

Faroe Islands

"renewable energy islands"

ENERGY RESOURCES

- renewable resources

As many other island communities the Faroe Islands depend on oil as their main energy source. 94% of our energy use derives from fossil fuels, but with increasing oil prices and a strong focus on climate challenges, there are strong incentives to start replacing a growing share of the oil consumption with renewable energy sources such as wind and hydro power. In 2007 the necessary framework is being established with new legislation and policies for the energy sector.

NÓLSOY

- "a renewable energy island"

The vision is to create an independent and sustainable energy supply for the island of Nólsoy, which is ideal as test area for a large impact demonstration project where wind power is harvested to produce electricity, heat and hydrogen. The Faroese energy authority 'Jarðfeingi' will front a consortium, of energy, technology and research companies, responsible for transforming the Nólsoy vision to reality. The Nólsoy project is particularly important because the project will to a large extent build on commercial terms and has the potential to become a model for other island communities and sparsely populated areas that wish to replace a fossil fuel based energy supply with decentralised renewable energy solutions.

EXPERIENCE TRANSFER

- to other island communities

Since the mid 90s hydrocarbon exploration has been carried out on the Faroese continental shelf. As part of the Faroese government's newly established development assistance programme, an administration agreement has been signed with the World Bank (IBRD). In this agreement our experience and know-how, as a small country administering the complex task of hydrocarbon exploration, will be transferred to the pacific island state, Palau. As part of the agreement Jarðfeingi shall assist the Palau Government in the preparation of establishing an administrative and legislative framework for a petroleum industry in Palau.



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