

The Ministry of Agriculture of The Republic of Lithuania: Participation in agriculture scientific initiatives and projects

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The Ministry of Agriculture of Succor Lithuania

- Contributes to the development of the sector by financing:
 - national and international research projects
 - organizing the selection and funding collaborative science and business projects (European Innovation Partnerships)
 - coordinates knowledge dissemination and advisory measures to provide farmers with new knowledge and the latest trends in the sector

The Ministry of Agriculture of Lithuania is involved in:

- **International agriculture research politics initiatives, programs and projects.** The intention is to bring countries together to find ways to grow more food without growing greenhouse gas emissions:
 - Aim for Climate
 - Global Research Alliance
 - FACCE
 - BIOEAST
 - OECD
 - SCAR
- Funding of Research projects:
 - National
 - Regional (Nordforsk)
 - International (ERA-NETs)

The Ministry of Agriculture of Lithuania – participation in international agriculture research politics initiative

- **Aim for Climate** – joint initiative by the United States and the United Arab Emirates seeking to address climate change and significantly increase investment in climate-smart agriculture and food systems innovation.
- **Global Research Alliance** – initiated by New Zealand, launched in December 2009, with more than 60 countries from all regions of the world
- **FACCE JPI** – Joint Programming Initiative on Agriculture, Food Security and Climate Change promoting the integration and alignment of national research resources in Europe under a common research strategy.
- **BIOEAST** – Central–Eastern European initiative for knowledge-based agriculture, aquaculture and forestry in the bioeconomy
- **OECD** – Agriculture research program
- **SCAR** – The Standing Committee on Agricultural Research

Soil related research projects funded by The Ministry

- **National research project selected by The Ministry and external experts and funded by The Ministry (examples of the most recent projects):**
 - Demonstrating climate change mitigation potential in nutrient-rich organic soils by establishing a research-based national greenhouse gas (GHG) emissions in lowland peat house (2020–2022)
 - Evaluation and preparation of industrial hemp products as accumulators of organic carbon in long-term products and soil for their application in accordance with the IPCC methodology for GHG accounting (2020–2022)
 - Residue analysis of glyphosate and its degradation products in soil and cereals and their degradation time (2019–2022)
 - Assessment of soil quality condition in Lithuania and its development of a methodology and model for monitoring soil quality change (2019–2022)

Soil related research projects funded by The Ministry

- International projects are funded by The Ministry together with other European funding institutions (ministries and agencies).
- ERA-NET FACCE SURPLUS 3rd Call (Sustainable and resilient agriculture for food and non-food systems)
 - **Project funded: Biofortified and climate -resilient food and fodder production on marginal soils (BioFoodOnMars) (2022–2023)**
 - Projects partners:
 - Estonian University of Life Sciences (leader)
 - Lithuania (Lithuanian Research Center for Agriculture and Forestry)
 - Poland (Warsaw University of Life Sciences)
 - France (INRA),
 - Germany (Helmholtz Zentrum Muenchen)

Other international research projects funded by The Ministry together with other countries funding institutions

- ERA-NET SUSFOOD2
 - Disaggregation of conventional vegetable press cakes by novel techniques to receive new products and to increase the yield (DISCOVERY) 2018–2021
- Joint ERA-NET FACCE ERA-GAS, SusAn in ICT AGRI2 call (2018 m.)
 - Climate-friendly cattle farming systems (CCCfarming) (Lithuanian University of Health Sciences) 2019–2022
- ERA-NET ICRAD
 - Development and evaluation of a rapid diagnostic test for caprine viral arthritis-encephalitis (OAE) (CAE-RAPID) 2021–2023
- ERA-NET SUSAN
 - Intra-breed and inter-breed biodiversity of European green dairy cattle - conservation through use. Lithuanian University of Health Sciences (ReDiverse)

Ongoing calls for international projects

- NORDFORSK“ - Sustainable Agriculture and Climate Change;
- The European Joint Program “EJP SOIL – Towards climate-smart sustainable management of agricultural soils”
- „ICRAD“ – International coordination of research on infectious animal diseases
- „FACCE- JPI“– SusCrop Call on Agrobiodiversity

Future Horizon Europe 2021-2027

- **European partnerships related with agriculture important for Lithuania**
 - Accelerating Farming Systems Transitions
 - Safe & Sustainable Food System
 - Agriculture of Data
 - Animal Health & Welfare

Thank you

