

## **NAŠICE 2009.**

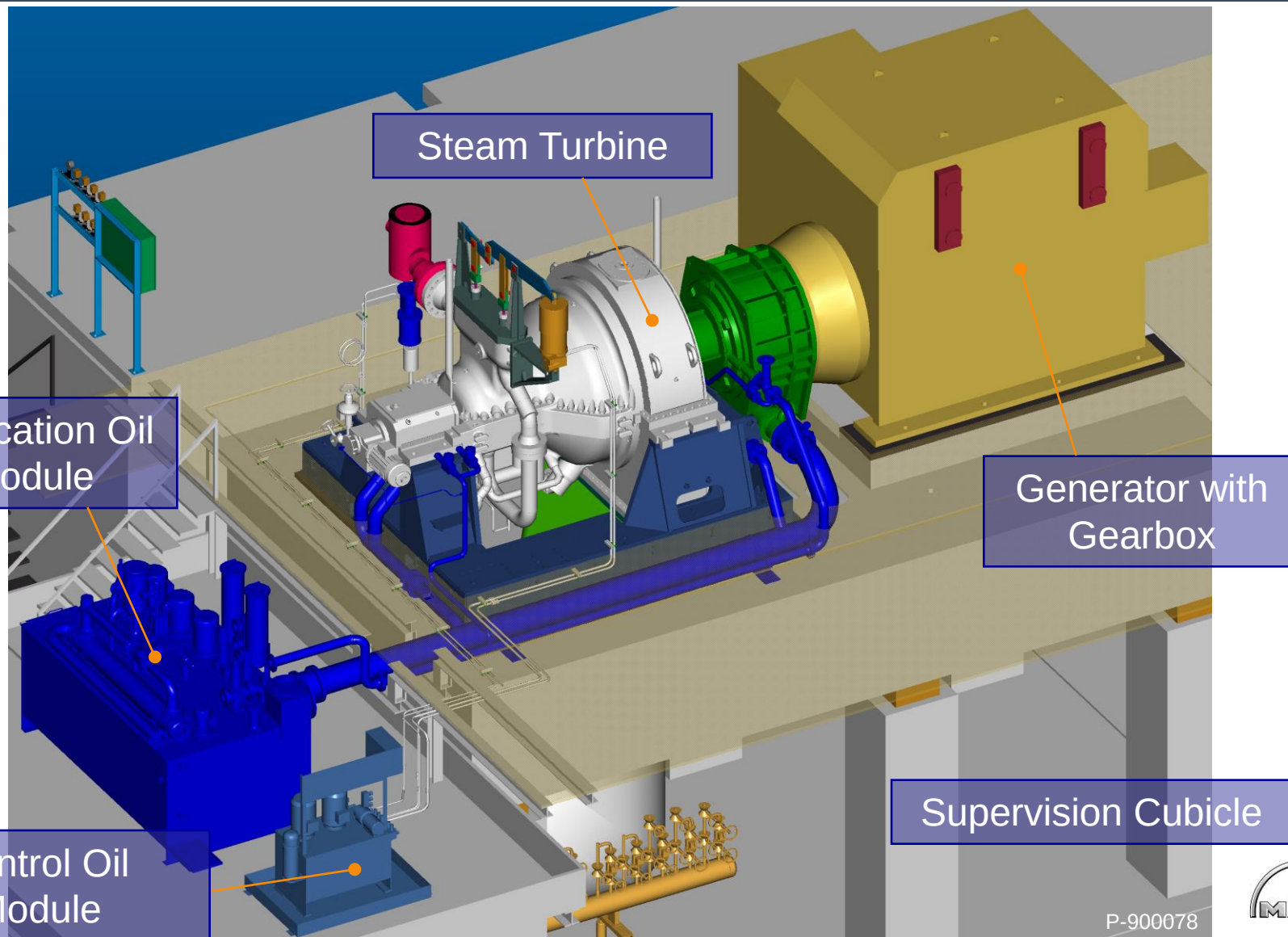
**Snaga kroz biomasu  
MAN TURBO  
parne turbine**

