



Bioenergy Promotion



BIOREG

The Policy Showcase of Norway

Presented by Dr. Gunnhild Søgaaard,
Norwegian Forest and Landscape Institute



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Outline

1. General information about BIOREG Hadeland
2. Focus on the policy instruments, and how the sustainability criteria were considered
3. Policy lessons learned / policy recommendations

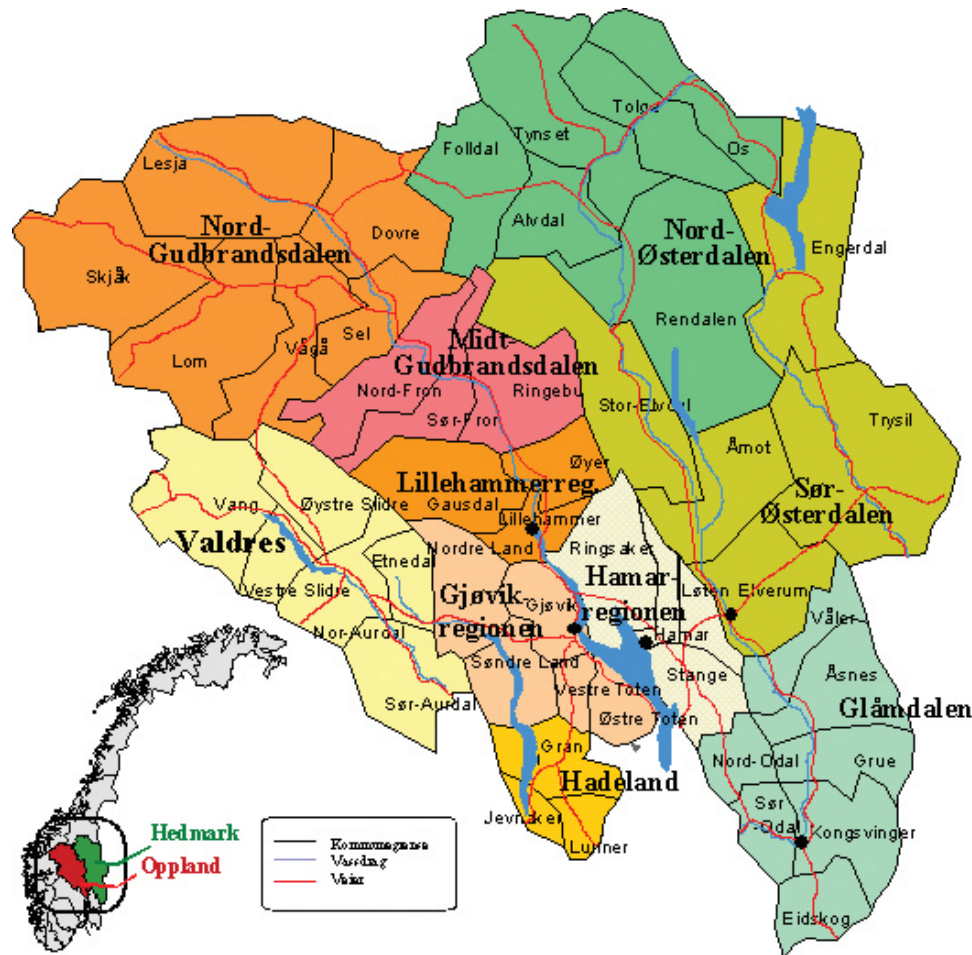


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HADELAND



- a region in Oppland County
- consists of three municipalities
- cover approx. 1 125 km²
- is a pioneer region in terms of bioenergy



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BIOREG



The Bioenergy Region of Hadeland

- Long traditions for bioenergy on Hadeland
- Led to BIOREG project establishment in 2003
- Founded by the three municipalities together with Oppland County Authority
- Project leader: Mr Helge Midtun



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The bioenergy region of Hadeland TARGETS

“In 2020 the Hadeland region has increased its use of bioenergy so that the total use of energy in our society is in balance with the nature carrying capacity”

- Doubling the use of bioenergy in Hadeland from the year 2003 up to the year of 2015 from 54 to 108 GWh
- Develop further Hadeland’s position as a leading region in knowledge and development of bioenergy in Norway
- Hadeland, best in coordinating the bioenergy efforts with Arena Bioenergy Inland (ABI)



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Policy instruments

- BIOREG Hadeland
- The Arena Bioenergy Inland (ABI)
- Municipalities of Green Energy
- Climate adviser
- Energy and climate plans in the municipalities

- **INCLUDE ENERGY AND CLIMATE IN MUNICIPAL PLANS AND PROGRAMMES**



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Green Energy Municipalities

Partnership between three ministries and the Norwegian Association of Local and Regional Authorities.

The target is to commit the Municipalities to:

1. Energy efficiency initiatives
2. Renewable energy use and production, such as BIO ENERGY
3. Take initiatives to reduce green house gas emissions



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Climate adviser

- Cover all three municipalities
- Works towards the municipal authorities, the regional stakeholders and the public

Three main focus areas:

- Attitude forming work
- “Environment certificates” (light house businesses)
- Initiator/initiative-taker



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Energy and climate plans in the municipalities

All municipalities need to develop an energy and climate plan.

Intention: Lift the work in the municipalities to a strategic level.

The plan should have legal status (the Planning and Building Act).

The plan include e.g. energy use and energy supply.



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FORESTRY

Policy instruments

- Forest Fund
- Subsidies to harvest of forest biomass for bioenergy
- Innovation Norway's "Bioenergy Programme"
- Incentives funded by ENOVA

Sustainability criteria

- Living Forest Standard
- Forestry Act with regulative
- Regulations on use of ash



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Policy lessons learned / policy recommendations

- The local politicians take the challenge seriously
- It is hard to find both personal and financial resources in the municipal administrations (in addition to running work)
- The local work needs local enthusiasts, also in the administrations
- Coaching is efficient (and necessary)
- “Things take time” (TTT)
- **MUNICIPALITIES THAT WORK DETERMINED, REACH GOALS !**



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Thank you for the attention!

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