Biogas in Finland
- Current situation and future perspectives

Vaasa Gas Exchange 22.3.2018

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Finnish Biogas Association
Biogas production in Finland

Total: 920-1140 GWh

heat 400-480 GWh
electricity 170 GWh

Map: Finnish Biogas Association
Gas infrastructure

Biogas upgrading to biomethane: 14
Injection into the gas grid: 5

CNG/CBG stations
Gasum: 26
Others: 13

LNG stations: 4

4000 gas vehicles
2017: 27 GWh (estimation)
Circwaste – project promotes the development of the biogas ecosystem in Central Finland

Photo: Sihvari
Future perspectives?

Increase in biogas production (potential 9-16 TWh)
New feedstocks for biogas production
LBG production
Gasification, PtG

Increase in traffic use, especially heavy traffic
RED2

Biomethane injection into gas grid
Biogas/methane cross border trade
Future perspectives?

(Eco)nutrient production
Production of valuable compounds, e.g. VFA
Value from CO₂
Biogas/biomethane as feedstock for chemical industry
Biogas/biomethane as a brand

Logo: Gasum
Thank you!

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