

THE FUTURE

The Green Center is a business and research center working together with agriculture, agribusiness and eco-technology industries. Green Center is part of the Knowledge Centre Råhvegård and is focused mainly on the Zealand Region of Denmark.

We realize the new product, production and management opportunities with our customers and business partners - focusing on sustainability. Our strength is to combine science with the business opportunities available by assessing today's trend.

These goals are achieved through research and development projects, experience groups and networks, business coaching and counseling, laboratory trials, analysis and test production.

Green Center focuses on optimizing utilization of biomass. We work with both naturally occurring and intensive produced biomass from agriculture. In the future, sustainably produced biomass will become our most important commodity and resource for food production and development, and non-food use such as energy. Society needs the best commercial and environmental exploitation of this resource.



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Results that makes a change





Case 1



ALGAE INNOVATION CENTER LOLLAND In 2010 Green Center initiated a three-year project - Algae Innovation Center Lolland (AIC) - in partnership with Aalborg University and Roskilde University. At the AIC we are focused on community and commercial exploitation of algae. The project aims to establish a demonstration and pilot plant for algae cultivation experiments, and carry research on how society and businesses can optimally utilize algae production technologies.

Algae Innovation Center Lolland has three main activities:

1. Establishment of a demonstration and pilot plant with algae cultivation experiments at the Green Center, Holeby
2. Networking Activities: Identifying local, national and international partners
3. General information activities

Visit www.algaeinnovationcenter.org to learn more

Case 2



NETWORK AND CLUSTER ACTIVITIES are a major part of Green Center's activities. We work with the two methods of development and growth in agriculture and the processing sector focusing on business cooperation, experience exchange groups, product development, logistics and marketing, quality development, communication and branding. Green Center serves as a catalyst by pulling together knowledge, core competencies and the right partners.

We therefore coordinate a variety of activities aimed at facilitating the emergence of new technology applications and spin-off projects. It is an important part of our approach to business always to have our fingers on the pulse and to be innovative together with businesses while having a clear framework from corporate needs. Networks and clusters examples: From Clutter to Cluster, Agro Valley Denmark, Food Platform Zealand, and contracts with regional partners.

Inspiration Development Innovation

Case 3



WHITE WHEAT & SOY BEANS Green Center was involved in the introduction of white wheat and soy beans to the Danish market. With the cultivation of these plants lies a huge potential for the production of new foods (and food by-products) with improved nutritional properties. The white wheat can be used for light bread baked from whole meal flour, resulting in bread with a high dietary fiber and mineral content.

Soy bean can be used for the production of protein flour and as a new vegetable source with a high protein and oil content. Together with the industry we have been focusing on improving the cultivation and product development of these commodities. Consumers can now buy bread with white wheat in stores and the optimization of soy beans into new and exciting foodstuffs continues.

Visit www.greencenter.dk to learn more

Case 4



PLANT2PRODUCT The diversity of substances available in plants provides us with a world of possibilities. At Green Center we are focusing on the development of plant-based products for industry and human use. The establishment of a rapeseed oil mill and the manufacturing company Planteriet Aps are some of the recent results. Biological raw materials obtained from agriculture and nature will be the building blocks of tomorrow's society. Green Center sees strong potential in the biorefinery of plants allowing our resources

to be optimally utilized both economically and sustainably. That is why we are committed to the investigation of opportunities to use all of the biological material in an efficient way. In Plant2Product we combine laboratory, pilot plant, networks and knowledge to meet the demands of each job. The department is a business partner for companies from concept to production in the areas of process, product and production development.

Visit www.plant2product.com to learn more

WE ARE ALSO WORKING WITH:

- Seed production
- Cereals (spelt, waxy barley)
- Ecology
- Fruit and vegetables
- Nutritional supplements
- Medicinal plants
- Herbs
- Decorative greenery
- Rural Development
- Experience exchange groups (Cherry cultivation, Rapeseed production)
- Environmentally friendly construction
- Quality, environment and hygiene documentation
- Assistance to business and production startups
- LandArt
- Biomass (mapping, social exploitation)