

STATE-OF-THE-ART TESTING FACILITY FOR FERMENTATION OF ALL TYPES OF BIOMASS

# Biosolutions Technology Center

DANISH TECHNOLOGICAL INSTITUTE'S NEW FOOD GRADE PILOT FACILITY

- ▶ *For upscaling of products and processes until 2000 liters*
- ▶ *For green, yellow, and blue biomass and side streams*

Danish Technological Institute is establishing a fermentation facility which will be integrated with the already existing food grade bio refining facility. All gathered in DTI's new Biosolutions Technology Center.

Danish Technological Institute will make it possible for start-ups, established businesses or knowledge institutions to test biomass and processes in pilot scale with the purpose of assessing if the business idea can be scaled to an actual production of a new product. The new facility will make the building blocks for development within biosolution, and it will be able to handle with both "dry" and "wet" biomass.

## Why?

By establishing a pilot scale food grade testing facility for fermentation, the "gap" from lab testing to full scale production is filled. This way, companies get the opportunity to lower the risk of investment and get a thorough assessment of their business model before starting a possible production. With the new facility, new products and supply chains can faster be created since bio refining and fermentation most often increases the value of the bioresource on the biomaterial supply chain.

The new facility makes it possible to process amounts of biomass big enough to use in the next step of the supply chain, meaning further processing, approving, market testing, consumer acceptance evaluation and early sales until a possible full-scale production is established.

## Who are you?

You could be a start-up, an established company or organization working with biomass or biotechnologies. You have an idea or a product you wish to test. We can help with development, testing and optimizing of all or parts of the processes and you are welcome to participate onsite during the testing.

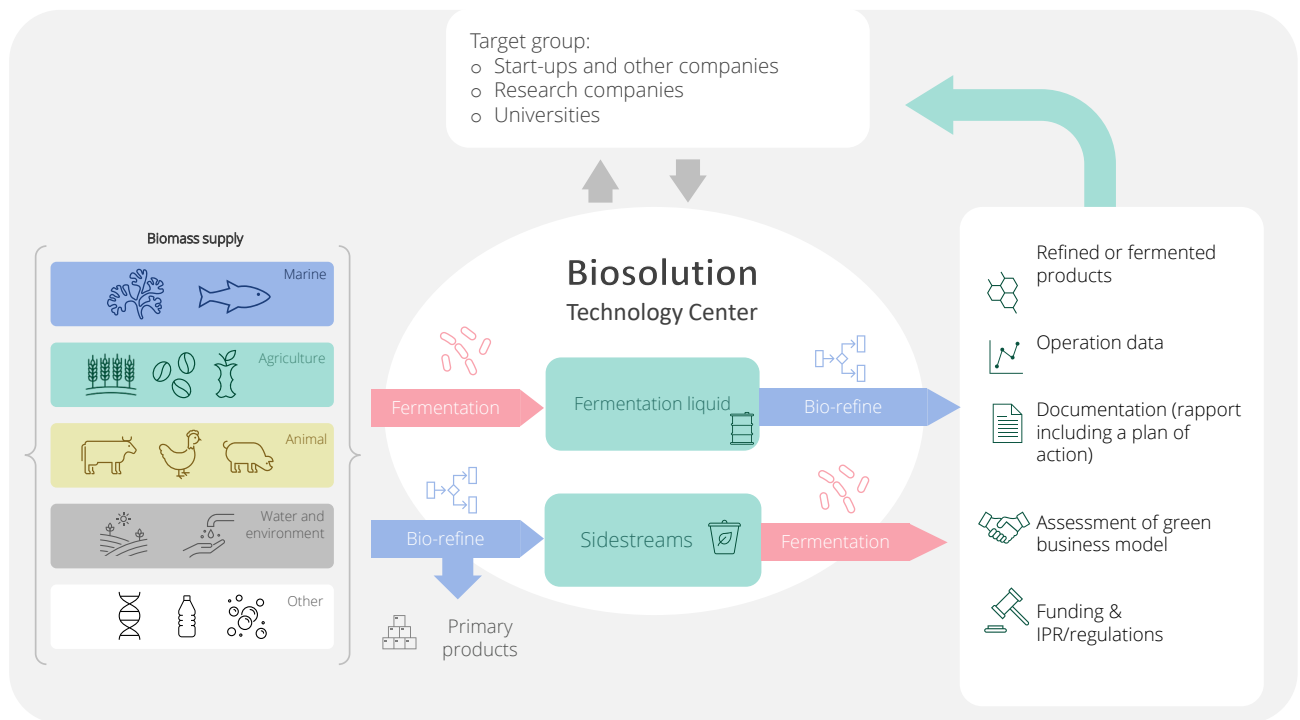
### WHAT WE OFFER:

Besides lab and pilot tests we offer:

- ▶ Access to meeting rooms for you and business partners during test runs.
- ▶ We have in-house skills in testing product characteristics, product evaluation, development of your business model, or help with funding or IPR/regulations.
- ▶ An accessible business partner which can participate as coordinator or partner.

## Where?

The integrated facility will be placed at Danish Technological Institute, Gregersensvej in Taastrup, Denmark.



## Want to know more?

If you want to know more about the new facility, feel free to contact business manager Lise-Lotte Schmidt-Kallesøe, phone: +45 7220 2168, e-mail: lisc@teknologisk.dk.

It is possible for companies, organizations, or other interested parties to book a tour of both lab- and pilot facilities.

## Prices

The cost of using the biosolution facility depends on how long and which tests you want to run. Contact business manager Lise-Lotte Schmidt-Kallesøe for an offer.

*"We see a gap, which is being filled with the new fermentation facility at Danish Technological Institute. We are in Denmark, and Europe in general, missing spots to test in relation to upscaling. Besides the testing facilities, Danish Technological Institutes has the expertise to advise the companies in further progress for instance in relation with how they find funding, law and in general how they mature their business models." (translated)*

CHRISTIAN BRIX TILLEGREN, BIOINNOVATION INSTITUTE

## Biosolutions Zealand

The vision is to create an international industry stronghold in biosolutions in Denmark and support the sustainable biotechnologies of the future and help change to a more energy-friendly, bio-based and climate-neutral production. Danish Technological Institute receives support to establish a pilot-scale fermentation plant to support this vision.

*Biosolutions Zealand is financed by the EU's Regional and Social Fund's REACT funds and the Danish Board of Business Development to support investments and opportunities within biosolutions.*