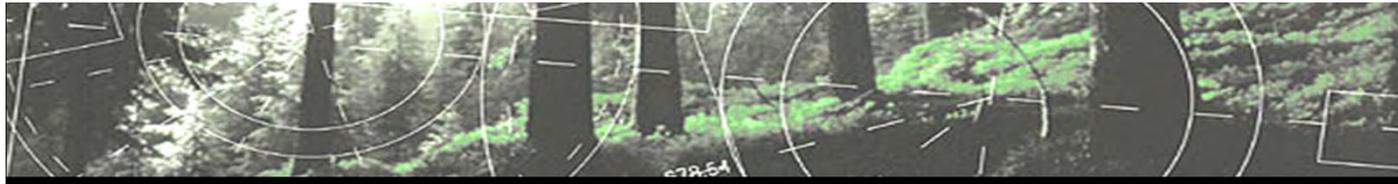




repotec
renewable power technologies

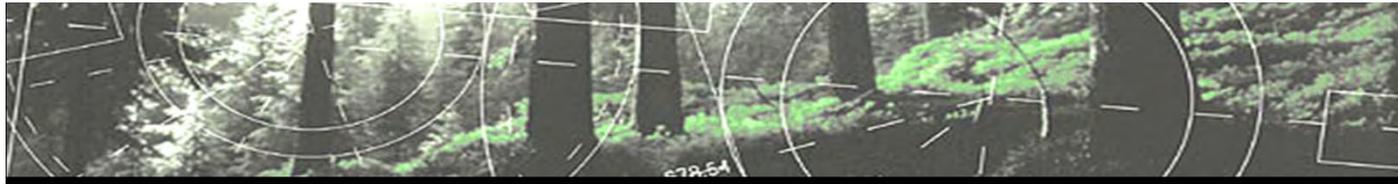


repotec
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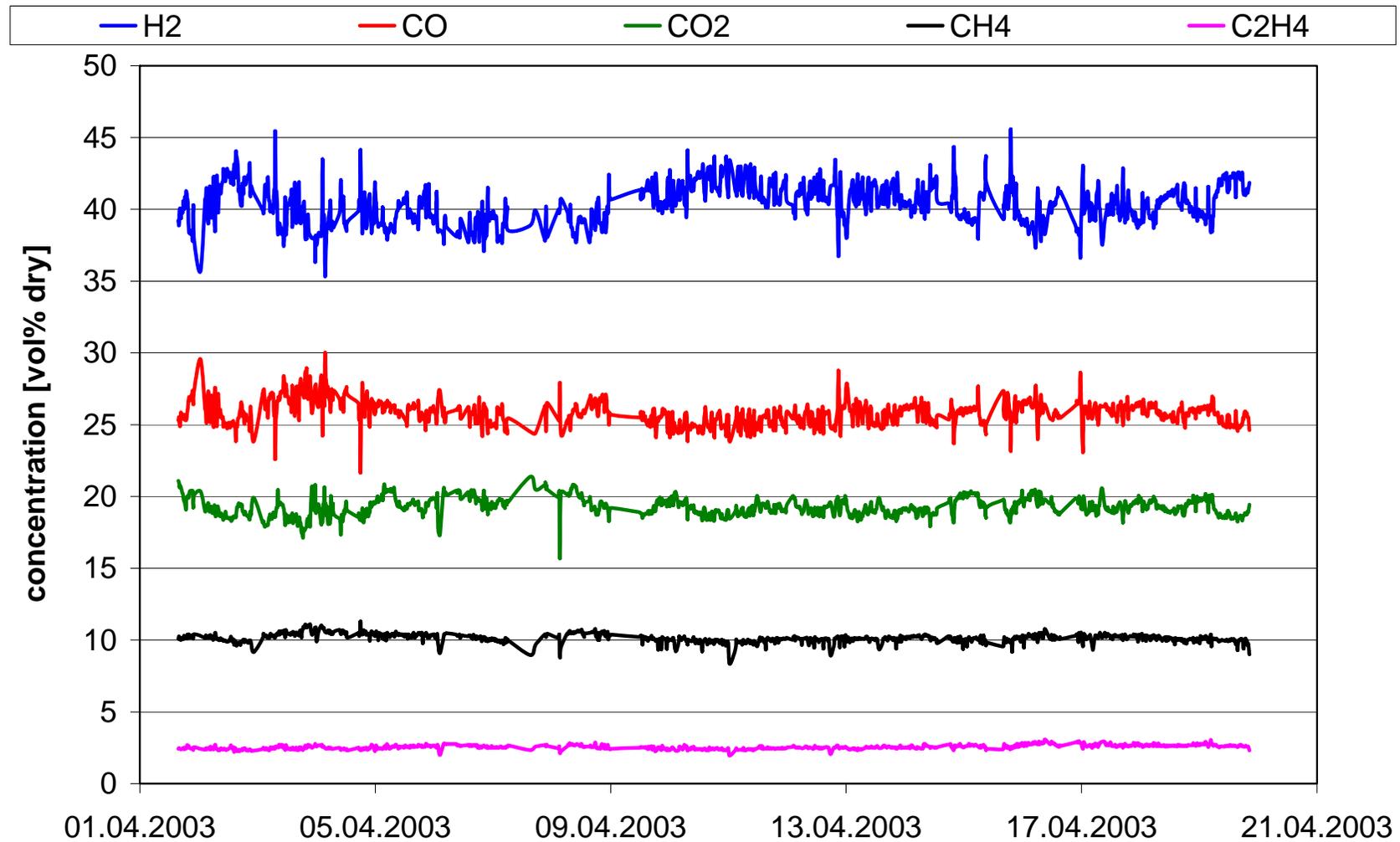


