



Project Fact Sheet

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Investigations targeted to the creation of legislative instruments and the reduction of administrative barriers for the use of biogas for heating, cooling and power generation (REDUBAR)

Programme area: ALTENER, VKA7
Status: ongoing



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Website: <http://www.redubar.eu>

Objective: remove or decrease obstacles and barriers along the utilisation chain of biomass

Benefits: better chances and competitiveness for biogas in the heat, cooling and power market

Keywords: energy; biogas; renewable

Duration: 12/2006 – 05/2009

Budget: 1.347.592€ (EU contribution: 49,99%)

Contract number: EIE-06-221

Short description

A way for using RES is the conversion into biogas and power generation. To increase the efficiency and for a substitution of the fossil energy carrier natural gas it is highly recommended to convert biogas into biomethane and distribute it by official natural gas grids to modern high efficient poly generation systems (heating, cooling, climatisation). Main objective of the project is to determine and remove existing non-technological and administrative obstacles and barriers and to propose legislative regulations for the injection of biomethane into natural gas grids and its distribution. The project partners will deliver a complete analysis of regulations in the EU member countries concerning the utilization chain of biomethane. A road map will be elaborated, which will include recommendations for implementation and adaptation of legislative and technical regulations; an information and education program related to the different state of knowledge Europe-wide and a dissemination plan of successful projects of biomethane distribution and utilisation.

Expected and/or achieved results

1. *Models for the evaluation of technology chains from biomass over biomethane production and transportation to distribution and to the polygeneration of power, heating and cooling.*
2. *The identification of non-technological administrative obstacles and barriers in the utilisation of biogas for power generation, heating and cooling purposes.*
3. *Based on this analysis recommendations will be given to legislative acting or rule establishing bodies in the EU and their member states. These recommendations concern technical regulations as well as legislative rules and market control measures*
4. *A communication and dissemination plan for information and education the target groups*

Lessons learnt

This project has just started. It is therefore too early to draw lessons.