



Market today and in the future

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ACT Commodities

collaborative trading



Global leader in trading environmental commodities



Topics




- ⬡ **Introduction to Guarantee of Origin**
- ⬡ **Market situation**
- ⬡ **Market feeling**
- ⬡ **Future scenarios**



GoO system



European electricity tracking system

-  Separate to physical electricity:
- Issued electronically
 - 1 Certificate equals 1 MWh of production
 - Certificate is valid for 1 year after production

Traded between most European countries

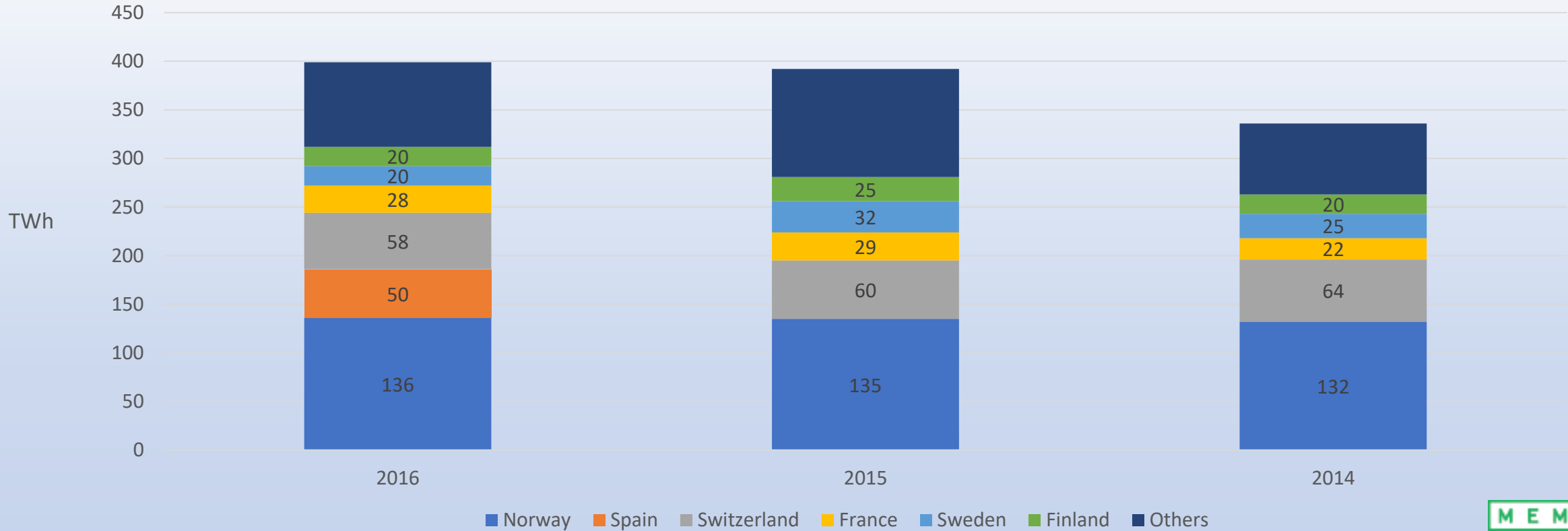


Market

Biggest suppliers



Supply



Source: AIB

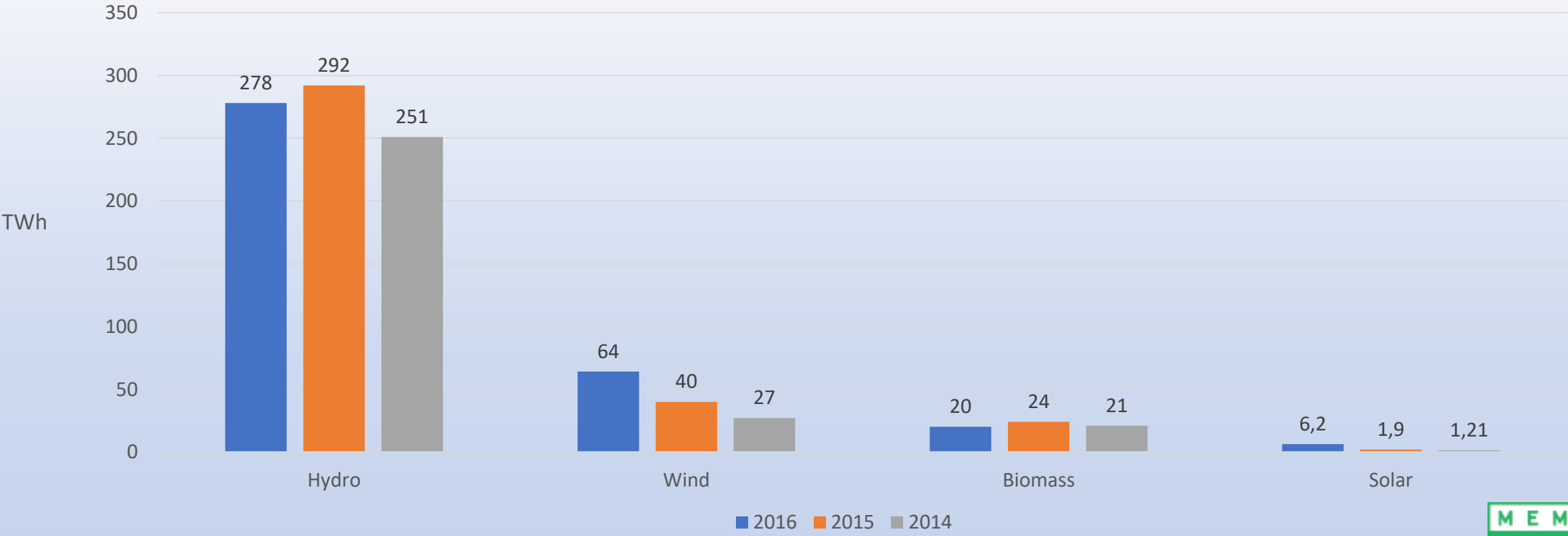


Market

Production by technology



Production



Source: AIB

