



**Northern
Periphery
Programme**

2007–2013

Innovatively investing
in Europe's Northern
Periphery for a sustainable
and prosperous future



Terms of Reference

Identified topic gaps in the “Renewable energy solutions adapted for remote areas and to the scale of sparsely populated areas”:

The strategic project is expected to increase the uptake of existing best practice renewable energy solutions by developing and implementing viable support mechanisms. It is suggested to use a minimum of 9 different existing renewable energy demonstration sites as case studies, suitable to the conditions of the NPP area. The support mechanisms are expected to be based on a prior comprehensive mapping of schemes, which are fitting or could be adapted to the specific characteristics of the NPP area; rurality, insularity, sparse population, and harsh climate.

Suggested types of renewable energy solutions:

- Micro-scale combined heating and power (CHP) systems
- Micro-scale district heating networks based on renewables
- Combination of renewable energy sources
- Design of supply structures and logistics for renewable energy fuels

All chosen renewable energy solutions should be supported by Work Packages outlining:

- Energy and socio-economic scenarios to demonstrate and support the effect of the renewable energy solutions adapted, scalable, and transferable across the Northern Periphery
 - Projects are expected to develop business plans connected to the different renewable energy solutions supporting implementation.
- Strong dissemination activities of designed support mechanisms within the Northern Periphery Programme area, such as a marketing programme to inform and stimulate the demand for renewable energy.

The expected outcome of such a project is implemented viable support mechanisms in the participating regions, such as private-public partnerships, to increase investments in renewable energy solutions. Such a mechanism should provide incentives for households, SMEs/industries, private financial investors and the public sector to make these investments and possibly create joint ventures.

The programme target is to approve 3 strategic projects in priority 1 which the topic “Renewable energy solutions adapted for remote areas and to the scale of sparsely populated areas” applies to.

