



ERG Power & Gas

Power Generation and Gas



ERG Power & Gas – Business Overview

ISAB Energy (51%)

- 528 MW
- Feedstock is refinery residue

ERG Nu.Ce. (72%)

- Currently:
- 322 MW
 - feedstock is fuel oil
- In the future:
- around 570 MW CCGT
 - feedstock will be natural gas

Wind Power

- 50:50 joint venture with CESA of Spain
- Objective is 300 MW by 2007

Roma Energia (20%)

- Project to build 800 MW CCGT near Rome refinery
- Other partners are Total (45%) and Edison (35%)



Isab Energy

- **One of the largest renewable energy plants in Italy.**
The plant utilises refinery residues.
- **Capacity:** 528 MW (gross capacity) IGCC plant.
- **Sale Contract:** 20 year take or pay power purchase with the Network Operator (ex ENEL) at CIP 6 price.
- **Feedstock:** 20 year take or pay feedstock agreement with ERGMed.
- **Financed** by 10% equity and 90% non-recourse financing, repayable over 15 years.



NuCe Sud project overview

Location & layout

- ▶ Located within the refinery Priolo ISAB Sud site.
- ▶ 2 existing backpressure plants connected to a new 70 MW GT (GE technology - Frame 6A).

Investment

- ▶ In operation in autumn 2005.
- ▶ Capex ~€ 60 million.

Technical aspects

- ▶ New CCGT production:
 - Authorized capacity 99 MW
 - Electricity production 780 GWh/year
 - Steam production 2,200 kton/year



Repowered plant ready for operation by the end of 2005

NuCe Nord project overview

Location & layout

- ▶ Located within the refinery Priolo ISAB Nord site.

Investment

- ▶ In operation in autumn 2007.
- ▶ Capex ~€ 300 million.

