

Project name:

Biomass Energy Development in NWE

Which of the S.I. Fields of Action best describes your project:

2. Production and consumption of energy from renewable sources. (Section A: Addressing challenges / barriers related to specific sustainable energy technologies; Section B: Bringing forward innovative approaches to sustainable energy promotion and management)

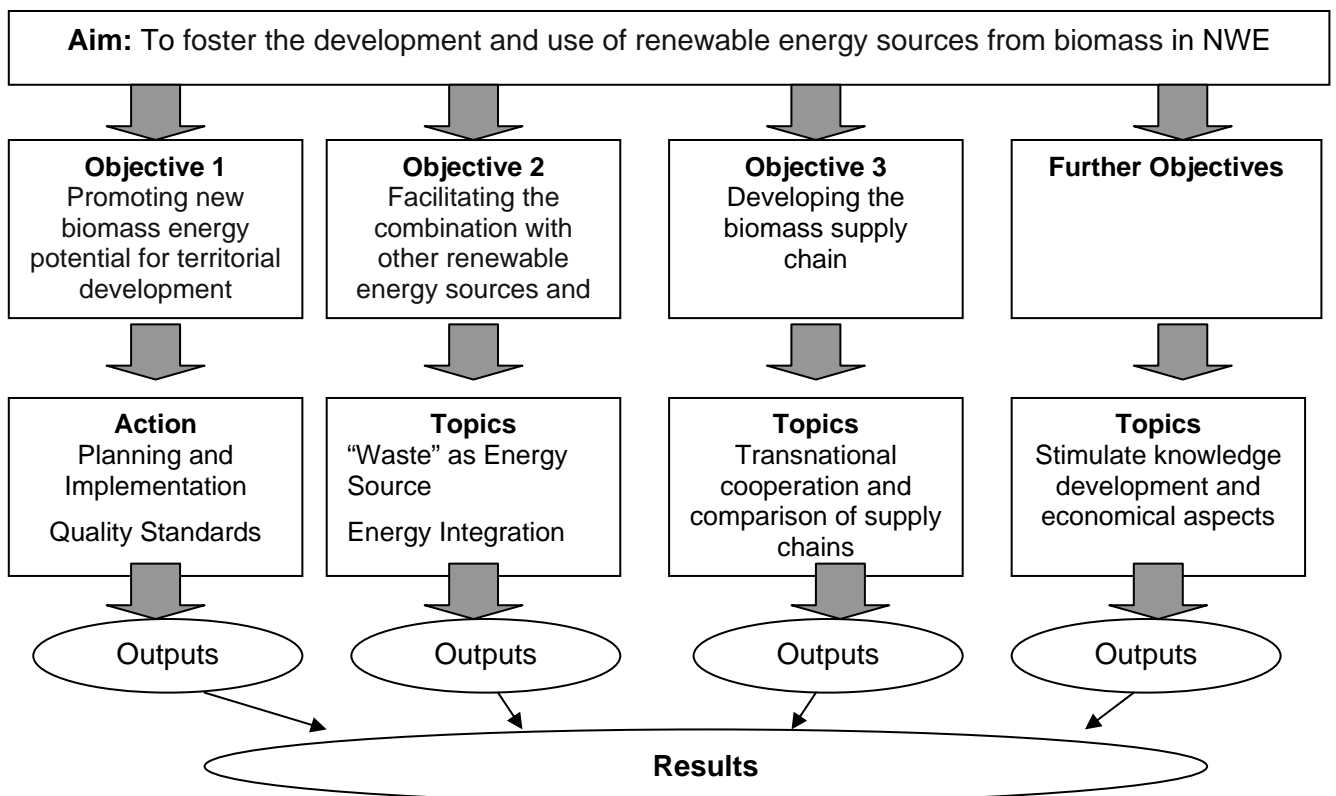
General aim of the project:

The main aim is to foster the development and use of renewable energy sources from biomass in NWE (representing 65% of renewable energy sources in Europe).