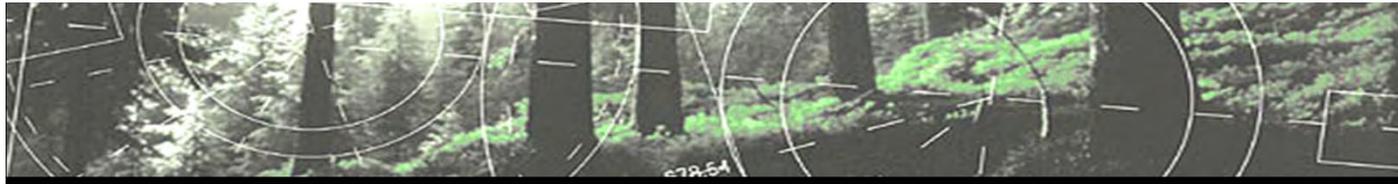
Biomassekraftwerk Güssing





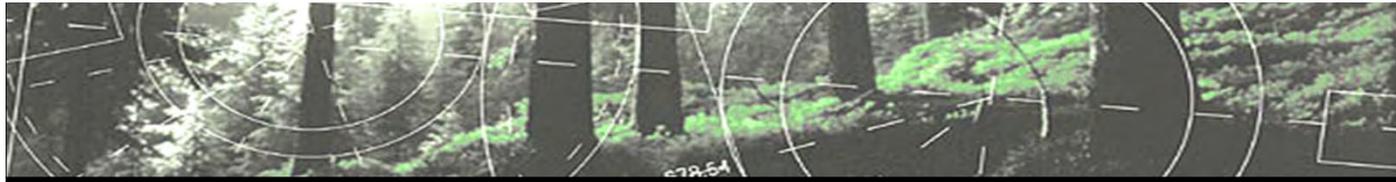
Gaszusammensetzung





Bio-SNG Laboranlage2003





Bio-SNG Langzeitversuche

Methanation (BioSNG)

