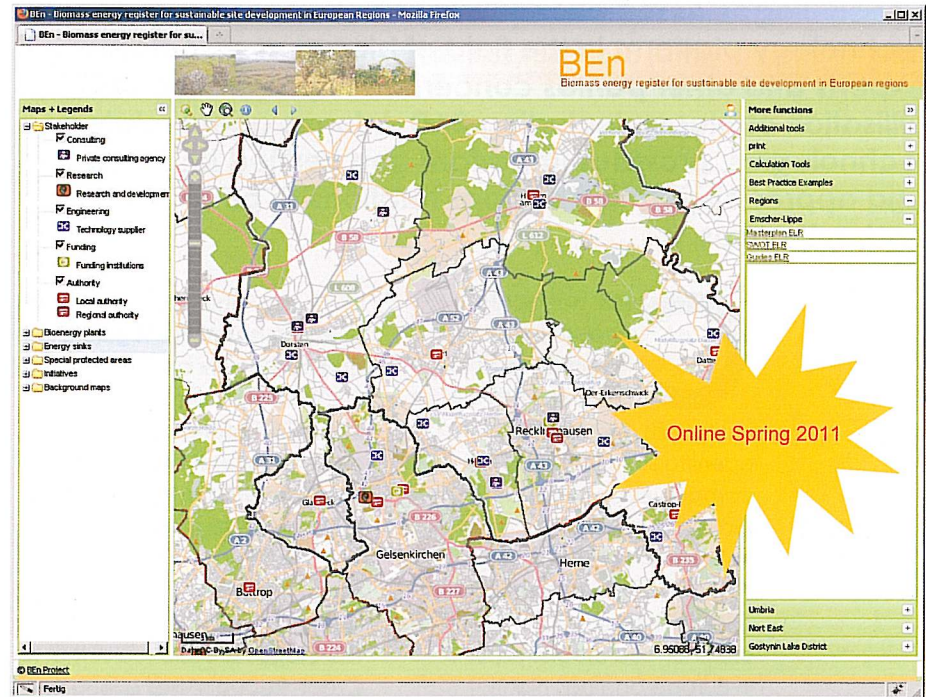


BEn

Biomass energy register for sustainable site development

Europe, facing the challenge of climate change, targets significant cuts in carbon dioxide emissions in response. Consequently, local authorities, regional planners and stakeholders in industry throughout Europe are committed to the development of renewable energy policies. The utilisation of biomass as an energy source which is locally available and storable offers an opportunity to actively shape energy planning processes on a regional level. Currently, the lack of detailed data, specifically on the energy demanding site, is a significant constraint to sustainable development in the bioenergy sector.

It is precisely in this field where the project BEn supports local communities and regional stakeholders through the development of an easy-to-use tool for local energy planning. The core objective of this project is the development of a regional energy register indicating regional energy sinks as well as biomass sources for energy production. The data structure is designed to be transferred and displayed in a web based geoinformation system (GIS). The energy register in form of an online GIS mapping service together with regional masterplans and regional bioenergy guides will facilitate the planning and discussion in the field of energy



policy between different regional stakeholder groups

The BEn project is co-funded under the IEE – Intelligent Energy Europe programme for a period from November 2008 to October 2011 (www.ben-project.eu). Seven partner organisations from five countries are collaborating on the project performance in four model regions: North East England/ UK, Emscher-Lippe Region/ Germany, Umbria Region/ Italy and the Gostynin Lake District/ Poland. ●



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