The Development of BioNGV Strategies and Projects in France

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Content

1. French Framework

2. Strategies and projects for local authorities

3. Strategies and projects for farmers
French Framework for biomethane

- Gas grid injection = mechanism support scheme
  - Feed-in tariff for biomethane: 64€/MWh-125€/MWh
  - Guaranty of origin:

  The gas supplier will sell 1MWh of natural gas + 1GO
  Or 1MWh of CNG + 1GO

Each MWh injected is the property of a gas supplier

The gas supplier will create 1 GO/ MWh injected
Strategies and projects in local authorities

• Main drivers
  ▪ In urban areas
    • Reduction of CO₂ Emissions, SEAP : RES for local production
    • Circular economy
    • Air quality : -> impact in public transport, and in logistic, -> GNV development
    • New power on Energy for local authorities : Metropole… energy decentralization
  ▪ Type of biogas projects :
    • Water treatment plant : biomethane production for public transport, for the territory….. For public/private GNC refuelling station
    • Problem : how to make sure that local production (GO) will be sell for local valorisation -> guideline within Biogas action Project (public procurement…)
Strategies and projects in local authorities

• Main drivers
  ▪ In rural areas
    • Reduction of CO₂ Emissions, SEAP : RES for local production
    • Economic development / local resources management
    • Alpine areas: Air quality: -> impact in public transport, and in logistic -> NGV development
  ▪ Type of biogas projects:
    • Territorial biogas plant Water treatment plant with co-digestion: -> biomethane production for public transport, for the territory…..
    • Questions on BIONGV refuelling stations supplied by LGV? before territorial/local productions
Strategies and projects for farmers

• Main drivers
  ▪ For biomethane production with gas grid injection
    • Profitability, efficiency, easy operation /CHP plant
    • Public acceptance
    • Fuel autonomy
  ▪ Diversification -> public refuelling station

First refuelling station owned by farmers in France
Second in Europe after Kalmari farm Finland
Astrade source
Strategies and projects for farmers

• Main drivers, other project development
  ▪ For fuel production in a biogas plant with CHP:
    • Fuel autonomy
    • Diversification -> own refuelling station (“agri GNV” from Prodeval)
    • 10% biogas flow, and market in evaluation within Biogas action project: size for 1 truck and cars or 15 cars

Prodeval source
Thank you for your attention

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