Fluidized bed reactor

Temperature 300-350 °C

Pressure 1-5 bar

Capacity ~ 10 Nm³/h

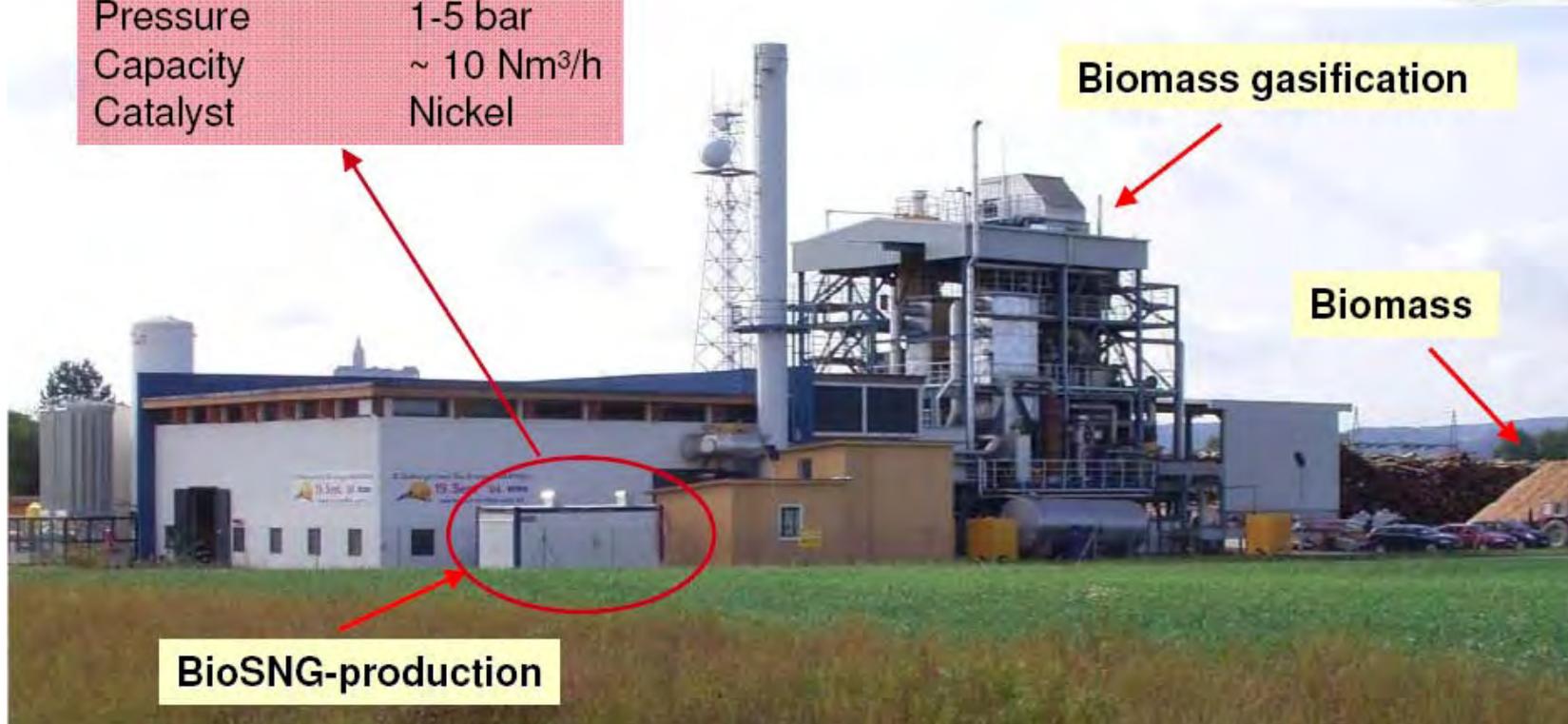
Catalyst Nickel



Biomass gasification

Biomass

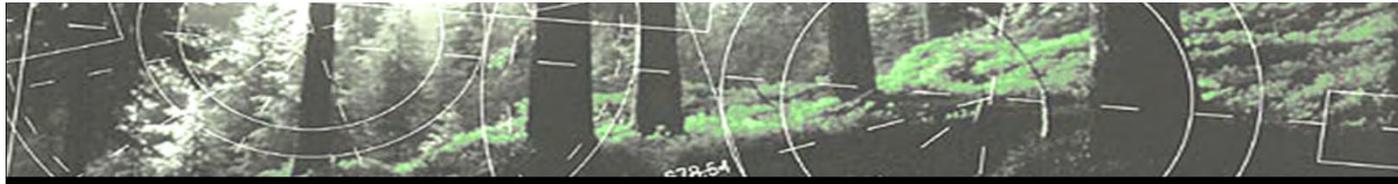
BioSNG-production





Bio-SNG 1 MW Demonstrations- Anlage Güssing





Biomasse – Vergaser

SNG – Anlage

Technikum



