

Bio4Fuels 2th of November

Trond Værnes

The Energy Department

Our instruments funding biofuels

- Centres for Environment- friendly Energy Research
 - www.bio4fuels.no
- Research facilities- laboratories, equipment and databases
 - www.norbiolab.no
- The Energy Programme ENERGIX
 - google energix

ENERGIX – Main Application Types

- Innovation Project for Industrial Sector (IPN)
 - 4 projects running by industry cooperating with institutes and universities within **biogas**
 - Food waste, aquaculture waste, manures, sludge
 - End use is vehicle fuel
 - Biogas may also be a bridge to vehicle fuel from forestry residues
- Knowledge-Building Project for Industry
 - 2 project running from PFI and Sintef
 - Gasification and FT-Synthesis of Lignocellulosic Feedstocks, and Fuels for shipping
 - Holmen, AT Biovarme, Statkraft, Avinor, Treklyngen, Johnson Matthey
- Cooperation with Enova and Innovation Norway

Researcher Project

Basic research and technology

- 7 projects are running (4 new in 2017)
- Bio4Fuels partners are leaders and co leaders
Covering all thematic areas of Bio4Fuels
- They are a platform to strengthen Bio4Fuels
- 10 applications this autumn
- The science technology link are very good in most applications

Challenges

- Bio4Fuels should be a platform and arena creating more Knowledge-Building Project for Industry in the ENERGIX portfolio
- Keep the good “science and technology” momentum and create more excellent projects
- Contribute to overall stable governmental financing
- ENERGIX portfolio should be so strong that Bio4Fuels can concentrate to fulfill its concept being an Innovation Center with strong R&D