


Regional Study for gas supply expansion for Podkarpackie and Malopolska, Poland

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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

There is only one company at this moment which builds and running CNG filling station – a national deliverer of natural gas PGNiG. Over the time that PAE running the project and lobbying for using CNG and building new filling stations, there was not built even one station in regions Podkarpackie and Malopolskie. There is no interest in new CNG stations. The investors – the owners of gasoline or LPG filling stations don't see "the business". There was few potential investors however in time of crisis no one wants to invest in such "unsafe" business even if in Podkarpackie there is enough local natural gas resources for households and NGV's in large number.

1.2 Identify needs in your region

In regions Podkarpackie and Malopolskie ther is great need for new filling stations. Only larger number of filling stations with 24 /7 access can convince people to buy and use NGV's as private and company cars. The problem is that the PGNiG filling stations are "experimental" in economical field for them. The maximal distance between stations shouldn't be greater than 50 km in rural areas and in the cities at least at 3 main outgoing roads from the city and in large cities like Krakow should be few stations located on orbital road. Those numbers incoming from interviews with car users and fleet managers in region.

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

Potential owners for CNG filling stations are owners of filling stations like Watkem, or larger nets like Orlen or Statoil. The station cannot be franchised mark becose only large investor can afford for filling instalation and necesery requirement is that large fleet of cars will sign up agreement about long term CNG – fuel delivers.

1.4 Identify decision makers in your region

Local Authorities, Podkarpackie Voivodeship, Malopolskie Voivodeship, PGNiG: division Rzeszow, division Jarosław, division Krakow,

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

Government and local authority system of financial support for NGV's users and owners of new filling stations. System of direct support and/or system of tax relives. Other possibility is a investor from other country than Poland.

2. Expansion Plans for biogas plants

2.1. Identify regional network or partners for new biogas plants

There is only few identified partners to development biogas plants – existing waste utilization companies which produce on small scale waste – biogas

2.2 Identify needs in your region

Small biogas plant existing need upgrading biogaz instalation.

2.3 Identify potential owners of new biogas plants in your region

Few local authorities of small communities in public private cooperation.

2.4 Identify biogas plant decision makers in your region

Local Authorities, Podkarpackie Voivodeship, Malopolskie Voivodeship especially in supporting programme Regional Operation Programme.

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

Consequent decisions of local authorities, strong support from Voivodeship Government.

3. Expansion Plans for plants for upgrading biogas to biomethane

3.1. Identify regional network or partners for upgrading

At this moment there is no interest fo upgrading biogas and biomethane plants

3.2 Identify needs in your region

Region need a large investor which is ready to invest in biogas and upgrading biogas plant. The plant must be situated close to the one of the cities to utilize comunal waste biofraction

3.3 Identify upgrading decision makers in your region

Local Authorities, Podkarpackie Voivodeship, Malopolskie Voivodeship

3.5 What else is necessary expand the upgrading in your region

Suppotring programme from Voivodeship Government, tax reliefes,

4. Other comments