Biomass energy register for sustainable site development for European Regions

North East England/United Kingdom
Emscher-Lippe Region/Germany
Gostynin Lake District/Poland
Umbria Region/Italy

BEN supports local communities by developing an easily applicable tool for local energy planning. Four European model regions will be considered.

Set-up of GIS-based energy registers
Establishment and maintenance of regional energy networks
Development of regional master plans
Initiation and implementation of specific actions

The utilisation of biomass as a renewable energy source which is locally available and storable, offers the opportunity to authorities to actively arrange energy planning for their region. The core objective of the BEN project (November 2008 to October 2011) is the development of a regional energy register indicating regional energy sinks as well as biomass potential for energy and heat production. The data collected will be transferred and displayed in a web-based geographic information system (GIS). Based on this register, the local boards develop a regional masterplan for the sustainable utilisation of biomass, jointly with further actors which are collaborating in a network. In order to optimise existing plants and enhance investments, the regions will be supplied with guidelines regarding management, technology and financing instruments.

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