


Regional Study for gas supply expansion for Aragón/La Rioja/ Castilla y León, Spain

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Work Package	WP 4: Supply and distribution infrastructure for gas fuels
Country	Spain
Region	Aragón/La Rioja/Castilla y León
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

Managers and owners of urban public transport with depot based fleet than can host a filling station: Public bus transport, local taxi companies and fleets for withdrawal of solid urban residues.

All regional public administrations are fomenting the implantation of clean energies, this include the use of natural gas in vehicles.

Gas Natural SDG (main distribution company of natural gas in Spain) is working actively to implant the use of GNV.

There are also private initiatives, but there is still the recursive problem that because of no filling stations the consumer is not interested in buying GNV.

1.2 Identify needs in your region

One public filling station in cities with at least 160000 population (Salamanca, Burgos, Valladolid, Soria, Logroño y Zaragoza).

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

Private initiative.

Managers and owners of urban public transport with depot based fleet than can host a filling station: Public bus transport, local taxi companies and fleets for withdrawal of solid urban residues.

1.4 Identify decision makers in your region

Central government, regional and town hall ones.
Distribution companies of natural gas (mainly Gas Natural SDG).
Owners of already implanted petrol filling stations.
Public bus transport companies, local taxi companies and fleets for withdrawal of solid urban residues.
Consumers in general.

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

Mainly announce to potential GNV costumers and potential owners of filling stations, the economic and environmental advantages of GNV's use.

2. Expansion Plans for biogas plants

2.1. Identify regional network or partners for new biogas plants

Actually the interest in biogas plant is mainly for R&D, with little commercial exploitation. (Its cheaper import GN). There is an increasing interest in biomass energy sources, but the high costs of implantation of biogas plants are stopping the possible investors.

2.2 Identify needs in your region

Mainly announce to potential biogas producers, the economic and environmental advantages of biogas production.

2.3 Identify potential owners of new biogas plants in your region

Cattle farmers, pig farmers, urban waste water treatment plants, urban solid biodegradable wastes, fermentation based industries (wine producers, brewery, starch products)

2.4 Identify biogas plant decision makers in your region

In fact central government, regional and town hall ones. Without a policy of incentives (tax reductions or of another type) the implantation of biogas plants is really difficult.

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

To achieve a well proven technology of biogas plants.

3. Expansion Plans for plants for upgrading biogas to biomethane

3.1. Identify regional network or partners for upgrading

Actually the interest in plant for upgrading biogas to biomethane is mainly for R&D, with little commercial exploitation. (Its cheaper import GN). There is an increasing interest in general biomass energy sources, but the high costs of implantation of upgrading plants are stopping the possible investors.

3.2 Identify needs in your region

Mainly announce to potential biogas producers, the economic and environmental advantages of biogas production.

3.3 Identify upgrading decision makers in your region

In fact central government, regional and town hall ones. Without a policy of incentives (tax reductions or of another type) the implantation of biogas plants is really difficult.

3.5 What else is necessary expand the upgrading in your region

Mainly economic profitability. Mainly announce to potential biogas plants investors the economic and environmental advantages.

4. Other comments

In general there is an active interest to implant GNV vehicles, buto very low interest to use biogas.