



Estonians in FP7 & H2020 bioeconomy calls

Argo Soon
Health NCP in Estonia



Bioeconomy in 7FP

KBBE – Knowledge Based BioEconomy:

- Plant breeding
- Animal breeding
- Forestry
- Fishery
- Food production
- Biotechnology in life sciences

Bioeconomy in Horizon 2020

SC2 – Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy:

- SFS – Sustainable Food Security
- BG – Blue Growth
- RUR – Rural Renaissance
- BB – Bio-Based Innovation

Estonians in 7FP & Horizon 2020

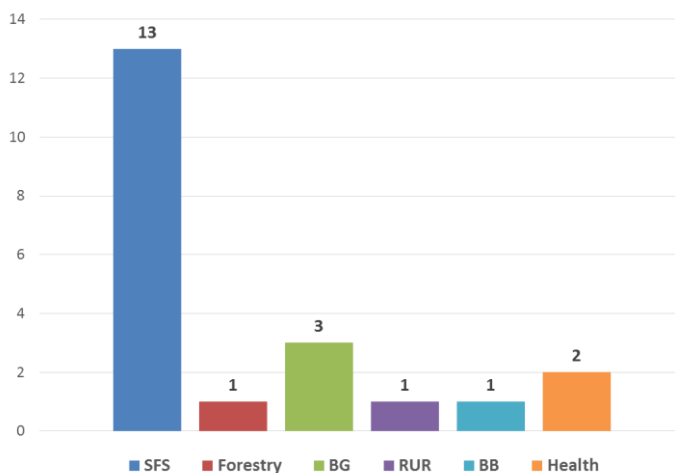
FP7 KBBE:

- 110 proposals and 28 projects
- 37% of Estonian participants are SMEs

Horizon 2020 SC2 2014 and 2015 calls:

- 27 proposals and 5 projects
- 18% of Estonian participants are SMEs

Estonians in 7FP: favourite topics



Pure BB innovation project

[KBBE 2007: DISCO](#)

Targeted DISCOvery of novel cellulases and hemicellulases and their reaction mechanisms for hydrolysis of lignocellulosic biomass

Biogold OÜ

Who are the players?

- Universities
 - Estonian University of Life Sciences
 - University of Tartu
 - Tallinn University of Technology
- SMEs
 - 50 in proposals
 - 20 in projects
- Governmental institutions
- Non-profit organisations

Recent news

National program ASTRA:

5,5 million euros to Estonian University of Life Sciences

To promote research and teaching of bioeconomy

Experiences through evaluation

Evaluators are sought for an ERA-Net call on „Bio-based energy“

- no salary offered
- experience - yes

Key words: Agricultural residues; Aquatic biomass; Bagasse; Bio-based processes; Biochemical conversion; Biogas; Biorefineries; Clean fuels; Combustion; Domestic waste; Engines; Formulations; Fuel cells ; Heat generation; Industrial waste; Liquid biofuels; Modeling; New engine technologies; Organic waste; Power generation; Solid biofuels; Stover; Straws; Thermochemical conversion; Transport; Wood biomass.