INPUT

(initial analyses and databases)



Policy / framework



Weather data



Market Model (fundamantal simulation)





Load development







Interconnections



Commodities

fuel, CO₂, transport costs, exchange rates

















European generation capacities

















Fundamental energy market model: eMP

- → EU 28 + Switzerland, Norway, Balkan
- → Hourly resolution
- → Power plant blocks > 50 MW
- → Individual analysis: regions, technologies
- → "Off the shelf" or individual assumptions
- → Embedded in enervis modelling landscape

RESULTS

(selection)



Market prices

- → Wholesale: spot, intraday
- → Capture prices of renewables
- → Ancillary services: PCR, SCR, TCR
- → Capacity prices
- → CO₂ certificate prices
- → Revenues of interconnectors

Other results

- → Capacity-/generation development
- → Commercial exchanges (import/export)
- → CO₂ emissions
- → Spreads

Individual results (examples)

- → System costs for generation (econ.)
- → Market value of renewables (site specific)
- → Power plant dispatch / valuation