Intelligent Energy Europe

EIE-07-121 BioMotion

Project-Partner:

Germany:
Leadpartner
3N Kompetenzzentrum
Nachwachsende Rohstoffe
Landwirtschaftskammer Niedersachsen

Zentrum für Nachwachsende Rohstoffe
Landwirtschaftskammer Nordrhein Westfalen

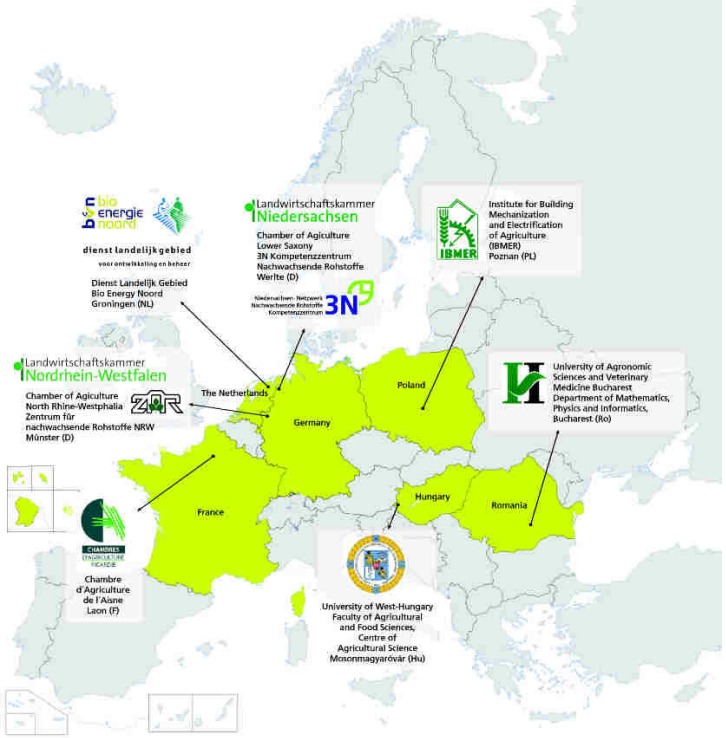
Netherlands:
Dienst Landelijk Gebied
Bio Energy Noord
Groningen

France:
Chambre d`Agriculture de l`Aisne
Laon

Poland:
Institute for Building, Mechanization and Electrification of Agriculture (IBMER)
Poznan

Hungary:
University of West-Hungary
Faculty of Agricultural and Food Sciences,
Centre of Agricultural Science
Mosonmagyaróvár

Romania:
University of Agronomic Sciences and Veterinery Medicine Bucharest
Department of Mathematics, Physics and Informatics
Bucharest



Niedersachsen · Netzwerk
Nachwachsende Rohstoffe
Kompetenzzentrum 3N

3N Kompetenzzentrum

Kompaniestraße 1
49757 Werlte
Germany
www.3-n.info

Fon: +49 (0) 5951-9893-10
Fax: +49 (0) 5951-9893-11

Project-Webside:

www.biomotion-project.eu/

Information, Motivation and Conversion Strategies for Biofuels

EIE-07-121 BioMotion

Intelligent Energy Europe

BioMotion
Biofuels in Motion

Information, Motivation and Conversion strategies for bio fuels with consideration of the special regional structures

Information, Motivation and Conversion strategies for bio fuels with consideration of the special regional structures

Targets of the BioMotion-Project:

- Increase the knowledge and the acceptance of bio fuels
- Encouragement of regional implementation strategies
- Creation of a transnational knowledge network

Field of work of the BioMotion-Project:

- Buildup information centrers
- Webpage
- Employee Briefings, Staff Information´s events, Staff Briefing, workshops
- Trade press, Brochures

BioMotion-Tour 2009

- Paris – Bukarest – Hannover
- Promotion tour with different
- bio fuel cars
- Encouragement and development lof regional agricultural value added chains

Project Duration :

01.09.2007 – 30.04.2010

Biofuels...

are alternative, environmentally friendly renewable fuels produced from biomass. They replace petrol and diesel produced from fossil oil.
At present, the following biofuels are available in their pure form or mixed with fossil based fuels:

- Vegetable oils (DIN V 51605) –
- Biodiesel (DIN EN 14214)
- Bioethanol (DIN EN 15376)
- Biogas

Vegetable oil fuels und biodiesel are produced mainly from oilseed rape, sunflower and soybean oil. Bioethanol is produced from sugar and starch crops such as sugar cane, sugar beet, cereals and maize. Biogas is produced though the anaerobic fermentation of whole crops, and farm or food wastes.

The production of biofuels from cellulitic materials such as wood and straw is being researched. More development work is needed before commercial industrial scale production is a reality.
Examples include BtL (Biomass to Liquid) and bioethanol from straw and wood cellulose.

→ Finite fossil oil reserves,
→ climate change and our need for mobility necessitate change!

Along with efficient engines and alternative sources of energy such as solar and hydrogen, biofuels make a contribution to sustainable mobility.

The objective of the BioMotion project increase the level of acceptance and use of biofuels by bringing together information and using cluster building to support regional implementation strategies. Climate change around the world, the need for mobility, increasing oil prices and the resulting need for actions in the EU are all factors that have led to an increased interest in EU member states in including biofuels in their future energy supplies.

The BioMotion-Tour will be a special experience starting in Paris and ending at the Agritechnica 2009 in Hannover after passing though all partner countries. Biofuel producers, retailers, fleet operators, motor manufacturers and dealerships as well as regional initiatives and users in Niedersachsen can participate. BioMotion is supported through the EU Intelligent Energy Programme.

EIE-07-121 BioMotion

Intelligent Energy Europe