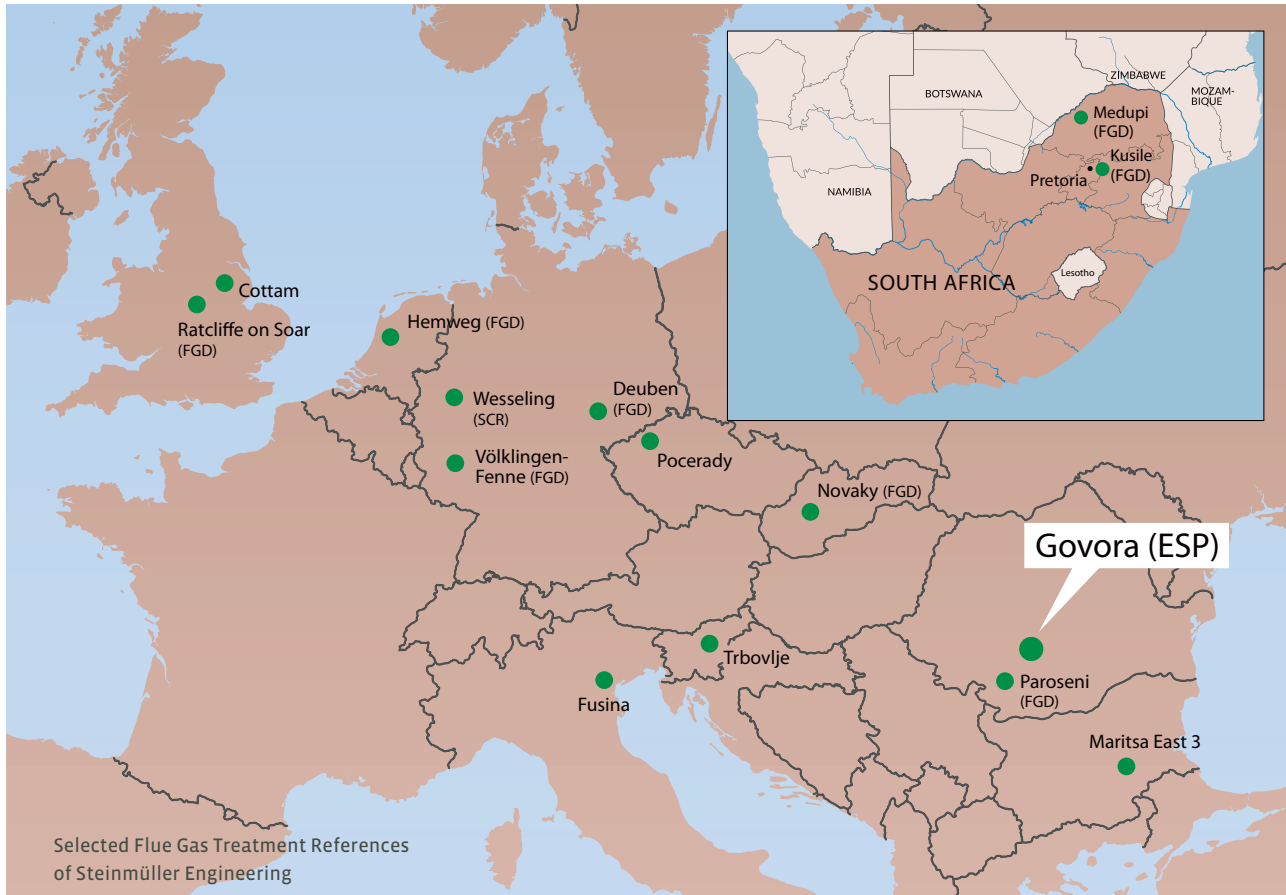


# CHP Govora, Unit 7

Retrofit with Efficiency Increase of Electrostatic Precipitator (ESP)

Flue Gas Treatment



### Achievements:

**Dust:** < 50 mg/m<sup>3</sup> (originally 180 mg/m<sup>3</sup>)  
(STP @ 6% O<sub>2</sub>)

### Fuel: Romanian Lignite (a.r.)

LCV: 6.7 - 8.3 MJ/kg (1.6 - 2.0 Mcal/kg)

W: 34 - 43 %

a: 15 - 32 %

S: 0.9 - 1.5 %

**Boiler design:** 420 t/h, 2-pass boiler

### Scope of Supply:

- Flow cross-section enlarged by introducing new roof design
- Flow distribution improved by installing guide vanes
- Mechanically more robust electrodes installed
- High voltage system replaced

### Literature can be provided upon request

- Presentation on Steinmüller Engineering Conference 2013
- Steinmüller Engineering Workshop 2012 "Retrofit with Efficiency Increase of ESP"

Please contact us for further information.

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