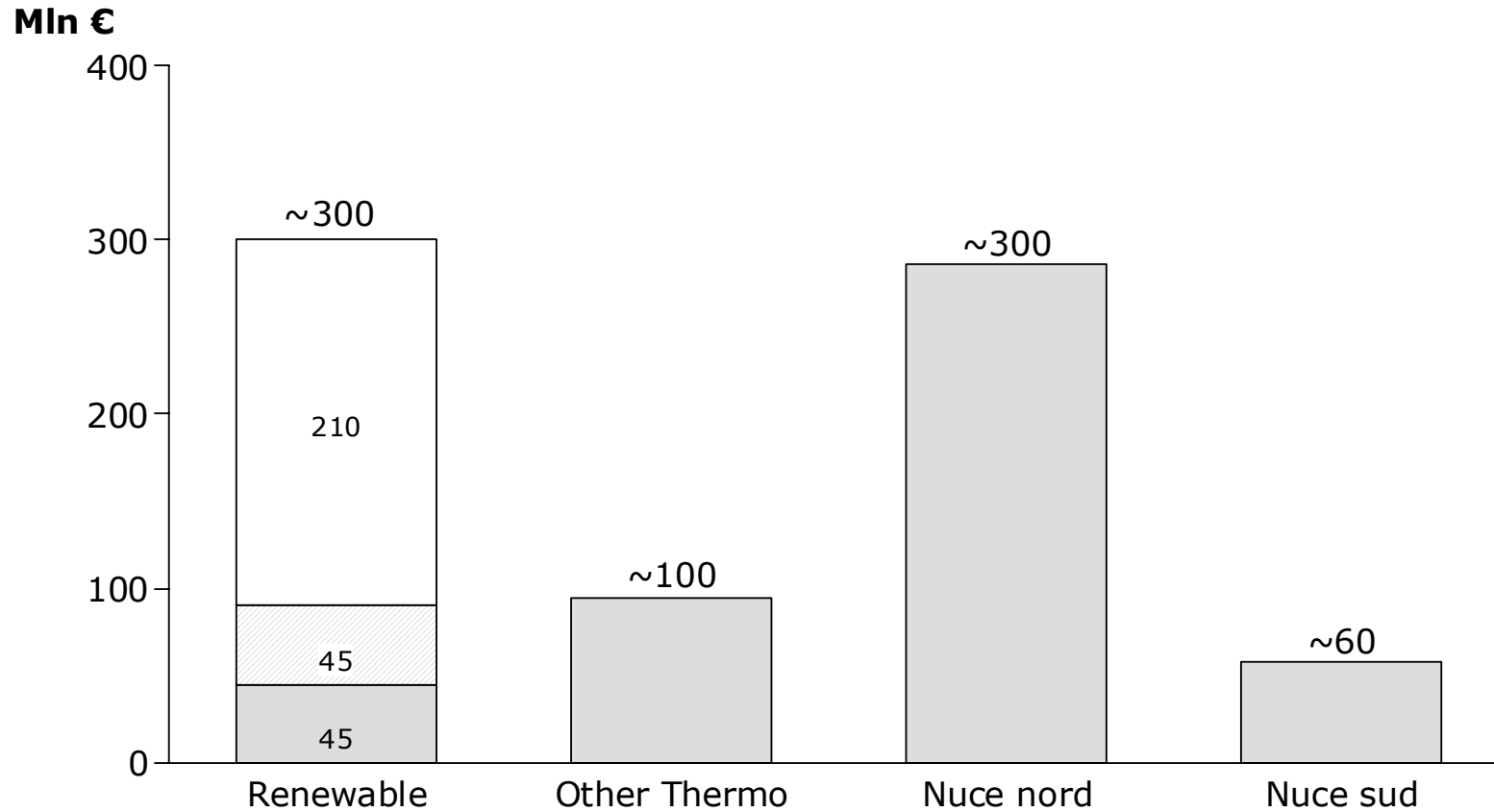
Technical aspects

- ▶ New CCGT production:
 - Nominal capacity 470 MW
 - Cogenerative capacity 440-450 MW
 - Electricity production ~3,600 GWh/year
 - Steam production ~3,000 kton/year



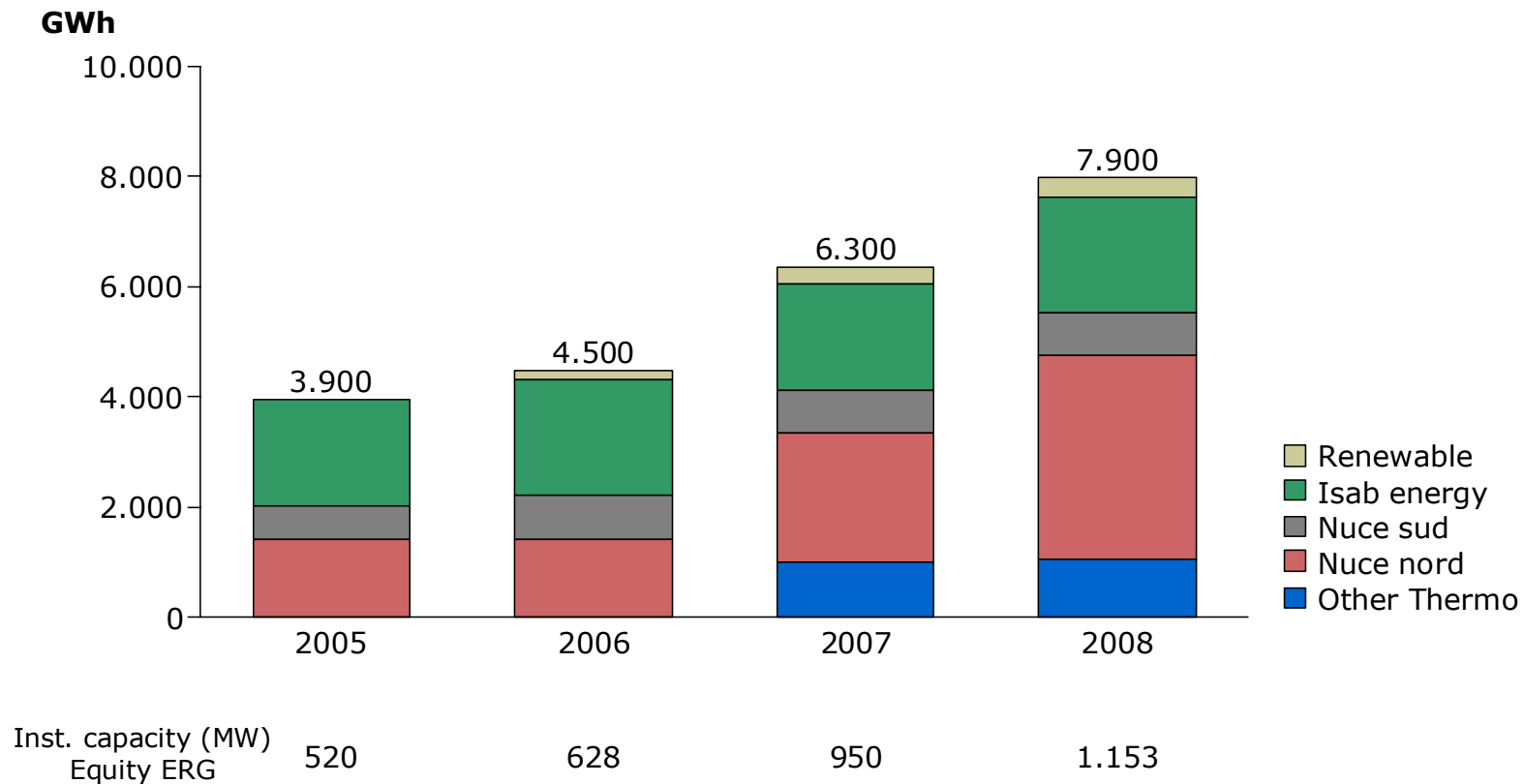
Repowered plant ready for operation by the end of 2007

Capex of "highly probable" projects - 2007



ERG equity contribution will depend upon project companies (partnerships) and financing structures

Total electricity production - Forecast



Electricity generation expected to double