Specific objectives:

1. Promoting new biomass energy potential for territorial development
2. Facilitating the combination with other renewable energy sources and creating complementarity
3. Developing the biomass supply chain

Link between objectives and topics to be addressed



Proposed Project Activities

- 1a Planning and Implementation (land-use, mapping, Biomass Action Plans)
- 1b Quality Standards

- 2a "Waste" as Energy Source
- 2b Energy Integration (management systems, energy types)

- 3 Transnational cooperation and comparison of supply chains (tool, logistics model for biomass supply, characteristics, criteria, sustainability, commercial aspects)

- 4 stimulate knowledge/innovation development and consider economical aspects

At the workshop and during the follow-up, **first proposed ideas for concrete project specifications** have emerged (*to be further elaborated*):

- Effective use of waste/by-products (e.g. sewage sludge, agricultural waste, biomass crops) – rural biomass energy development in NWE
- Strategy towards an integrated Biomass use in NWE (development and proof of strategic components for their implementation in a future biomass policy for NWE and for integration into regional biomass action plans)
- Transnational cooperation on supply chains – sustainability, efficiency, logistics

Expected results:

The expected results will be explored and determined according to future meetings

Possible total budget and ERDF sought:

Still to be defined according to the number of partners and the concrete action plan

Partners involved at this stage:

Interest from 31 partners in BE, DE, LUX, NL, UK after the first workshop in November 2009. Serious interest will be expressed by interested organisation depending on revised concrete project briefs.

Further partners sought:

Interest sought particularly from other countries in the NWE area (CH, FR)

How are the partners going to jointly benefit from this transnational cooperation project?

By setting up a NWE-project, partners will benefit from financial and political support. They will further be able to exchange their know-how/experiences and jointly elaborate best-practice models (by implementing pilot actions) which may then influence their respective national policy. Furthermore, the partners are often confronted with the same (EU-) requirements and therefore are most likely to welcome a European approach to these challenges.

How is your project relevant to the identified S.I. Fields of Action?

It addresses the fields of barriers related to the bio-energy supply chain and attempts to offer innovative ways to improve the sustainable and integrated production and management of bio-energy.

How does your project display a high degree of transnationality?

The project will gather relevant partners across North West Europe who will jointly elaborate actions which have to be relevant for a large part if not the entire NWE area.

What is innovative and original about your project?

There is no similar topic in the NWE programme. Its originality and innovativeness lays in the integrated approach concerning different sectors along the biomass supply chain and the potential of exploring biomass in rural or urban areas.

What strategic impact is your project likely to have?

The project has a holistic approach and tries to propose complementary solutions to questions raised by other programmes. It should consider different dimensions (economic, environmental, territorial, social) having an impact on or being concerned by the development of biomass potential in a large part of NWE. It further may help European policy on biomass progress at national/regional/local level (2005: biomass action plan, 2009: The Promotion of the use of energy from renewable sources).

Is your project a follow-up to a previous project? If yes, how does it build on previous results?

Not directly. It should build on finished and ongoing projects which are funded under other programmes (e.g. IEE, CONCERTO Initiative)

If applicable, which other funding Programmes or EU Policies might be relevant for your project?

Biomass has already been subject to several European and national programmes. There are ongoing projects in the Interreg IV B programmes Baltic Sea Region, Central Europe, North Sea Region, Alpine Space as well as the Interreg IVC and Interreg IV A programmes. Moreover, the Intelligence Energy Europe Programme and Framework 6 respectively 7 also deal with the potential and dissemination of biomass. Some interesting work has already been done in the past funding period in various programmes.

Project idea source

- NWE Strategic Initiatives step1 workshops report, August 2008
- Strategic Initiatives Working Group (SIWG) PI proposal March 2009
- SIWG report, 21st May 09
- "Promotion and growth of renewable energy sources and systems" (Progress), Ecofys, 2008.
- Interregional Biomass Strategy For a Focused and Sustainable Use of Biomass in the Greater Region, Rubin Project (IIIA Greater Region), October 2007.
- Sustainable Policy For the Use of Biomass, 25th February 2008, Conseil Supérieur pour un Développement Durable, Luxembourg
- German National Biomass Action Plan, April 2009, BMU/BMELV

- Strategic Initiatives Workshop in Brussels, November 2009