

Icelands chairmanship in the Nordic Council of Ministers 2014



Umhverfis- og auðlindaráðuneytið Ministry for the Environment and Natural Resources



The Nordic Bioeceonomy

The largest of three programmes under Iceland's chairmanship





A collaboration project of the Nordic Councils of Ministers for <u>fisheries</u>, <u>fish farming</u>, <u>agriculture</u>, <u>food</u> and <u>forestry</u>, <u>trade</u>, <u>energy</u> and <u>regional</u> <u>development</u>, <u>environment</u>, <u>education</u>, <u>research</u> and <u>culture</u>





Three governmetal ministries in Iceland

- Ministry of Industries and Innovation
- Ministry for the Environment and Natural Resources
- Ministry of Education, Science and Research





Broad Nordic Involvement

- Nordic participation in the projects
- Nordic Institutions i.e. Nordic Innovation, NorForsk, NordGen, NordRegio, Nordic Energy Research





Exstensive cross-sectoral cooperation

Has been a valuable learning proces for the sectors and ministeries involved – dialoge and cooperation has to continue

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Projects

- Innovation in the Nordic Bioeconomy
- WoodBio
- Marina
- ERMOND
- Biophilia



WoodBio NordBio



Wood biomass in the Nordic Bioeceonomy



WoodBio

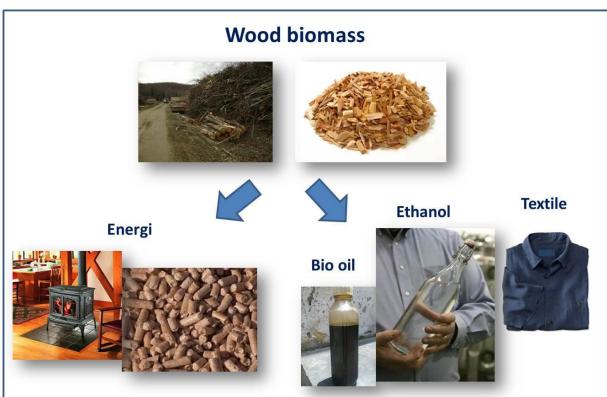


Overall goal

 To highlight the role of forestry in the Nordic bioeconomy with emphasis on wood biomass as raw material.

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WoodBio





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WoodBio



<u>Output</u>

- Biomass supply and predicted future demands (2020, 2050)
- Best management practices and available land area



WoodBio \\



- Highest value added product
- New developing in industries (innovation)
- The importance of wood biomass in the Nordic Bioeconomy based on the findings of the information
 gathered

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Marina



Emission reduction and increased use of alternative fuels in marine applications



MARINA



Overall goal

To reduce emissions and increase the use of alternative fuels in the marine sector

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Oil consumption

 The Nordic countries use almost 100.000 barrels of oil per day, just for shipping and fishing

 10% reduction would be equivalent of finding a large oil well with no capital cost and no

harmful emissions!

Fish is "oil expensive":
 1 kg of fish can cost
 upwards of 0,5 kg oil!

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MARINA



Overall outcome

Functioning Nordic network of stakeholders which can bring the public and private sector together to solve challenges on the way to finding the emission free oil wells of energy savings and renewable biofuels on sea

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Ecosystem resilience for mitigation of natural disasters





Goals

The aim of the ERMOND project is to facilitate new thinking and new solutions in preventing damage and loss of lives due to natural disasters in the Nordic countries

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Floods, storms, earthquakes, erosion and volcanic eruptions and other natural disasters are a major threat to all human societies.

Annually more than 200 million people are affected.

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- Restoration of wetlands and rivers reduces floods
- Restoration of woodlands reduces damage by volcanic ash









<u>Output</u>

- Overview of natural disasters in the Nordic region and how ecological restoration can be used to mitigate such hazards
- Feasibility case studies of strategic expansion of ecosystem resilience
- Recommendations of actions to enhance build-up of ecosystem

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Thank you



and Natural Resources