

EEA FM 2014-2020 Baltic Research Programme (BRP)

- Main goal – to **enhance research performance of the Baltic States** at the international level and **increase cooperation** between the Baltic states and EEA countries (Norway, Iceland, Liechtenstein)
- **28 research projects** on prioritised topics with a total budget of € 23 million, implemented through international cooperation by 30 April 2024

BRP projects that are thematically relevant to the EU missions



CANCER MISSION – 3 projects

- EE-RESEARCH-0008 **Towards elimination of cervical cancer: intelligent and personalised solutions** for cancer screening (University of Tartu, Cancer Registry of Norway, Rīga Stradiņš University, Lithuanian University of Health Sciences)
- LT-RESEARCH-0002 **Inhibition of AHR signalling in pancreatic cancer to increase susceptibility to PD-1/PD-L1 inhibitors and chemotherapy via ELAVL1 pathway** (Lithuanian University of Health Sciences, University of Oslo, Latvian Institute of Organic Synthesis (LV) and University of Tartu (EE))
- LV-RESEARCH-0006 **Exploring the molecular mechanisms behind the effects of physical exercise on breast cancer prevention (CancerBeat)** (Latvian Biomedical Research and Study Centre, Oslo University Hospital, Latvian Academy of Sport Education (LV), National Cancer Institute (LT), National Institute of Chemical Physics and Biophysics (EE))



CLIMATE ADAPT AND CITIES MISSION - 8 projects



- EE-RESEARCH-0009 **Sustainable use of soil resources in the changing climate (SUCC)** (University of Tartu, Arctic University/University of Tromsø, Research Centre of Agriculture and Forestry, 3rd partners - University of Copenhagen and LUKE)
- LT-RESEARCH-0001 **NOBALwheat – breeding toolbox for sustainable food system of the NOrdic BALtic region** (Lithuanian Research Centre for Agriculture and Forestry, Norwegian University of Life Sciences (NMBU), Estonian Crop Research Institute (EE), Institute of Agricultural Resources and Economics (LV), University of Tartu (EE))
- LV-RESEARCH-0008 **Improving adaptability and resilience of perennial ryegrass for safe and sustainable food systems through CRISPR-Cas9 technology - EditGrass4Food** (University of Latvia, Norwegian University of Life Sciences (NMBU), Lithuanian Research Centre for Agriculture and Forestry (LT), Tallinn University of Technology (EE))

- EE-RESEARCH-0010 **Optimised Residential Battery Energy Storage Systems (ORBES)** (Tallinn University of Technology, Norwegian University of Science and Technology, Kaunas University of Technology, Riga Technical University, 3rd partners - CTC/UNINOVA and University of Extremadura)
- EE- RESEARCH-0012 **Solutions to current and future problems on natural and constructed shorelines, eastern Baltic Sea (SolidShore)** (Tallinn University of Technology, Norwegian University of Science and Technology, Klaipeda University, Institute of Aquatic Ecology)
- EE-RESEARCH-0013 **Novel high-performance polymers from lignocellulosic feedstock (GreenPolymers)** (University of Tartu, Norwegian University of Science and Technology, Vilnius University)
- LV-RESEARCH-0015 **Promoting collaboration for sustainable and circular use of bioresources across agriculture, forestry, and aquaculture (CIRCLE)** (Baltic Studies Centre, Institute of Agricultural Resources and Economics, Institute for Rural and Regional Research RURALIS, Estonian University of Life Sciences, Vilnius University)
- LV-RESEARCH-0009 **Aluminum in circle economy - from waste through hydrogen energy to alumina (AliCE-Why)** (Institute of Solid State Physics, Lithuanian Energy Institute, University of Iceland, Taeknisetur (IceTec))



SOIL MISSION – 5 projects

- EE-RESEARCH-0009 **Sustainable use of soil resources in the changing climate (SUCC)** (University of Tartu, Arctic University/University of Tromsø, Research Centre of Agriculture and Forestry, 3rd partners - University of Copenhagen and LUKE)
- EE- RESEARCH-0012 **Solutions to current and future problems on natural and constructed shorelines, eastern Baltic Sea (SolidShore)** (Tallinn University of Technology, Norwegian University of Science and Technology, Klaipeda University, Institute of Aquatic Ecology)
- LT-RESEARCH-0001 **NOBALwheat – breeding toolbox for sustainable food system of the NOrdic BALtic region** (Lithuanian Research Centre for Agriculture and Forestry, Norwegian University of Life Sciences, Estonian Crop Research Institute (EE), Institute of Agricultural Resources and Economics (LV), University of Tartu (EE))
- LV-RESEARCH-0008 **Improving adaptability and resilience of perennial ryegrass for safe and sustainable food systems through CRISPR-Cas9 technology - EditGrass4Food** (University of Latvia, Norwegian University of Life Sciences, Lithuanian Research Centre for Agriculture and Forestry (LT), TalTech (EE))
- LV-RESEARCH-0009 **Aluminium in circle economy - from waste through hydrogen energy to alumina (AliCE-Why)** (Institute of Solid State Physics, University of Latvia, University of Iceland, Innovation Centre Iceland, Lithuanian Energy Institute)



OCEAN MISSION – 1 project

- EE-RESEARCH-0012 **Solutions to current and future problems on natural and constructed shorelines, eastern Baltic Sea (SolidShore)** (Tallinn University of Technology, Norwegian University of Science and Technology, Klaipeda University, Institute of Aquatic Ecology)

Our contribution to the Mission events organised in 2023 by RCN and other EEA and Norway Grants programmes

Our researchers have participated in the Mission events, sharing their knowledge and expertise as a result of research conducted within the BRP project, for example:

- Prof Anneli Uusküla (University of Tartu) gave a presentation on cervical cancer screening and its prevention at an event dedicated to the Cancer Mission organised by UEFISCDI in Bucharest on 14-15 February 2023
- Prof Aija Linē (Latvian Biomedical Research and Study Centre) gave a presentation on exploring the molecular mechanisms behind the effects of physical exercise on breast cancer prevention at an event dedicated to the Cancer Mission organised by UEFISCDI in Bucharest on 14-15 February 2023
- Researcher Ainārs Knoks (Institute of Solid State Physics) gave a speech on his group's expertise for a mission project at the elevator pitch session of an event dedicated to the Climate Adapt and Cities Mission organised by NCBR in Warsaw on 21-22 November 2023

Our programme managers have mediated information about projects carrying out research in mission-related thematic areas and shared their knowledge and experience from the missions to the participants of the event as well.