



# BIOGASSYS

Demonstration of a sustainable biogas system



# A sustainable system for the production and the use of biogas

**The main goal** of the project BIO-GASSYS that takes place from 2010 to 2015 is to demonstrate the great potential of biogas as an energy source and as a tool to reduce greenhouse gas emissions.

Under the right conditions, biogas is a cost-effective alternative for both energy production and energy consumption. Biogas is environmentally and economically efficient and even provides positive spin-off effects to other social developments.

By encouraging decision-makers, entrepreneurs and other stakeholders within the EU to increase the production and the usage of biogas, the project will demonstrate a sustainable biogas system and present new solutions and methods to overcome critical steps in the biogas lifecycle. Examples of such are different sizes of plants, independent and common production associations and communication methods.



## These actions will take place within the project

- Design of decision tools for an increased biogas development including a GIS-system
- Demonstration of good practice examples from the complete biogas chain
- Demonstration of new possible biogas applications
- Efforts in an increased consumption of biogas
- Establishment of a biogas centre in Trelleborg

## Project results

- Decreased carbon emissions in the region of Skåne
- Increased production of biogas in the region of Skåne
- Increased consumption of biogas and more biogas vehicles on the market
- The region of Skåne will have become a knowledge- and information centre for nature in Europe
- Increased interest in the production of biogas and the establishment of new plants
- A guide about sustainable production and usage of biogas, addressed to investors and decision-makers
- A GIS-based tool for planning and modelling of production plants, focused on technical, economic and environmental criteria





# About BIOGASSYS

The aim of this project is to show the great potential of biogas as an energy source as well as to demonstrate a sustainable system for the production and the usage of biogas. The participants of this project are Trelleborg Municipality, Skånska Biobränslebolaget, WSP, Lund University, E.ON, City of Malmö and Biogas Syd.

BIOGASSYS is co-financed by the EU's LIFE programme and the project takes place between 2010 and 2015.

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