FLEXI-GREEN FUELS

Hochschule Bremerhaven

SUSTAINABLE PLACES 2022
Sep. 6 - Sep. 9, 2022 | Nice, France

Flexible and resilient integrated biofuel processes for competitive production of green renewable jet and shipping fuels

Axel GOTTSCHALK
Bremerhaven University of Applied Sciences
Germany

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101007130

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Project

- RIA to TRL3/4 | 4 M€ EC funding | 2021-2023
- 13 beneficiaries:

AALBORG UNIVERSITY DENMARK

Hochschule Bremerhaven

ARISTOTLE UNIVERSITY OF THESSALONIKI

LULEÅ TEKNISKA UNIVERSITET

Universität Rostock Traditio et Innovatio

KIT Karlsruhe Institute of Technology

SUPREN Sustainable Process Engineering

ENORM

SIEMENS Gamesa RENEWABLE ENERGY

GreenLab skive

Hulteberg CHEMISTRY & ENGINEERING

KIRAM

DLR

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Superior Objective

- To develop a sustainable biorefinery process
- To utilize 100% renewable and sustainable resources
- To combine different technologies
- To produce several fuels and valuable by-products
- To result in significant GHG emission reductions
- To achieve an economically attractive process
- To generate new jobs

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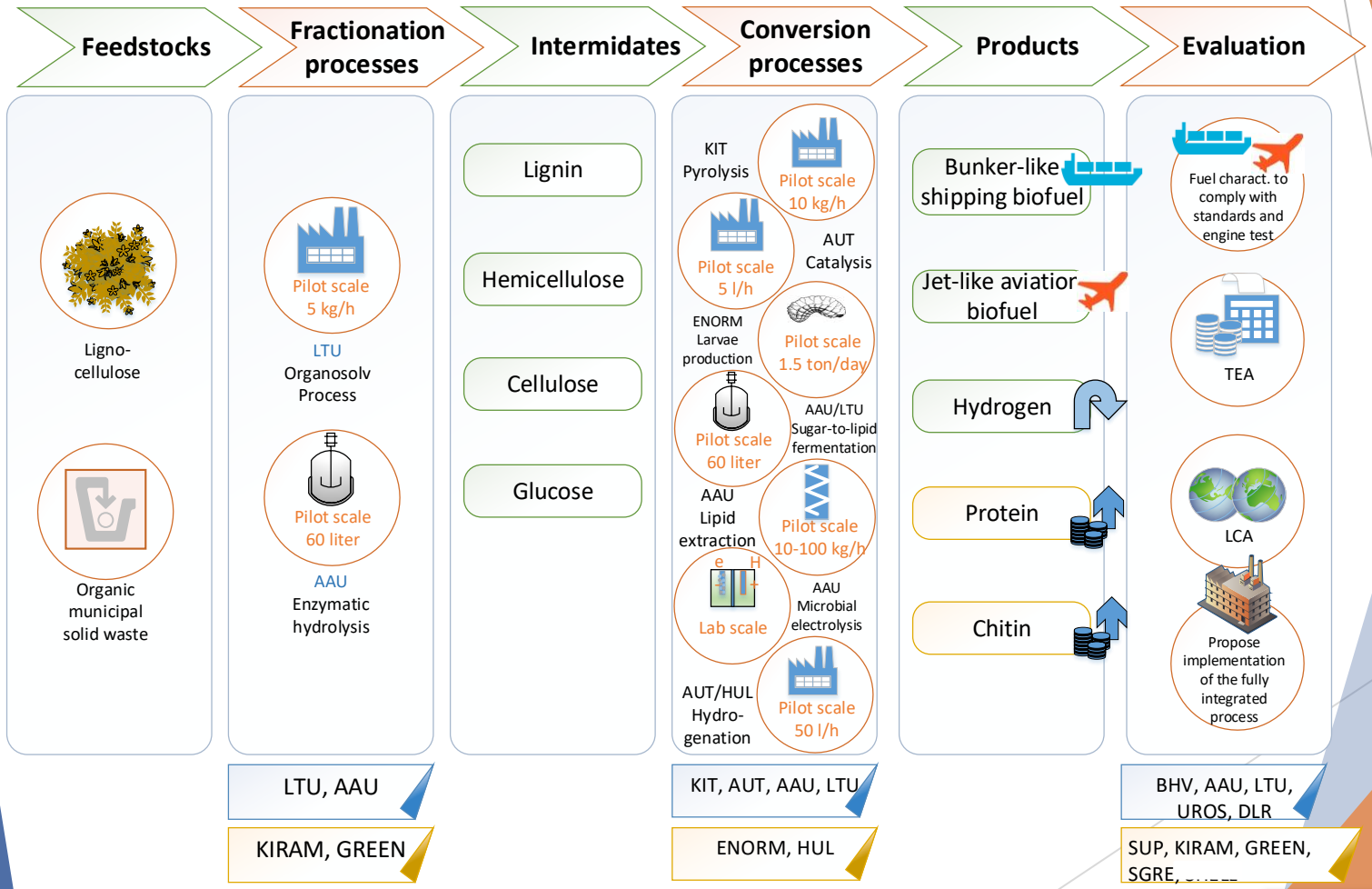
Biorefinery Concept



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Biorefinery Concept

- Raw materials
  - Lignocellulosic residue biomass
  - Organic fraction of municipal waste

- Processing
  - Developing and improving integrated technologies for complete conversion/utilisation of biomass
  - Biological, Biochemical, Catalytic, Thermochemical Conversion
  - Whole system integration towards maximal sustainability
- Products
  - aviation fuels (C8-C17)
  - bunker oil type fuels (>C18)

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- Thank you for your attention
- For more information:

  www.fexigreenfuels.eu

  info@flexigreenfuels.eu

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