**04. rujna 2009.**

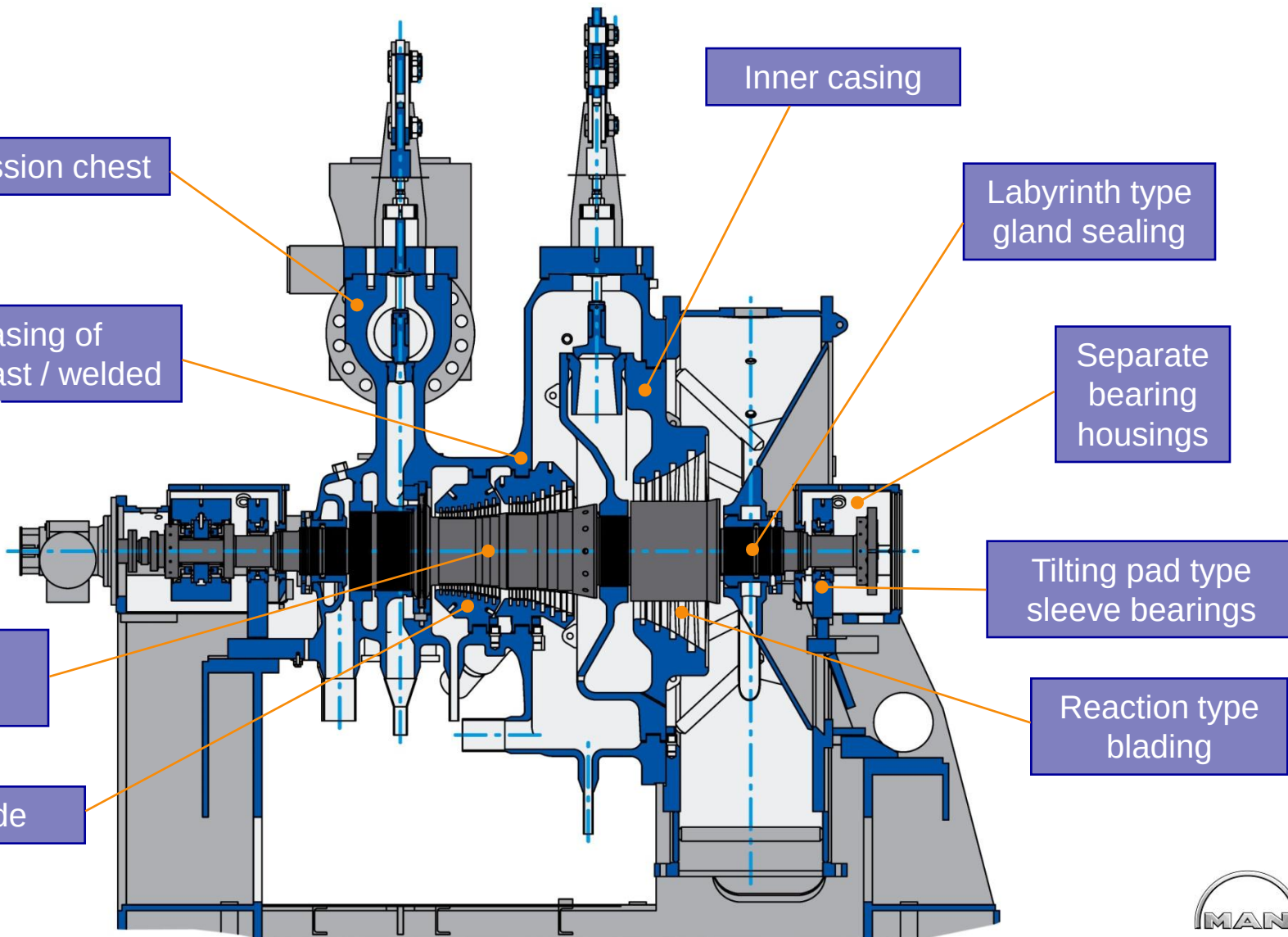
Herbert Graf  
Katarina Krković



# Koncept modularnog postrojenja



# Primjer turbine za ekstrakciju

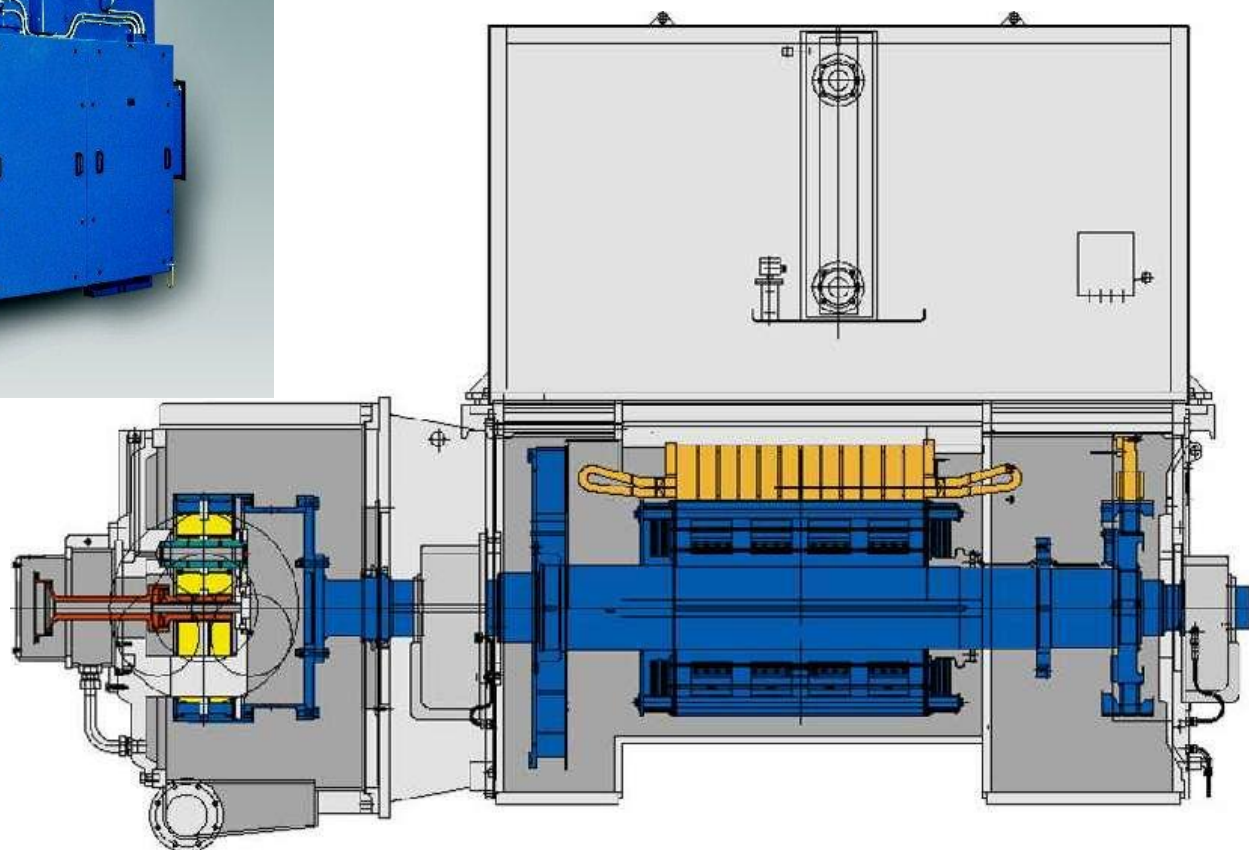




