

Innovation in the Nordic bioeconomy

To strengthen regional and economic growth

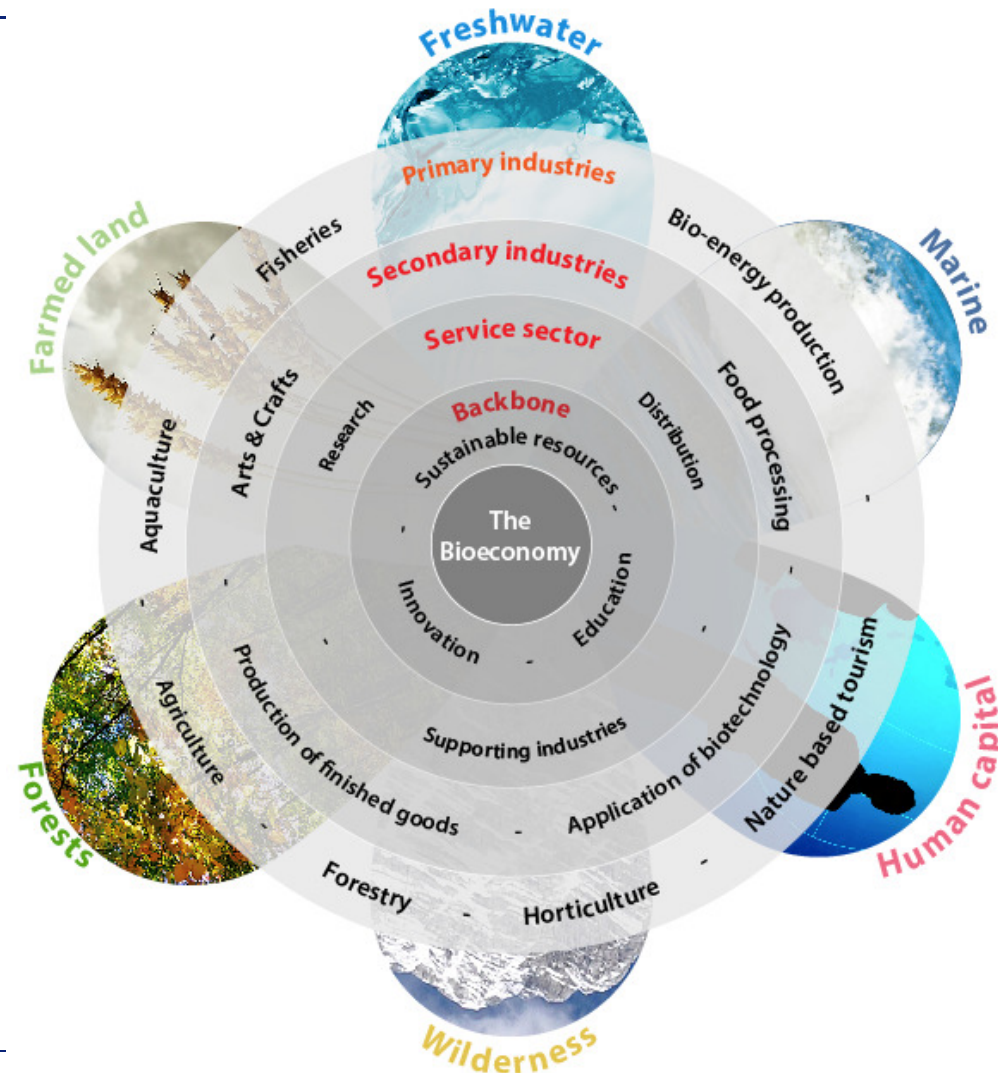
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Innovation in the Nordic Bioeconomy



- Innovation project in all the Nordic countries.
 - With the aim of creating added value, improved efficiency and increased sustainability in food production, as well as increase production of biomass.
 - Resulting in less waste and better utilization of bio-recourses
- Selection of projects will take reference to the mapping work carried out and coordinated within the NordBio program and existing Nordic networks and projects.

A holistic approach



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Focus on innovation projects in three categories:

- 1. Innovation in food production
- 2. Increased sustainability in food production
- 3. Increased biomass production

1. Innovation in food production



In the first phase, focus will be put on product development in Iceland, Greenland and the Faroe Islands.

Activating SME 's and entrepreneurs in product development focusing on food products using local bio-resources.

- New products will be presented at conferences organized in connection with the meetings of Nordic ministers in June and November 2014
- Evaluation and identification of performance factors to be considered in scaled up second phase.

1. Innovation in food production



The second phase will cover **all the Nordic countries**. Building on the existing Nordic network and performance factors identified in phase one.

- New and/or more valuable products and services.
- New knowledge and new processes transferred.
- Evaluation of the results and the factors most critical for success and what factors were most inhibiting.
- Formulation of strategy for innovation and value creation in the bioeconomy.

2. Increased sustainability in food production



Pilot projects focusing on feed production, fertilizers and other necessary inputs by locating the production of these inputs near using area.

Best practices and areas with opportunities for improvement will be identified in all the Nordic countries.

Cooperation between all the Nordic countries

Cooperation between sectors

First pilot projects are expected to be formed in the third quarter of 2014.

2. Increased sustainability in food production



- Increased sustainability of food production in the Nordic countries.
- Increased self-sufficiency of inputs for food production.
- Assessment of success and the factors most critical for success and what factors were most inhibiting.
- Formulation of policies/strategy for sustainable food production in the Nordic countries.

3. Increased biomass production:



The aim is to increase biomass production. Taking reference to the mapping work carried out and coordinated within the NordBio program.

The projects will be carried out in close cooperation with the industry and include:

- Applying practical research on biomass production
- installation of pilot plants for biomass production/bio-refineries.

First projects are expected to be identified in early 2015

3. Increased biomass production:



- Installed pilot biomass production facilities/bio-refineries.
- New knowledge and/or transferred knowledge and technology between countries.
- Increased biomass for the production of valuable products for the domestic market and/or export.
- Assessment of success and the factors most critical for success and what factors were most inhibiting.
- Formulation of policies/strategy for biomass production and future development in biomass production.

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Innovation categories	1Q-14	2Q-14	3Q-14	4Q-14	1Q-15	2Q-15	3Q-15	4Q-15	1Q-16	2Q-16	3Q-16
Innovation in food production phase 1											
Innovation in food production phase 2											
Increased sustainability in food production											
Increased biomass production											
<div> <div></div> Mapping within the NordBio program <div></div> Innovation projects <div></div> Analyzes and introduction of results </div>											