



Central Finland, lessons learnt on peer to peer process in BiogasAction

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Current biogas production in Central Finland

Multiple source production

- Landfill~ 18GWh
- Wastewater treatment plant ~ 13GWh
- Biogas plant from household wastes ~ 15 GWh
- Agro and agro + municipality
- Pulp mill sludge + WWTP ~ 24 GWh

Biogas potential 460GWh, mainly grass & straw (72%), manure (15%)

5 filling stations (one with LNG), 6th under construction



CIRCWASTE promotes the development of a biogas ecosystem in Central Finland

What we have:

- Strong commitment from public sector, active companies and R&D projects.
- Investments >20M€ in past 4 years.

We need to learn more:

- Biogas in transport use
- Public procurement, especially public transport



Biogas use in traffic

- **Alignments for sustainable mobility**
- Increasing the use of biogas in traffic
- Changing leasing cars to biogas → most of them will be changed 2018-19
- Public transportation - a survey soon ready
- Public procurement demand: new waste trucks have to be fuelled with biogas → the first three started in April 2017
- Total Ltd, a city owned company of real estate services, is changing all its' vehicles



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What we gained from BiogasAction follow up

- Outsiders view on our progress
- Excellent contacts, SE Kalmari/Växjö actors
- A real life example how to succeed

In practice

- The importance of commitment, on political level.
- Higher ambition level in strategies, but also funding via political commitment.
- Public tendering of the whole public transport a very encouraging example
- Clear roles of the actors throughout the supply/value chain. Commitment through the supply chain.