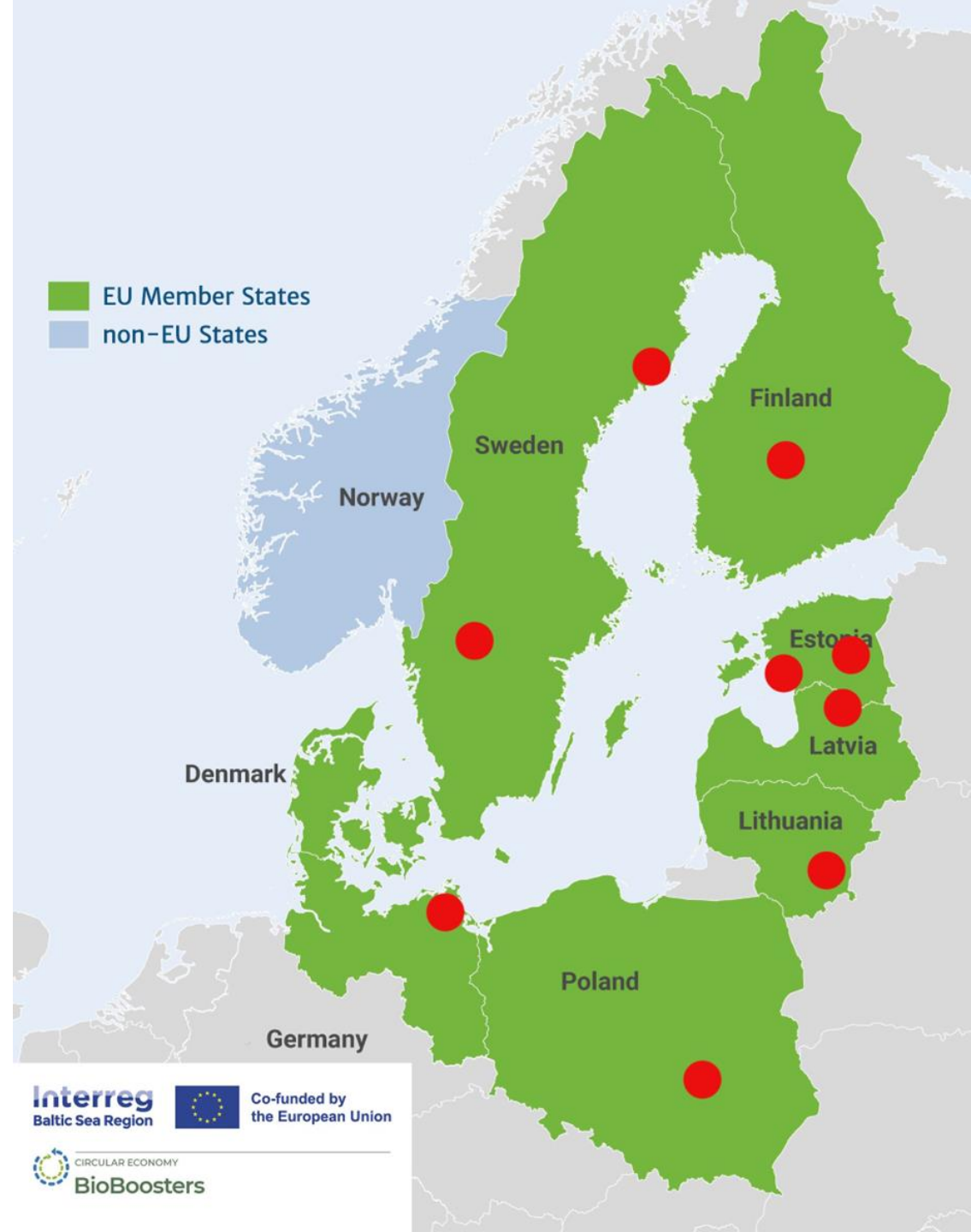
WITENO



PÄRNU COUNTY
DEVELOPMENT CENTRE



SUNRISE VALLEY
SCIENCE AND TECHNOLOGY PARK



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Target Groups



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What kind of challenges are we looking for?

COMPANY PARTNERS NEED TO HAVE:

1. **Business operations** in the Baltic Sea Region
2. Business operations in the **bioeconomy value chains**
3. A challenge in implementing a circular economy business model due to **lack of market-ready solutions**
4. A desire and opportunity to continue working with the winner of the Hackathon to **bring the new solutions to the market**

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Solution Providers

Direct dialogue with key staff of the potential client

Ability to assess the potential of the idea and needed next steps

Networking with other participants and experts

Professional **mentoring** for free, Learning how to sell our idea

Winners announced with **press release** and a social media campaign; later **impact story** shared in Hackathon platform and social media

Getting access to the closed LinkedIn group for 'Hackathon mentors and alumni

Mentors

Network building with relevant future-oriented innovators and learning companies

Learning and mentoring experience

Being promoted in LinkedIn in connection to the Hackathon posts

Getting access to the mentors community and closed LinkedIn group for 'Hackathon mentors and alumni'

