

GASHIGHWAY PROJECT

Promoting The Uptake Of Gaseous Vehicle Fuels, Biogas and Natural Gas, In Europe

Duration: 3 years (may 2009 – may 2012)



Objectives of the project

- ✓ Realisation of a comprehensive network of filling station for biomethane and CNG spanning Europe from the north, Finland and Sweden, to the south, Italy.
- ✓ Mapping the key actors (existing and potential biogas producers, users of gas vehicles, operators and investors of gas filling stations)
- ✓ Collecting information and material about best practices and experiences in order to highlight and to overcome existing regulatory and market barriers for biogas and biomethane use in transport

Partner:

- Jyvaskyla Innovation Ltd. (Finland)
- Technology Centre Hermia (Germany)
- German Society for Sustainable Biogas and Bioenergy Utilization (Germany)
- Swedish Gas Centre Hermia Ltd. (Sweden)
- Monus Minek SEES LLC (Estonia)
- Regional Development Agency S.A., Bielsko-Biala (Polonia)
- Institute for Fuels and Renewable Energy (Polonia)
- Czech Biogas Association (Czech Republic)
- Graz Energy Agency Ltd. (Austria)

- Steirische Gas-Warme GmbH (Austria)
- Environment Park S.P.A. (Italy)
- ETA Florence (Italy)
- Natural Gas Vehicle Association Europe (Spain)



Results:

- ✓ Guidelines for production, transport and distribution of biomethane
- ✓ Significant increase in the number of gas vehicles and gas filling station
- ✓ Economical evaluation of biomethane production and upgrading for transportation

Working tools and methodology:

- ✓ Know-how transfer of best practices and feasibility studies
- ✓ Techno-economic analysis and business plan of biogas production, upgrading and injection to the natural gas grid
- ✓ Techno-economic analysis, feasibility study and business plan of fuel supply infrastructure
- ✓ Market and informative survey