



Administration of Studies  
and Research  
Republic of Latvia

**Latvian State Forest Research Institute "Silava"**

Project Title: Development and evaluation of biomass models for assessment of carbon stocks in grey alder and common alder forests in Latvia  
Project Coordinator: Kaspars Liepiņš  
Project No. lzp-2018/2-0090  
Funding: 198 154 EUR

Project Title: Reduction of wind storm damage risk in private forest management  
Project Coordinator: Āris Jansons  
Project No. lzp-2018/2-0349  
Funding: 196 996 EUR  
In cooperation with: Latvia University of Life Sciences and Technologies

Project Title: Investigations on the role of *Phlebiopsis gigantea* in restricting vegetative spread of *Heterobasidion* spp. in stumps of Norway spruce and Scots pine  
Project Coordinator: Tālis Gaitnieks  
Project No. lzp-2018/1-0431  
Funding: 269 613 EUR

Project Title: Interaction of microbial diversity with methane turnover and mercury methylation in organic soils  
Project Coordinator: Zane Lībiete  
Project No. lzp-2018/1-0434  
Funding: 299 724 EUR

**Riga Technical University**

Project Title: Wood Mimicking Biocomposites  
Project Coordinator: Sergejs Gaidukovs  
Project No. lzp-2018/1-0136  
Funding: 295 908 EUR  
In cooperation with: Latvian State Institute of Wood Chemistry

Project Title: Integrated CO<sub>2</sub> biofilter and microalgae biomass production technology for biogas plants using novel Stacked Modular Open Raceway Pond approach (SMORP)  
Project Coordinator: Francesco Romagnoli  
Project No. lzp-2018/1-0232  
Funding: 255 085 EUR

Project Title: Bioresource Value Model (BVM)  
Project Coordinator: Anna Kubule  
Project No. lzp-2018/1-0426  
Funding: 285 000 EUR

**Institute of Agricultural Resources and Economics**

Project Title: Genetically diverse populations of self-pollinating cereals for organic farming: agronomic performance, effect of environment, and improvement techniques  
Project Coordinator: Linda Legzdina  
Project No. lzp-2018/1-0404  
Funding: 269 574 EUR



# State Funded Fundamental and Applied Research Projects Related to Bioeconomy Strategies

**University of Latvia**

Project Title: Oxygen-resistant and thermotolerant *Zymomonas mobilis* respiratory mutants  
Project Coordinator: Uldis Kalnenieks  
Project No. lzp-2018/2-0123  
Funding: 200 000 EUR

Project Title: Properties and structure of peat humic substances and possibilities of their modification  
Project Coordinator: Māris Kļaviņš  
Project No. lzp-2018/1-0009  
Funding: 280 578 EUR

Project Title: Development and characterization of genome-edited blueberry (*Vaccinium corymbosum* L.) cultures for production of high-value secondary metabolites  
Project Coordinator: Nils Rostoks  
Project No. lzp-2018/1-0101  
Funding: 300 000 EUR

**Institute of Food Safety, Animal Health and Environment "BIOR"**

Project Title: Impact of zoonosis Q-fever on reproduction of dairy cattle and solutions for the disease control and sustainable use of animals  
Project Coordinator: Lelde Grantiņa-Ieviņa  
Project No. lzp-2018/2-0109  
Funding: 200 000 EUR  
In cooperation with: Latvia University of Life Sciences and Technologies

Project Title: Whole genome-based characterization of environmental *Listeria* spp. and their role in ruminant listeriosis and public health  
Project Coordinator: Aivars Bērziņš  
Project No. lzp-2018/2-0361  
Funding: 198 910 EUR

**Latvian State Institute of Wood Chemistry**

Project Title: Forest industry by-product transformation into valuable bio-polyols using advanced heterogeneous phase biocatalyst and characterization of the process kinetics (FORinPOL)  
Project Coordinator: Uģis Cābulis  
Project No. lzp-2018/2-0020  
Funding: 195 900 EUR

**Baltic Studies Centre**

Project Title: Social Innovation in Food Provision: Pathways to Sustainable Production and Consumption  
Project Coordinator: Tālis Tisenkopfs  
Project No. lzp-2018/1-0344  
Funding: 299 100 EUR