# Generator s prijenosnikom

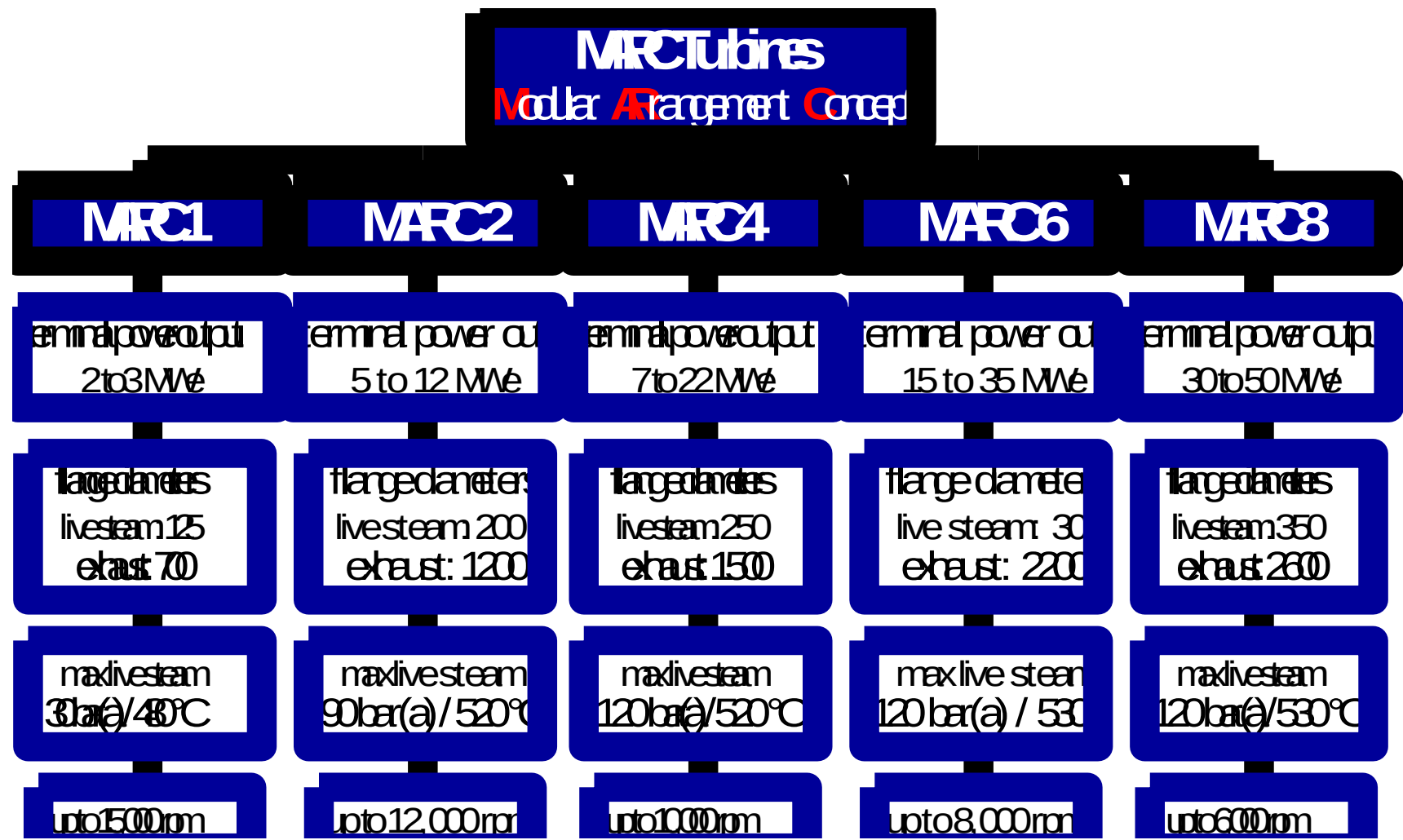


- smanjena potrošnja goriva
- ne zahtijeva puno prostora



- visoka učinkovitost
- niski stupanj buke

# MAN program turbine



# MARC parne turbine na polju biomase



Reference u posljednjih 5 godina:

- Njemačka : 34
- Austrija : 26
- Skandinavija : 6
- Italija : 2
- Francuska : 1
- ostalo : 3



