

GoBiGas

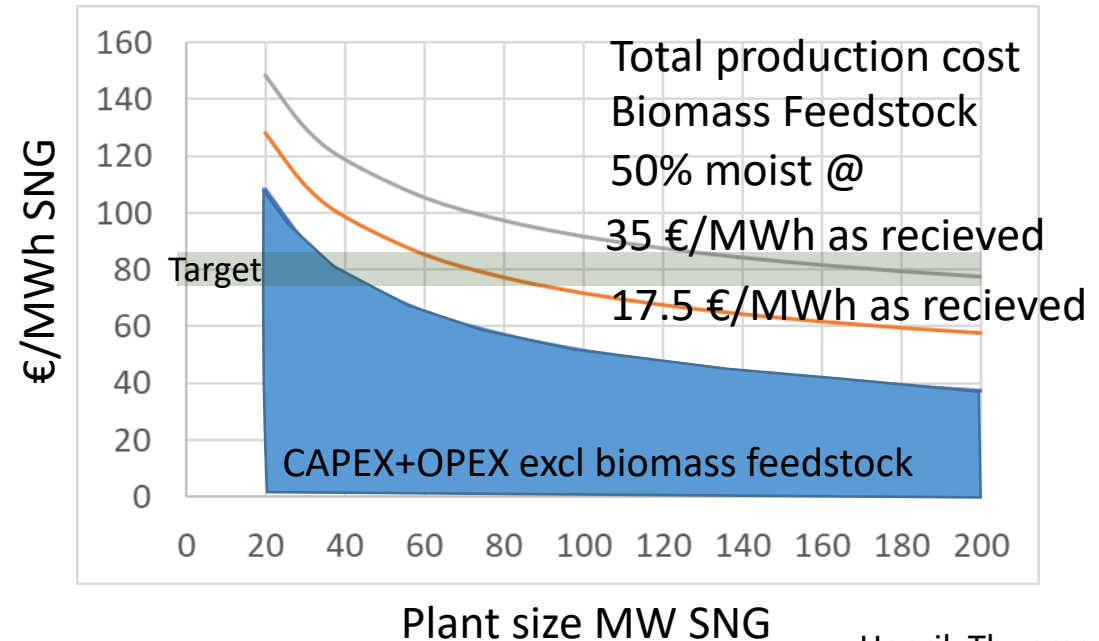
Gothenburg Biomass Gasification Project 0.8 TWh/year SNG production by 2020

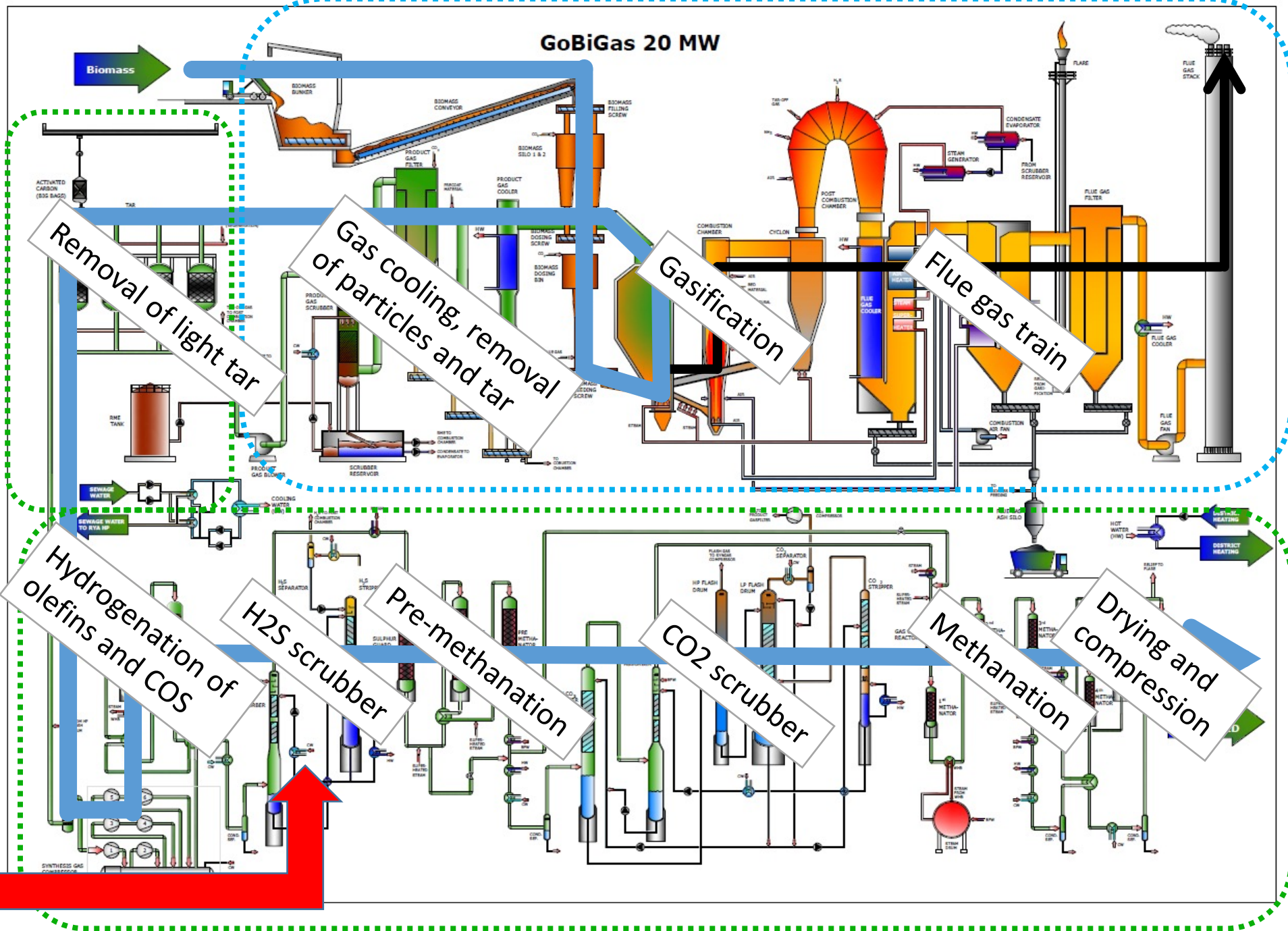
Planned to be implemented in two phases:

1. Demonstration/Commercial (together with phase 2)
20 MW Biomethane (160 M€ investment)
(32 MW fuel, 6 dry ton biomass/h)
Performance goal of demonstration
 - Biomass to Biomethane $\geq 65\%$
 - Biomass to Energy $\geq 90\%$
 - 8,000 hours continuous operation per year

Produced SNG to grid 2014 – 2018

2. Commercial
80 – 100 MW Biomethane
(125-150 MW fuel 25-30 dry ton biomass/h)
(Canceled 2015)





Flue gas

Removal of light tar

Gas cooling, removal of particles and tar

Gasification

Flue gas train

Hydrogenation of olefins and COS

H2S scrubber

Pre-methanation

CO2 scrubber

Methanation

Drying and compression

Biomethane

H2 from electrolysis investigated, but never installed