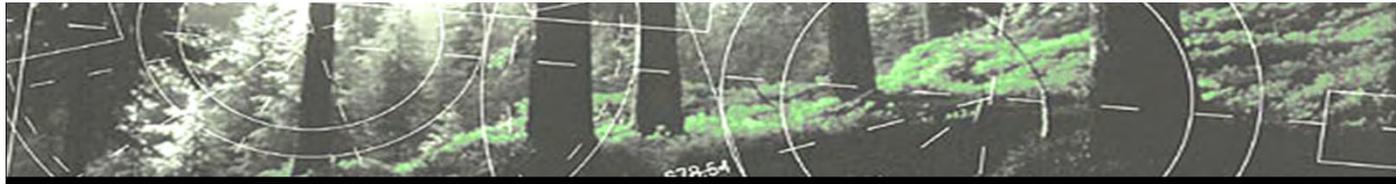
GoBoGas Projekt

Phase 1

- Demonstrationsanlage**
- Evaluation, F&E**
- 20 MW SNG**
- 24 Mio. €Förderung von der Swedish Energy Agency**
- Inbetriebnahme Ende 2013**

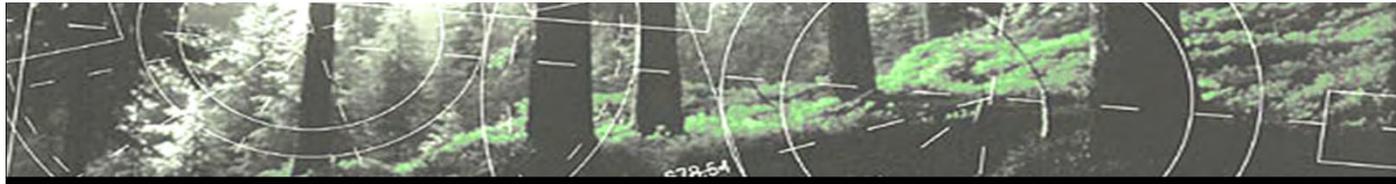
Phase 2

- Kommerzielle Anlage**
- 80 MW SNG**
- EU – Förderung aus dem Programm NER300**
- Inbetriebnahme 2017**



