



Drive your biofuel activities in for success



Denmark - a unique cluster of biofuel competencies

Bioenergy represents 70% of the renewable primary energy consumed in Denmark.

The Danish bioenergy sector has 40 years of experience and intense work producing efficiently power and heat from biomass and waste, building energy plants around the globe, and becoming world leaders in this field.

With this background, the natural next step has been to develop a world leading biofuel cluster in record time.



Fossil free transport in Denmark by 2050

One of the main targets in the recently agreed new Danish Energy Strategy "Our Energy, 2050" is that all transport must be 100% renewable by 2050. Denmark offers thus an unrivalled starting point to lead the development and deployment of commercial technologies to convert biomass & waste into fuel.

Biofuels, right on the spot light

Why place biofuel activities in Denmark?

Largest concentration of biofuel R&D activities in the world

Presence of world leading suppliers to the value chain, especially key components as enzymes, catalysators, etc.

Highly industrialised and efficient agro-food sector

Ideal test market, benefitting of a collaborative R&D climate

Large market potential and attractive framework conditions

Strong funding and government support to R&D activities

Business Solutions

R&D center, benefitting of the activities already taking place and a world class and open minded research community

Pilot facilities and demonstration plants, benefitting of public support schemes and strategic alliances with local partners

Production facilities, triggered by market potential, existing pool of competences and access to public & private financing

Regional headquarters, due to business friendly framework conditions as low corporate taxes and flexible labour market



Danish players create the Biorefining Alliance

Three main players in the Danish biofuel sector, DONG, Novozymes and Haldor Topsøe, together with Danish Agriculture Council have created the Biorefining Alliance. The Alliance's main goal is to ramp up the deployment of biorefinery projects in Denmark and enhance the country's leading position in this field.

We know how to make it work!

Plant & Project Highlights

- Bornbiofuel** is a project of a bioethanol plant, from straw, in Bornholm
- Copenhagen University** is building a new 7.000 sqm Plant Science Center
- CWC** projects a large scale biofuel plant from sugar beet waste in Nakskov
- Daka Biodiesel** produces biodiesel from slaughterhouse waste since 2008
- Hveiti** plans to build a bioethanol plant, from wheat, at Grenå Harbour
- Kalundborg** is Europe 's first bioethanol-from-straw plant, built in 2009
- Måbjerg Bioenergy** plans a bioethanol plant aside their large biogas plant



DONG: front runner in biofuel ventures

Denmark 's largest energy company participates in several R&D biofuel projects. Two of the main spin-offs in the area, both developed in Denmark, are:

Inbicon, already a world leader in the conversion of straw into 2nd generation bioethanol.

Renescience, an innovative system to sort household waste using enzymes and turning the organic part into biofuel.

Corporate Highlights

- BioGasol** has developed a proprietary technology to produce bioethanol from straw. The company is behind the Bornbiofuel project in Bornholm
- Danisco-Genencor** is a world leading supplier of enzymes, also to biofuel production. The firm was acquired in 2011 by chemical group DuPont
- Haldor Topsøe** has developed a range of catalysts to convert biomass and waste into biofuels. Topsøe is also very active in developing fuel cells
- Inbicon A/S** projected and built the straw-to-bioethanol demonstration plant in Kalundborg. Next step is to develop full scale plants globally
- Novozymes** is the world leader manufacturer of industrial enzymes, also to biofuel production. Novozymes is owned by the Novo Nordisk Foundation

The above information is a non exhaustive list of the most significant projects and companies in the Danish biofuel sector, at the time this fact sheet was prepared. Please, contact us to receive more detailed information about investing in Denmark.

We speak business

Invest in Denmark provides your company with a tailor-made solution for locating your business in Denmark. We measure our success by how well we contribute to yours. So if your company is considering a business or R&D set-up, or looking to access one of Europe's most skilled talent pools, make us your first stop.

Our specialized staff across the globe has the corporate background, industry insight and well-connected networks to advise you on every aspect of locating in Denmark. Not just when you set up, but also as your business grows. Our tailor-made solutions include connecting companies with key local contacts, arranging fact-finding tours and providing comprehensive benchmark analyses. We make sense of local legislation and advantages of locating in Denmark - all free of charge and in guaranteed full confidentiality.

We look forward to hearing from you

Headquarters

Invest in Denmark
Ministry of Foreign Affairs
of Denmark
Asiatisk Plads 2
1448 Copenhagen K
Denmark
Tel.: +45 33 92 11 16

Europe

Invest in Denmark
Ambassade Royale du
Danemark
77, Avenue Marceau
75116 Paris
France
Tel.: +33 1 4431 2193

North America

Invest in Denmark
Royal Danish Consulate General
885, Second Avenue,
18th Floor
New York, N.Y. 10017
USA
Tel.: +1 212 223 4545

Asia-Pacific

Invest in Denmark
Shanghai Technology Innovation
Center
100 Qin Zhou Road, 2nd building, 711
Shanghai, 200235
China
Tel.: +86 21 6085 2000



The information stated here may contain errors or omissions. Invest in Denmark and our partners disclaim any and all liability for any loss or damage caused by such errors or emissions.