


Regional Study for gas supply expansion for Styria, Austria

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Country	Austria
Region	Styria
Are there existing filling stations and natural gas and biogas driven cars already in the region?	yes

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1. Expansion Plans for gas filling stations

1.1. Identify regional network or partners for new filling stations

Partners within the Oil-industry are: OMV, BP, AGIP, IQ, Doppler, Stiglechner and Roth.
 Partners within the gas-industry are: Salzburg AG, OMV Gas, Energie Graz, Steirische Gas-Wärme.
 Steirische Gas-Wärme and Salzburg AG signed a co-operation agreement to expand the natural gas filling station infrastructure in the Styrian region.
 Salzburg AG has an agreement with AGIP, Doppler and Stiglechner to built natural gas filling stations on their sites.

1.2 Identify needs in your region

Preferential treatment for investment of natural gas filling stations (e.g. tax incentives)
 Retention of the natural gas charge (natural gas tax) for natural gas as fuel and the exemption from this charge (tax) for bio-methane used as fuel
 During the build-up phase (2-3 years) for biogas production and upgrading plants the exemption of the natural gas charge should also be valid for a product which just contain 10% bio methane

1.3 Identify potential owners of new gas filling stations in your region

Due to the signed co-operation agreement mentioned in 1.1. the identification of potential owners of new gas filling stations is not necessary.

1.4 Identify decision makers in your region

Asset manager from oil companies
 Leaseholder of petrol stations
 Market development manager from natural gas companies

1.5 What else is necessary to reach the planned expansion of gas filling stations in your region?

2. Expansion Plans for biogas plants

2.1. Identify regional network or partners for new biogas plants

Farmer (agriculturist)
 Operator of clarification or sewage plant
 Municipalities (council stuff) and public utilities
 Waste management company or garbage collector
 Energy and gas supplier

2.2 Identify needs in your region

Market driven energy feed-in tariff (green electricity fees or subsidies)
 Feed-in regulation for bio-methane into the natural gas net
 Preferential treatment for investment

2.3 Identify potential owners of new biogas plants in your region

Energy provider (Steirische Gas-Wärme, Salzburg AG, etc.)
 Chemical industry, brewery, etc.
 Sewage treatment plant
 (Due to the high raw material price, farmers have no interest to invest in new biogas plants).

2.4 Identify biogas plant decision makers in your region

Energy provider
 Chemical industry
 Large farmers
 Waste management company and/or garbage collector
 Operator of clarification or sewage plant

2.5 What else is necessary to reach the planned expansion biogas plants in your region?

Price alignment of bio-methane
 (Today in Styria there are 40 biogas plants in operation; now the trend is to go for high duty plants)
 Rethinking concerning the use of renewable energy (Bio-methane)

3. Expansion Plans for plants for upgrading biogas to biomethane

3.1. Identify regional network or partners for upgrading

Raw materials
 Chemical and food industry, brewery, etc.
 Waste management company and/or garbage collector
 Large farmers

Technology interested companies
 Energy provider
 Operator of clarification or sewage plant
 Large farmers

3.2 Identify needs in your region

Market driven energy feed-in tariff (green electricity fees or subsidies)
Feed-in regulation for bio-methane into the natural gas net
Preferential treatment for investment
Enlargement of CNG filling station network

3.3 Identify upgrading decision makers in your region

Technology interested companies
Energy provider
Operator of clarification or sewage plant
Large farmers

3.5 What else is necessary to expand the upgrading in your region

More natural gas vehicles

4. Other comments