Svensk Biogas i Linköping AB/ Tekniska verken

• 19 years experience of full scale biogas production

• 100 % renewable vehicle fuel produced using organic material

• Local production of biogas (Tekniska verken):
  – Linköping (Co-digestion and WWTP)
  – Sweden's largest biogas plant!
  – Partnerships in Motala and Katrineholm WWTP

• Operates its own filling stations in the counties of Östergötland and Södermanland (Svensk Biogas):
  – 12 filling stations and 3 bus depots
  – >160 busses in three cities, 25 garbage trucks
  – >3 000 cars (public and private)
Total production of biogas at Tekniska verken

1 Nm$^3$ raw biogas (65 % methane) ≈ 0,7 liter petrol ≈ 6 kWh
1 Nm$^3$ upgraded biogas (97 % methane) ≈ 1,1 liter petrol ≈ 10 kWh

≈ 130 GWh 2014, replaces
≈ 14 000 000 liter petrol
Tekniska verken R&D Biogas
- experts on anaerobic digestion in full scale and labscale

• Long experience of developing full-scale biogas production

• Well-equipped laboratory with patented reactors for:
  • Continuous digestion investigations
  • BMP-tests
  • Water and sludge analysis

• Perform both in-house research and external assignments
R&D Biogas

BMP-test with continuous gas measurement- AMPTSII
R&D Biogas

Continuous digestion experiments in patented reactor
Biogas Research Center

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