



Transparent Energy Planning and Implementation

The Regional Municipality of Bornholm was nominated as a finalist for the Nordic Energy Municipality 2011 with the project Transparent Energy Planning and Implementation (Transplan). It is an energy project coordinated by the municipality, as part of its vision for becoming a green and sustainable Bornholm, self-sufficient in renewable energy. The project was implemented in the period from 2007 to 2010. Based on a mapping of the island's energy consumption, a strategy was adopted including the following prioritised actions:

- Accelerating the conversion of energy production from coal to wood chips
- Accelerating the conversion of individual heating systems to district heating
- Accelerating the conversion of municipal buildings to renewable energy
- Promotion of electric cars
- Public awareness campaigns.

An important part of the project was the collaboration between and involvement of various stakeholders, including politicians, local businesses and industries, as well as interested citizens. The collaboration was organised in a broad Energy Forum, and a number of citizens were involved in a think tank, subsequently acting as green ambassadors. Among the preliminary results is an increase in the electricity production from renewables from 30 to 50% in the period from 2005 to 2008.

The project was initiated by cooperation between seven islands in the Baltic Sea, called B7. At a conference in Åland in 2006 they agreed that the participating islands – Bornholm, Gotland, Saaremaa, Åland, Öland, Hiiumaa and Rügen – would benefit from developing new action oriented energy plans.

NORDIC ENERGY MUNICIPALITY 2011

The Nordic Energy Municipality 2011 Project highlights sustainable energy, green growth and energy-related climate efforts in the Nordic countries. The initiative particularly recognises municipalities who have introduced special efforts to undertake innovative energy projects.

The initiative is based on cooperation between the Danish and Finnish Presidencies of the Nordic Council of Ministers for Energy. In total, 44 Nordic municipalities have forwarded an application to the Nordic Energy Municipality 2011 competition each describing a cutting-edge energy project. Of these 44 applicants, 14 municipalities have been nominated as finalists.

QUOTE



Winni Grosbøll,
Mayor, Regional
Municipality of
Bornholm.

“We have a vision
of Bornholm as

an island which is completely self-sufficient with renewable energy. In the Transplan project, we are cooperating with citizens, various associations and industry towards achieving our future goals and opportunities so that we are able to guarantee sustainable societal development. Amongst other things, we have worked purposely towards ensuring that the residents in our regional municipality have a feeling of ownership towards our energy strategy. We have strived towards achieving this by proving factual and targeted information and by involving a number of volunteer energy ambassadors. In this manner, we wish to make certain that our words are followed by actions”.



NORDIC VISION OF SUSTAINABLE ENERGY AND GREEN GROWTH

The Nordic Energy Municipality 2011 project provides practical and concrete examples of how the Nordic vision of sustainable energy and green growth may be realised and how it can show the way forward.

Ever since the Nordic Council of Ministers adopted the first sustainable-development strategy in 2000, the Nordic countries have been working together towards sustainable Nordic societies. The joint Nordic vision is to prepare for future independence from fossil fuels or CO₂ neutrality. The main issue for the Finnish Presidency in 2011 is to address climate change at all levels.

GREEN GROWTH AS AN INTERNATIONAL TREND

The Nordic vision is constantly being challenged by increases in the demand for energy and volatile oil and energy prices. However, these global challenges are fuelling an international trend

for green growth which offers great economic opportunities: new markets are being created within energy efficiency, renewables, low carbon transportation and new technologies like carbon capture and storage (CCS). The Nordic Countries are well prepared to benefit from the current trend in green growth, as they constitute an innovative and sustainable region, both at the political level and with regard to the development of new technologies. Many of the practices and instruments currently being introduced in other countries have been in place for decades in the Nordic region, e.g. high energy and CO₂ taxes. Also, the Nordic countries have many leading technology companies in relevant fields as well as environmentally conscious consumers.



FOR MORE INFORMATION ABOUT THE PROJECT

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Nordic Council of Ministers