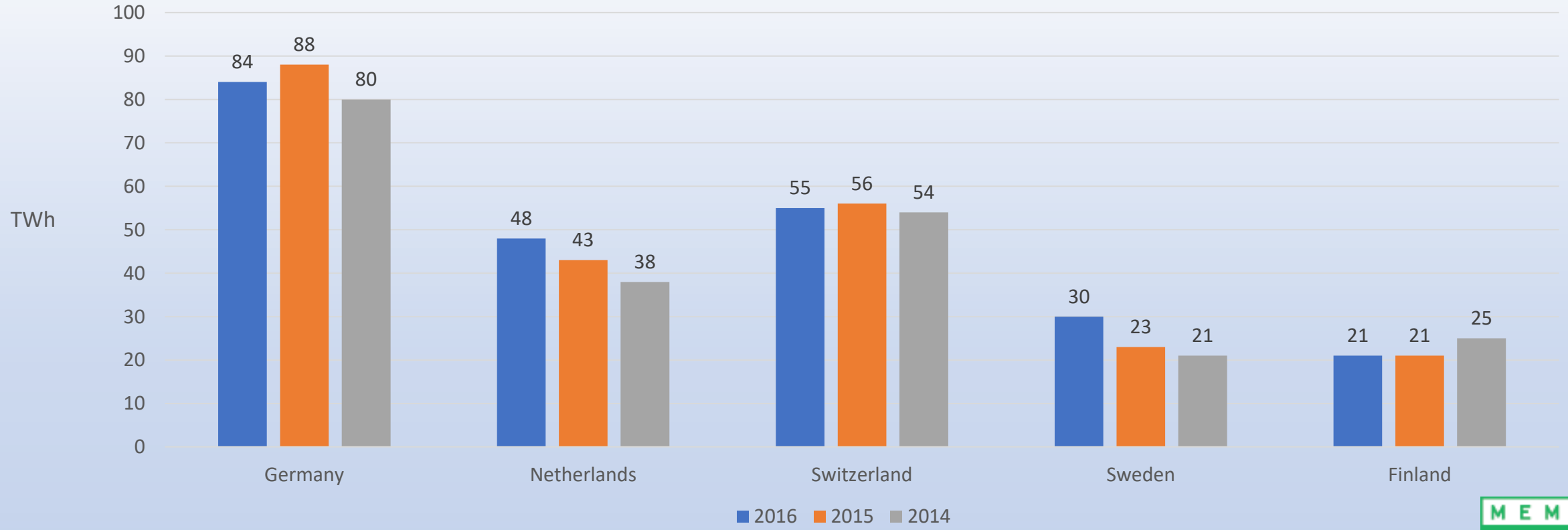


Market

Demand per country



Demand



Source: AIB



Clients?

Drivers for demand



Sources: RE100, CDP, GHG Protocol (WRI, WBCSD)

Products

Demand from buyers

- Local Production
- Special products (New plants, new investments, fish ladders, **no connection to nuclear**)
- Added value labels:
 - TUV SUD EE
 - OK Power
 - EkoEnergy (LEED, GHG Protocol)



Future?

Market in the future

- PPAs ↑
- Demand ↑
- Wind & Hydro production
- Full Disclosure
- German EEG
- New countries (Lithuania, Greece, Portugal, UK, Poland)
- Tax exemption schemes (UK)
- Auctions post 2020
- I-RECs
- GoOs for gas, heating & cooling



Market today and in the future



Questions?

Thanks!

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