

Building a regional infrastructure for biomethane

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FordonsGas Sverige AB



- Founded in 1998
- Owners: Göteborg Energy AB
DONG Energy AS
- 31 filling stations
- Number of employees: 19
- Turn over: 9,5 M€
- Sales volume 2008: 12 MNm³

Filling stations in west Sweden



Biogas Max
- Biogas Highway

Vänersborg
Skara
Lidköping
Falköping
Göteborg (3)
Jönköping
Mariestad

Build the market at the same time as the infrastructure!



- Municipalities
- Local Authorities
- Taxi vehicles
- Logistics companies
- Public transport
- Company cars

Keeping the client in focus



- Key location
- High availability – more than 99 %
- Official road signs
- Open 24 hours
- Safe and clean
- Easy to access
- Good location for strategic clients
- High quality support

Total cost for a filling station



	<u>Euro (€)</u>
Permits	2 500
Civil engineering	50 000
Electricity grid fee	2 000
Communication fee	2 500
Road information	5 000
Compressor building	300 000
Mobile storage	160 000
Back up mobile storage	80 000
Weather shelter	15 000
Price information	15 000
Payment system	<u>15 000</u>
Total	647 000

Timetable new filling station



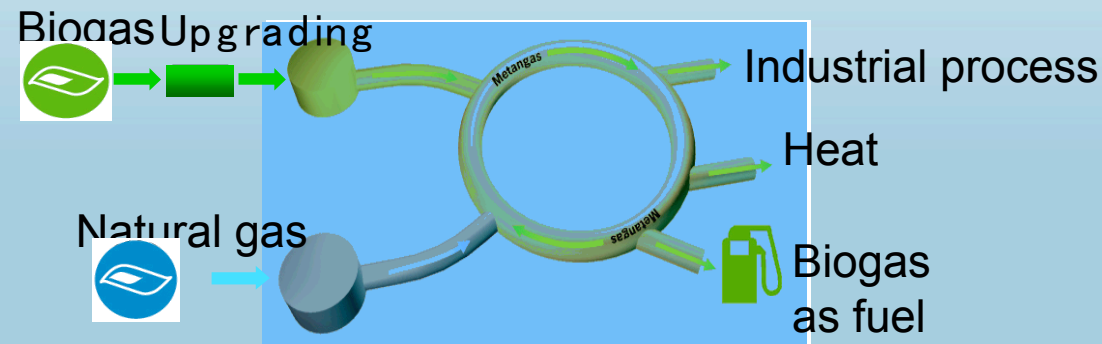
- Varies from 6 months to several years
- Permits most difficult to plan
- Long delivery time (steel)
- Cold winters (Scandinavia) decides time for ground work

Recommendations available in English (30 €)
- Order at info@gasforeningen.se

Gas supply

– three ways to distribute biomethane

- *Local biomethane grids*
- *Mobile storage*
- *Grid injection (green gas principle)*



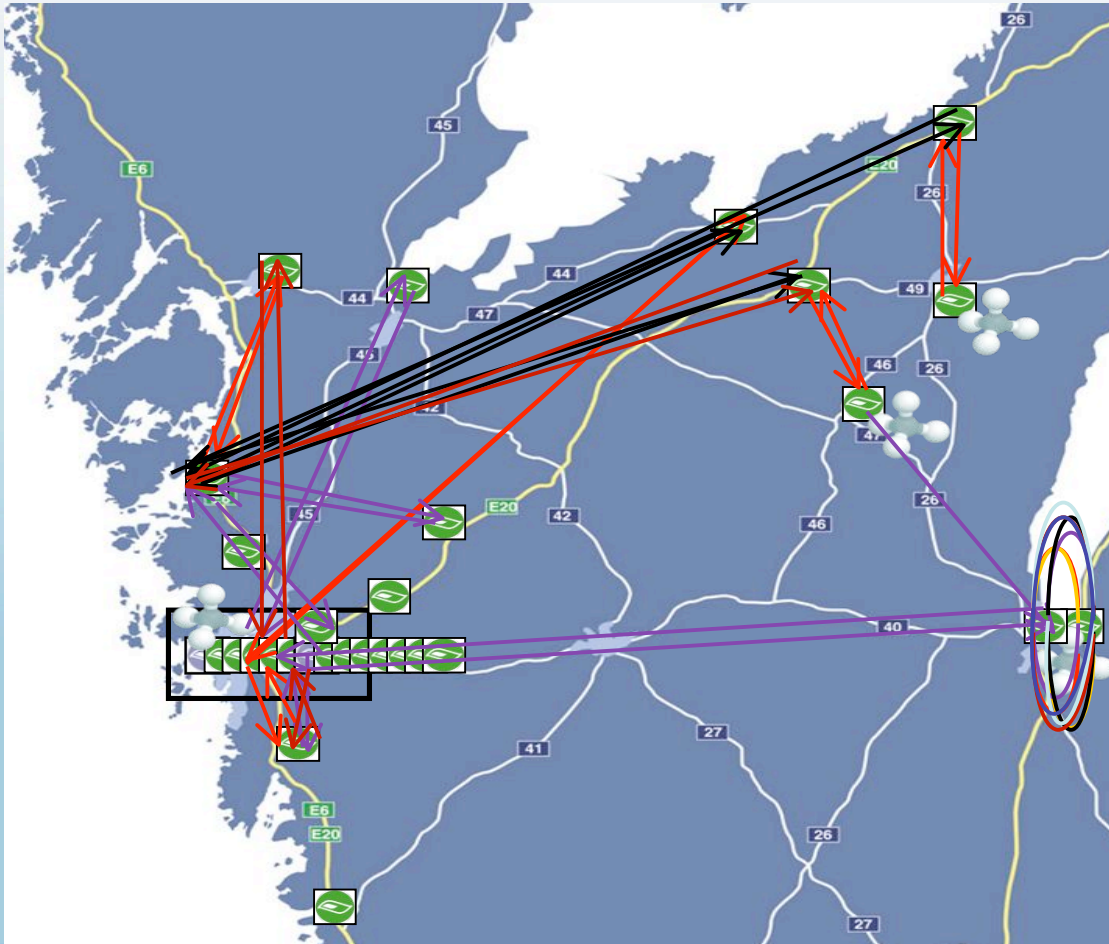
Mobile storage - containers



- Volume:
1900 Nm³
3600 Nm³
- ADR-transport
- Pressure: 230 bar
- 50-100 km range



Container movements week 35



Mon	12
Tue	2
Wed	13
Thu	8
Fri	8
Sat	2
Sun	2
Total	47

The world's first ecolabelled fuel

- Certified from well to wheel
- Minimum 1/3 renewable fuel
- Limited greenhouse gas emissions
- Controlled energy usage during production and distribution
- Lower cancerogenic risk
- Certified sustainable and traceable cultivation



Thank you for your attention!

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