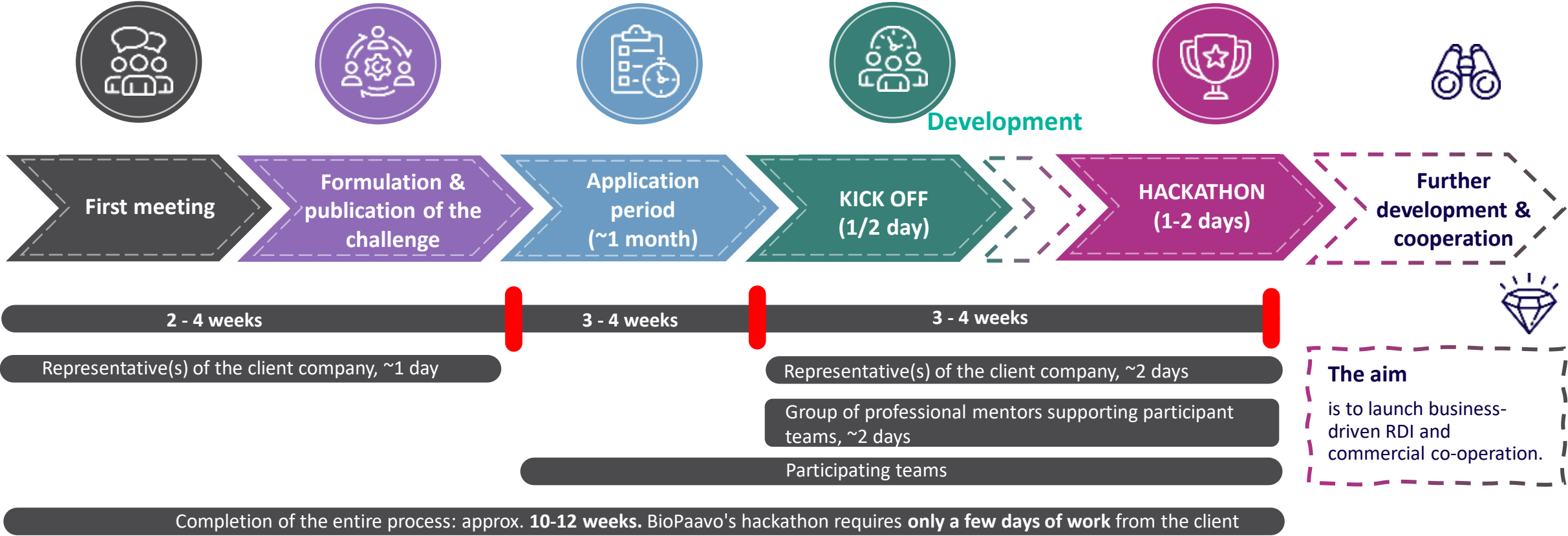
Interaction and co-learning with the challenge providers and solution providers

Professional and easy to use online platform

Timely delivered and focused guidance throughout the process with a contact person that responds quickly to arising questions

Hackathon Service Path

A turnkey service for companies to solve challenges related to the green transition and sustainability on an assignment basis




 Effortless and efficient service for mapping solutions and potential partners


 Out-of-box ideas and learning new perspectives on the challenge


 Experts' know-how and support for idea testing and commercialization


 Positive visibility for the sustainability mission, building employer brand

Examples of our customers

Biobased Materials



BERNER
SIPARILA



YIT

Circular Economy, Recycling of Nutrients



SAVOTTA
dINEX
MAASEUTUVERKOSTO



Humuspehtoori
maasi parhaaksi

Digitalization, New Business Models



kemira
VALTRA

NEOVA
Data Space Europe

Sustainable Solutions



Gasum
ALVA
KESKIMAA

the GasumHackathon

- Nordic energy company Gasum
- The purpose: to find a partner with near commercial solutions and interest to take the lead in creating value from the biogenic CO₂ produced as a side stream at Gasum's biogas plants in Finland and Sweden

"The competition has been very exciting and interesting, and the level of the entrants and their solutions was very high. We decided on Carbonaide and Inherit Carbon Solutions as the winners because they had clear value propositions based on carbon reduction, potential fast implementation and good pitches"

"However, because of the high quality of all participants, Gasum is willing to continue discussions with all participating teams"

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jamk

➤ **1st round of hackathons starts in SEP 2023**

➤ **Schedule of hackathons:**

- JAMK University of Applied Sciences, Central-Finland
- The Paper Province economic association, Sweden, Karlstad
- Biofuel Region BFR AB, Sweden, Västerbotten
- Vidzeme Planning Region, Latvia, Vidzeme
- Estonian university of life sciences, Estonia, Tartu
- Witenö, Germany, Mecklenburg-Vorpommern
- Pärnu County Development Centre, Estonia, Pärnu
- **The Foundation for Education and Social Dialogue (PRO CIVIS), Poland, Świętokrzyskie – **SPRING 2024****
- Sunrise Valley Science and Technology Park, Lithuania, Vilnius



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CONTACT INFORMATION

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