

ASU MAIN INTERNATIONAL PROJECTS 2017



Horizon 2020 – the Framework Programme for Research and Innovation (2014–2020)

- **Smart Forwarder for sustainable and efficient forest operation and management** (FORWARDER2020), 2016–2019, coordinator Hohenloher Spezial-Maschinenbau GmbH & Co. KG (Germany); ASU supervisor assoc. prof. dr. Remigijus Zinkevičius (Faculty of Agricultural Engineering, Institute of Energy and Biotechnology Engineering).

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<https://www.forwarder2020-project.eu/>

- **Alternative models and robust decision-making for future forest management** (ALTERFOR), 2016–2020, coordinator Swedish University of Agricultural Sciences (Sweden), ASU supervisor prof. dr. Gintautas Mozgeris (Faculty of Forest Sciences and Ecology, Institute of Forest Management and Wood Science).

Contact: gintautas.mozgeris@asu.lt

<https://www.alterfor-project.eu/>

- **Optimising the management and sustainable use of forest genetic resources in Europe** (GENTREE), 2016–2020, coordinator French National Institute for Agricultural Research (France), ASU supervisor prof. dr. Darius Danusevičius (Faculty of Forest Sciences and Ecology, Institute of Forest Biology and Silviculture).

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<http://www.gentree-h2020.eu/>

- **Distributed, integrated and harmonised forest information for bioeconomy outlooks** (DIABOLO), 2015–2018, coordinator Natural Resources Institute Finland (Finland); ASU supervisor assoc. prof. dr. Edmundas Petrauskas, representative PhD student Gintaras Kulbokas (Faculty of Forest Sciences and Ecology, Institute of Forest Management and Wood Science, Institute of Environment and Ecology).

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<http://diabolo-project.eu/>

- **Researchers' Night: It's Your Friday to Discover!** (LT2016), 2016–2017, coordinator Baltic Institute of Advanced Technology (Lithuania), ASU supervisor dr. Rasa Pranskūnienė (ASU Museum).

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<http://tyrejunaktis.lt/naujienos/>



- **Mixed species forest management. Lowering risk, increasing resilience** (REFORM), 2017–2020, No. S-SUMFOREST-17-1 (M-05-01/17), EU FP7 ERA-NET, SUMFOREST. ASU coordinator prof. dr. Gediminas Brazaitis (Faculty of Forest Sciences and Ecology, Institute of Forest Biology and Silviculture).

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<http://www.agence-nationale-recherche.fr/Project-ANR-16-SUMF-0003>

- **Information and Communication Technologies and Robotics for Sustainable Agriculture** (ICT-AGRI-2), 2014–2017, No. 618123, coordinator Styrelsen for Forskning og Innovation (Denmark), ASU coordinator assoc. prof. dr. Sigitas Petkevičius (Faculty of Agricultural Engineering, Institute of Agricultural Engineering and Safety).

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<http://ict-agri.eu/>



- **DairyCare**, 2015–2018, FA1308, coordinator University of Copenhagen (Denmark), ASU representatives: prof. dr. Vigilijus Jukna, prof. dr. Rolandas Bleizgys et al. (Faculty of Agricultural Engineering, Institute of Energy and Biotechnology Engineering, Faculty of Agronomy, Institute of Agricultural and Food science). **Contact:** vigilijus.jukna@asu.lt

<http://www.dairyreaction.org/>

- **Understanding and controlling nano and mesoscale friction**, 2015–2017, MP1303, coordinator University of Milan (Italy), ASU representatives: prof. dr. Juozas Padgurskas, assoc. prof. dr. Raimundas Rukuiža et al. (Faculty of Agricultural Engineering, Institute of Power and Transport Machinery Engineering).

Contact: juozas.padgurskas@asu.lt

<http://www.nanofriction.org/>

- **Sustainable pollination in Europe – joint research on bees and other pollinators** (SUPER-B), 2014–2018, FA1307, coordinator Naturalis Biodiversity Center (Netherlands), ASU representatives: dr. Romualdas Zemeckis, assoc. prof. dr. Anželika Dautartė (Faculty of Forest Sciences and Ecology, Institute of Environment and Ecology).

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<http://www.superb-project.eu/>

- **European network on ecological functions of trace. Metals in anaerobic biotechnologies.** 2013–2017, ES1302, coordinator Instituto de la Grasa (Spain), ASU representatives: prof. dr. Valdas Paulauskas, assoc. prof. dr. Ernestas Zaleckas (Faculty of Forest Sciences and Ecology, Institute of Environment and Ecology).

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http://www.cost.eu/COST_Actions/essem/ES1302

- **Orchestrating Forest-related Policy Analysis in Europe** (ORCHESTRA), 2013–2017, FP1207, coordinator Finnish Forest Research Institute (Metla) (Finland), ASU representative lect. dr. Marius Kavaliauskas (Faculty of Forest Sciences and Ecology, Institute of Forest Management and Wood Science).

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http://www.cost.eu/COST_Actions/fps/FP1207



- **Water emissions and their reduction in village communities – villages in Baltic Sea Region as pilots** (VillageWaters), 2016–2019, coordinator Natural Resources Institute Finland (LUKE) (Finland), ASU coordinator prof. dr. Laima Česonienė (Faculty of Forest Sciences and Ecology, Institute of Environment and Ecology).

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<https://www.villagewaters.eu/>

- **Optimal catch crop solutions to reduce pollution in the transboundary Venta and Lielupe river basins** (CATCH POLLUTION), 2017–2019, LLI-49, Coordinator: Center for Environmental Policy (AAPC) (Lithuania), ASU coordinator prof. dr. Vaclovas Bogužas (Faculty of Agronomy, Institute of Agroecosystems and Soil Science).

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<http://latlit.eu/li-49-optimal-catch-crop-solutions-to-reduce-pollution-in-the-transboundary-venta-and-lielupe-river-basins/>

Other international projects:

- **Integrated effect of climate and other environmental stresses on forest capacity to adapt to and mitigate the main threats of global changes**, 2016–2018, (No. M-06-01/16), contract with Technical University of Munich (Germany), ASU coordinator prof. dr. Algirdas Augustaitis (Faculty of Forest Sciences and Ecology, Institute of Forest Management and Wood Science).

Contact: algirdas.augustaitis@asu.lt

- **Raising awareness about the role of math skills in building specialists' competence for sustainable development of society**, 2016–2017, No. F-06-47/16, ASU coordinator assoc. prof. dr. Daiva Rimkuvienė (Centre of Mathematics, Physics and Information Technologies).

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