Danish Technological Institute
Short introduction to Danish Technological Institute

Anne Maria Hansen, Innovation Director
Technological infrastructure & key driver in R&D

- More than 1,000 specialists
- State of the art-equipment and facilities
- 80+ laboratories
- Bridging the gap between research and practical application
Divisions

AgroTech  Building & Construction  Energy & Climate

Life Science  DMRI  Materials  Production & Innovation
Biobased Business at DTI

**BIOMASS**
- MICROALGAE
- MARINE BIOMASS
- STRAW
- MANURE
- RESIDUES FROM FOOD
- WOOD

**TECHNOLOGY**
- BIOREFINERY
- DRY FRACTIONING
- EXTRUSION
- ENZYMATIC HYDROLYSIS
- INSECT-CONVERSION
- FERMENTATION
- EXTRACTION
- GRINDING

**PRODUCTS**
- FEED
- FOOD AND INGREDIENTS
- MATERIALS
- BIOGAS
- COSMETICS

Contact: Biospecialists
Aarhus /SkejBy (AgroFoodPark)

Sønder Stenderup

Test and pilot production center
Feed, Food and Biomass

Grinding and mixing
Pelleting
Extrusion

Innovation Center for Bioresources, Feed & Food
Plant for Insect Production
Biogas Technology

Taastrup

- Pilot Plant
- Plant Technology
- Production of Micro Algae
- Biorefining of Macroalgae
- Biomass wet fractionation (~100-500 l)
Revenue 2018 EUR 151 mio.

- Danish customers: 44%
- International customers: 23%
- Research and development activities: 20%
- Performance-contract activities: 13%
Part of the European R&D network

Danish Technological Institute (DTI) is in the top 10 of 350 international Research and Technology organisations:

- CEA
- Fraunhofer
- TNO
- VTT
- SINTEF
- RISE
- IEMC
- Technalia
- AIT
- DTI

Source: EARTO
Aim: To develop a concept of the cascading marine macro-algal bio-refinery for processing sustainable cultivated seaweed to value added products.

Funded by: Bio-Based Industries Joint Undertaking under the EU Horizon 2020 program
Duration: 1st Oct 2016 – 30th Sep 2020
Budget: 4.2 million EUR
Coordinator: Danish Technological Institute, Prof. Anne-Belinda Bjerre
Consortium: 12 partners from Denmark (Faroe Islands), Sweden, Norway, Iceland and the Netherlands including RTDs, universities, SMEs, and large enterprises.
Aim: Development of novel functional proteins and bioactive ingredients from rapeseed, olive, tomato and citrus fruit side streams for applications in food, cosmetics, pet food and adhesives.

Funded by: Bio-Based Industries Joint Undertaking under the EU Horizon 2020 program
Duration: 1st May 2018 – 30th Apr 2021
Budget: 3.9 million EUR
Coordinator: Danish Technological Institute, Dr. Anne Christine S. Hastrup
Consortium: 16 partners from Denmark, United Kingdom, Germany, Slovenia, France, Spain and Greece including RTOs, universities, SMEs, and large enterprises.
Thank you!