GoBoGas Projekt





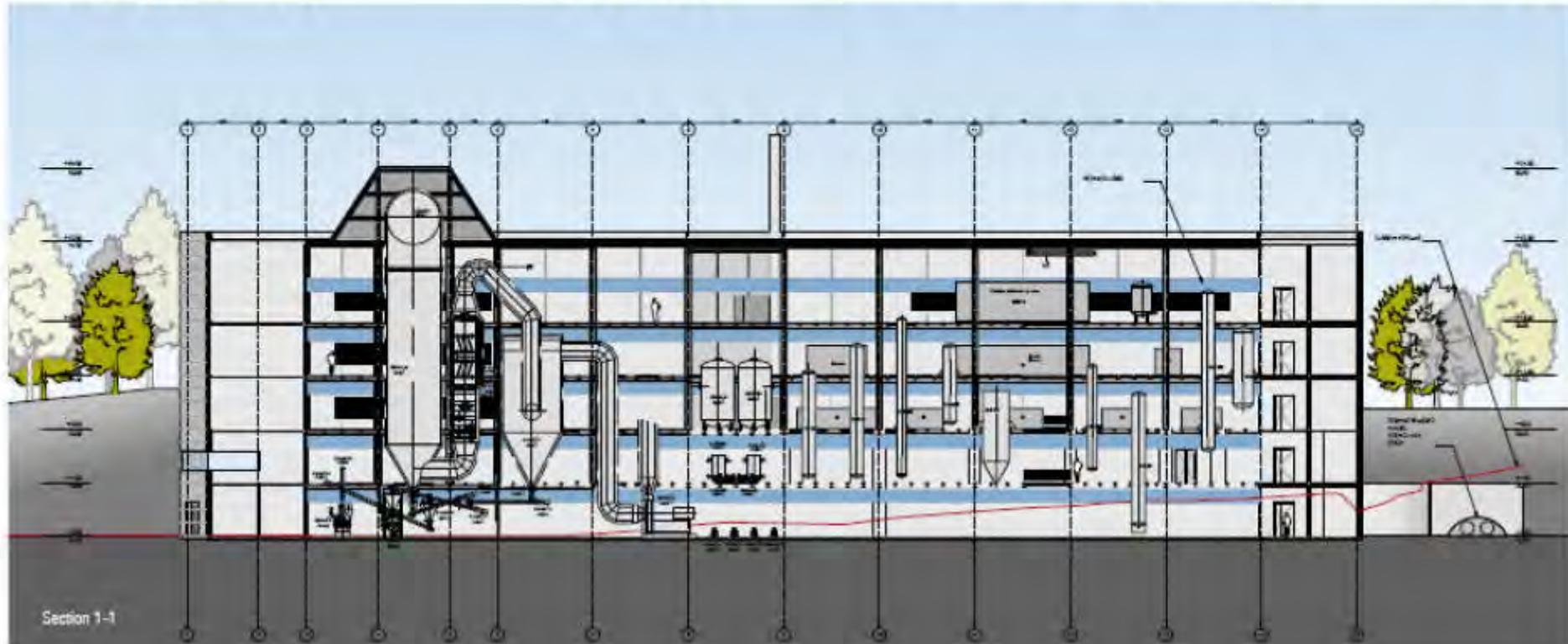
GoBoGas Phase 1

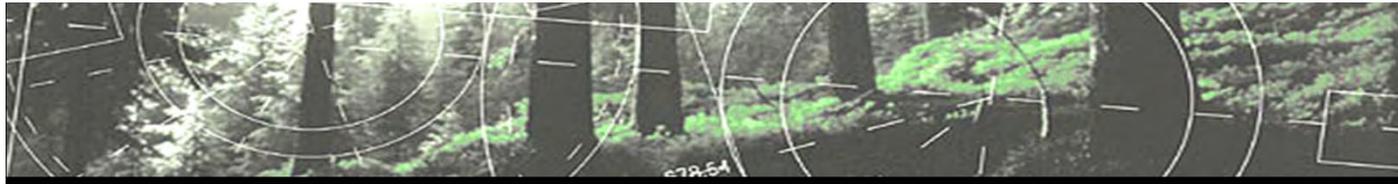
Consumption:

Fuel (wood pellets)	32 MW
Electricity	3 MW
RME (bio-oil)	0,5 MW

Production:

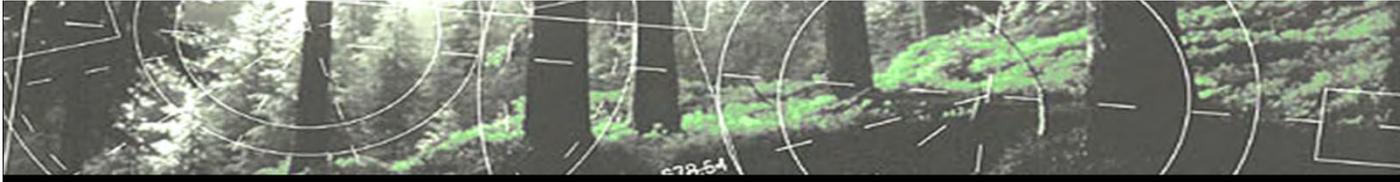
Biomethane	20 MW
District heating	5 MW
Heat to heat pumps	6 MW

