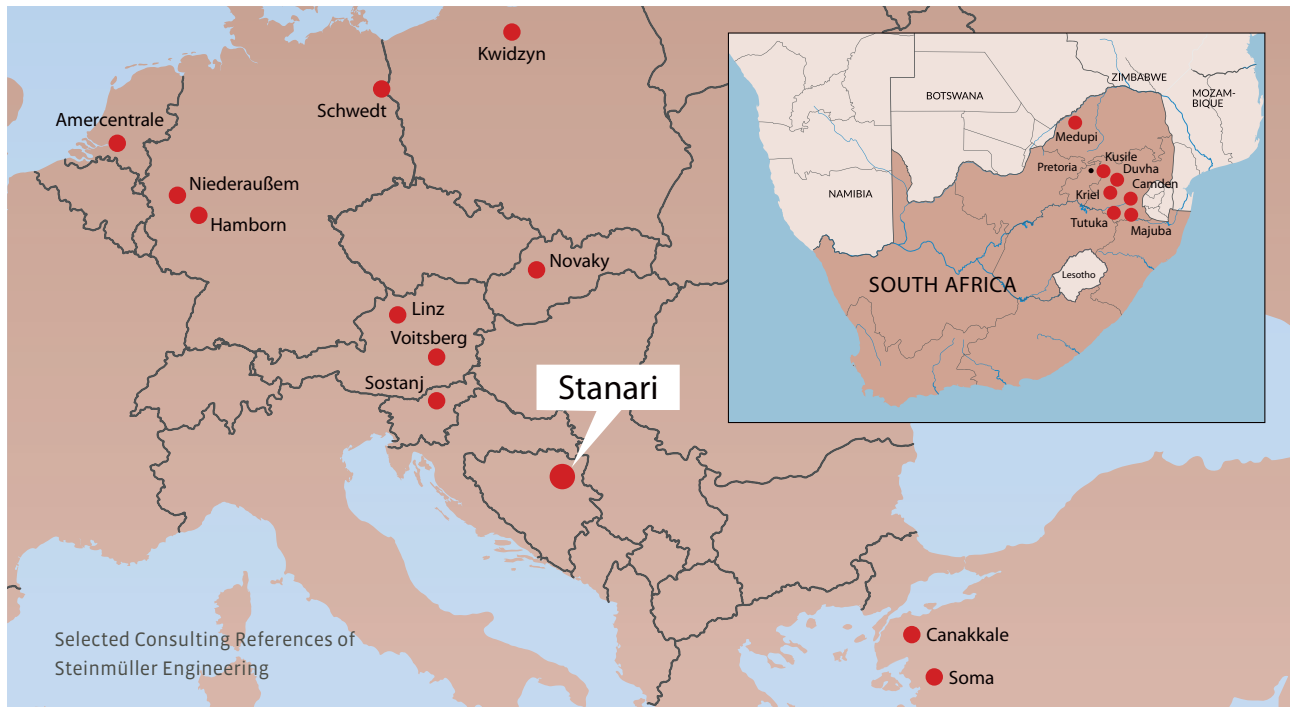


# CFB Boiler for TPP Stanari

Owner's Engineering for  
CFB Boiler Island

Consulting and Engineering Services



## Achievements:

### Owner's engineering for new build 300 MWel thermal power plant

- Start of concept development: 2006
- Start of site activities: 2012
- Commissioning: 2016

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

LCV: 9.1 MJ/kg (2.2 Mcal/kg)

w: 49%

a: 3.8%

S: 0.13%

**Boiler design:** Circulating fluidized bed boiler,  
natural circulation, 1065 t/h, 175 bar/541°C,  
reheater 39 bar/541°C

## Scope of Supply:

- Feasibility study and conceptual design
- Expertise in lignite combustion and desulphurization in fluidized bed boilers
- Preliminary design and tender specification
- Tender evaluation and contract drafting
- Review of Chinese design (basic and detail)
- Chinese vs. European standards compliance check
- QA during manufacturing in China
- Field advisory services during installation, commissioning and testing

## Literature can be provided on request

- PowerGen Africa 2015 "Experiences with the Construction of a Chinese Power Plant in Europe from an Owner's Engineer Point of View"

Please contact us for further information.

**steinmüller**  
engineering

**Steinmüller Engineering GmbH**  
IHI Group Company  
Fabrikstraße 5 • D-51643 Gummersbach • Germany  
Tel: +49 2261 78950-0  
Fax: +49 2261 78950-199  
info@steinmueller.com  
www.steinmueller.com



Edition 2015