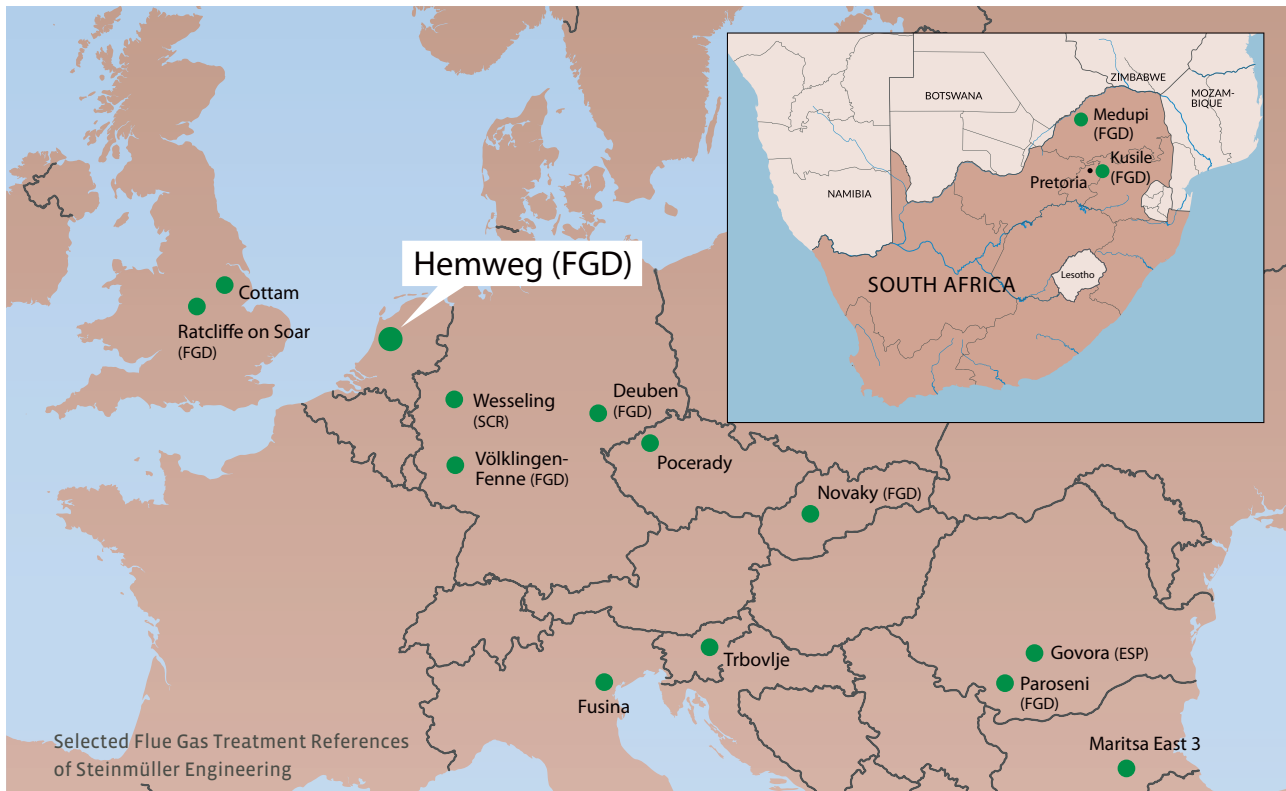


NUON Hemweg 8

Retrofit with Efficiency Increase of Flue Gas
Desulphurization Plant (FGD), 680 MWel, 1980 t/h

Flue Gas Treatment



Achievements:

- SO₂ removal efficiency increase from 92.9% to 95.2%
- Sulphur dioxide emission reduced by more than 30%

FGD Design:

- Diameter of scrubber: 18 m
- Number of spray levels: 4

Scope of Supply:

- Supply of new double hollow cone and full cone nozzles
- Nozzle installation based on Advanced Nozzle Positioning (ANP) Technology
- Refurbishment of piping system
- Further process optimization options identified and proposed in additional engineering study

Literature can be provided upon request

- VGB Workshop “Flue Gas Cleaning 2008”, Vilnius, Lithuania, 2008
“Flue Gas Cleaning research projects and their application in the NUON Power Plant Hemweg 8”
- VDI-Conference “REA-, SCR- and Dust removal in large power plants”, Düsseldorf, 2013
“Retrofit and Process Optimization for FGD”

Please contact us for further information.

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