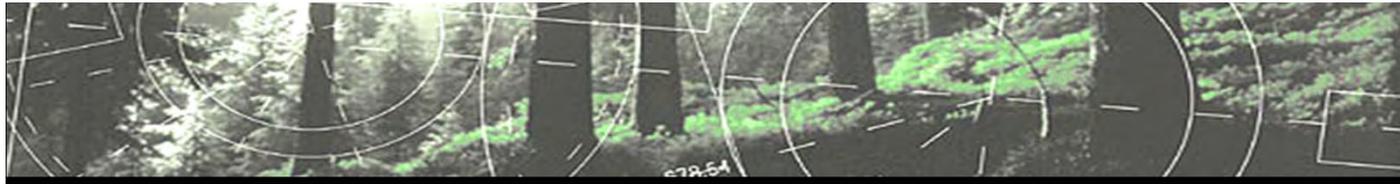


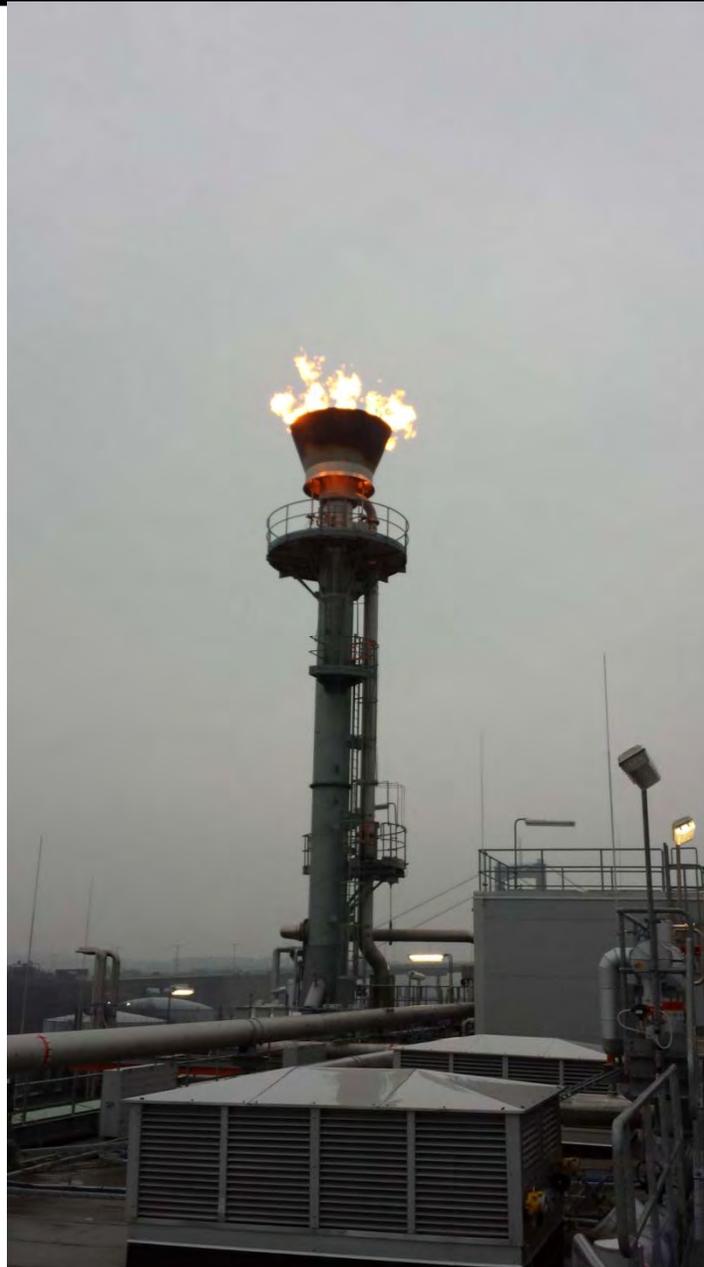
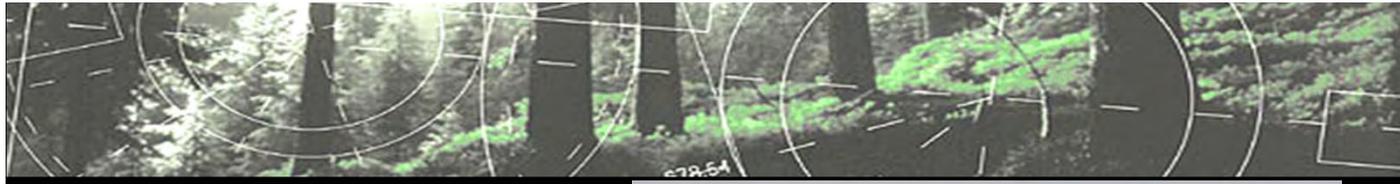


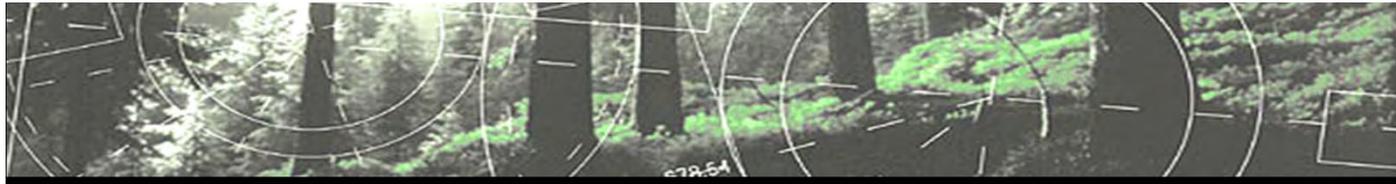
GoBiGas Vergaser











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Energy for the Future

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