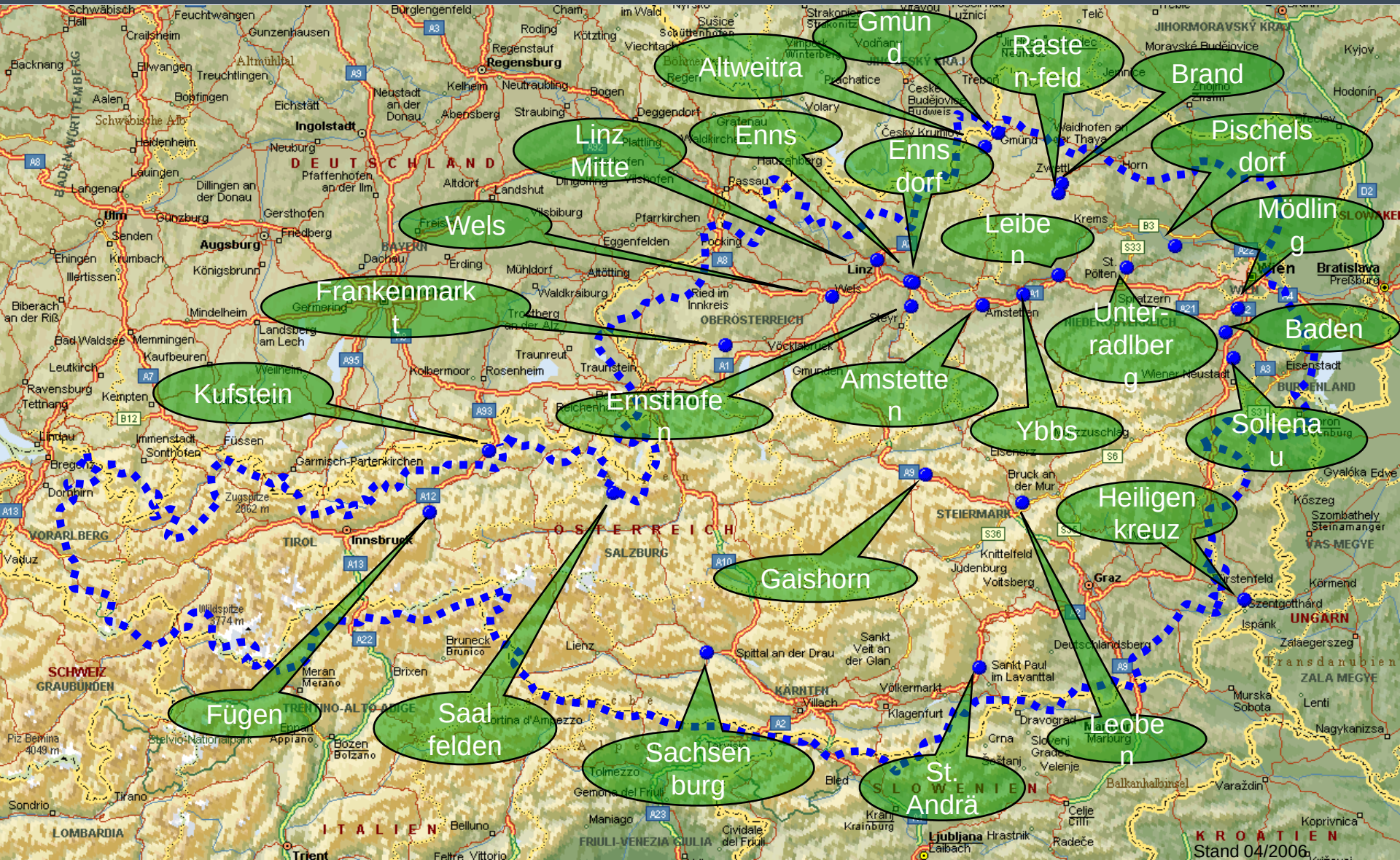
instalirana struja od  
2.3 do 23 MW<sub>el</sub>

Issue  
12/2006





## MARC turbine u Austriji





# Karakteristike MARC parnih turbina

- ✓ visoka učinkovitost
- ✓ visoka korisnost
- ✓ isprobani dizajn
- ✓ niski troškovi ulaganja

