

# Drivers on bioeconomy

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# The Danish food cluster has a unique position

Recirculation and optimum use of resources has always been the DNA of the agriculture.

We want to make sure that our farmers have the best possibilities when it comes to finding the best and most effective solutions.

To use by-products and new and already established crops in different relations is part of this process.

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# Drivers

- Megatrend on sustainability in the western world
- Political decisions on climate/sustainability targets
- More research and development
- (Hopefully) politicians will either support bioeconomy or make the “fossil” industry pay high taxes
- Venture capital to accelerate new technologies in bioeconomy
- Public sector that buys sustainable products

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# New products

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# Grass as an alternative to soy

We can produce a local and sustainable alternative to soy

We are working with different alternatives among others grass and clover but also broad beans, alfalfa and sunflowers

The project will create added value to our value chain – from the farmers' field to the feeds given to the animals.

In order to succeed, we need funds. If these are given, we expect to produce plant protein from 2020.

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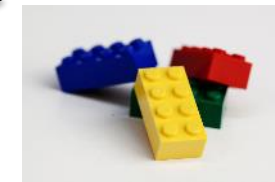


# Biorefining and bioeconomy call for collaboration and competencies from different industries

Raw material  
produktion

Biorefining

Market



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**We want to be an active contributor in this area but it is crucial that the future production is profitable for the farmers**

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# Protein import in Denmark

**Great market potential.** We import around one million tons of protein which are used for feeds.

**A need for better solutions.** Because of the range of the market, we need a variety of solutions.

**Effective production chain.** We compete with well-developed a very effective existent production chains.

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# Danish Protein Innovation

SEGES is part of the network called 'Danish Protein Innovation', which aims to develop business opportunities within sustainable protein produced in Denmark.

In order to succeed in this area, it is crucial to unite knowledge and research.

The potential is big, and we believe it is possible to replace one third of the imported soy with plant protein within some years.

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A close-up photograph of several bright yellow sunflowers with dark brown centers, set against a background of green leaves and a clear sky. The sunflowers are the central focus of the image.

# Focus on bioeconomy in our 2030 research strategy

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# Our climate vision calls for ambitious solutions

In 2050 our vision is to be climate neutral while sustaining or even increasing the production.

This will require some innovative solutions.

Circular bioeconomy has great potential in regard to improving the use of resources and produce more sustainable.

Therefore it is an important focus area.

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# Questions?

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# Contact us



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