



**Renewables
Finland**

Overview to Finnish Offshore Wind

Wind Offshore 2026

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renewablesfinland.fi

Finnish Wind Power Association (= wind onshore and offshore) + solar PV + batteries



Outline

- Electricity production of Finland
- Role of Offshore
- Summary

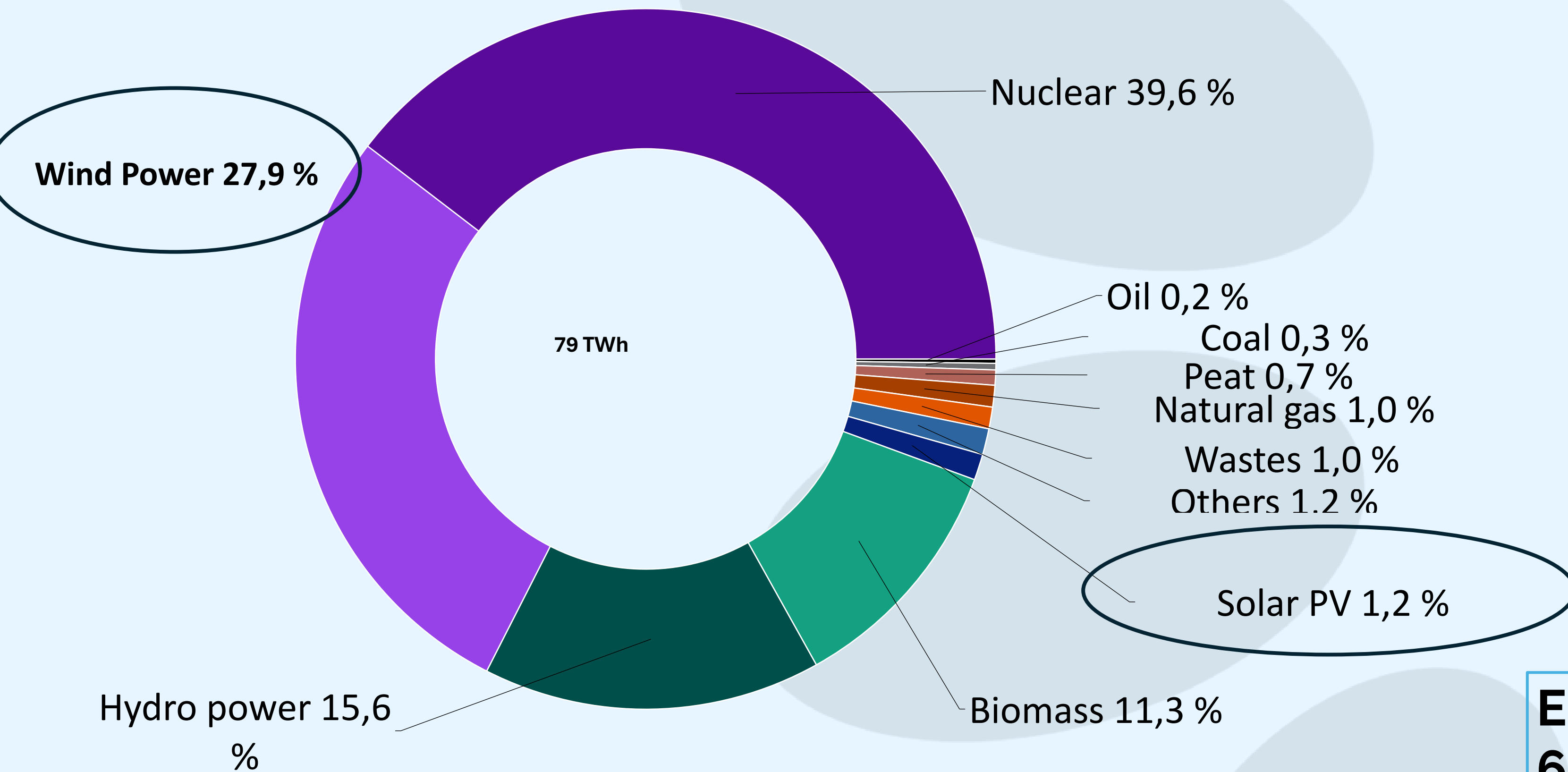


Electricity production of Finland



96 % of Finnish electricity mix is carbon neutral

Lähde: Energiategollisuus 21.1.2026



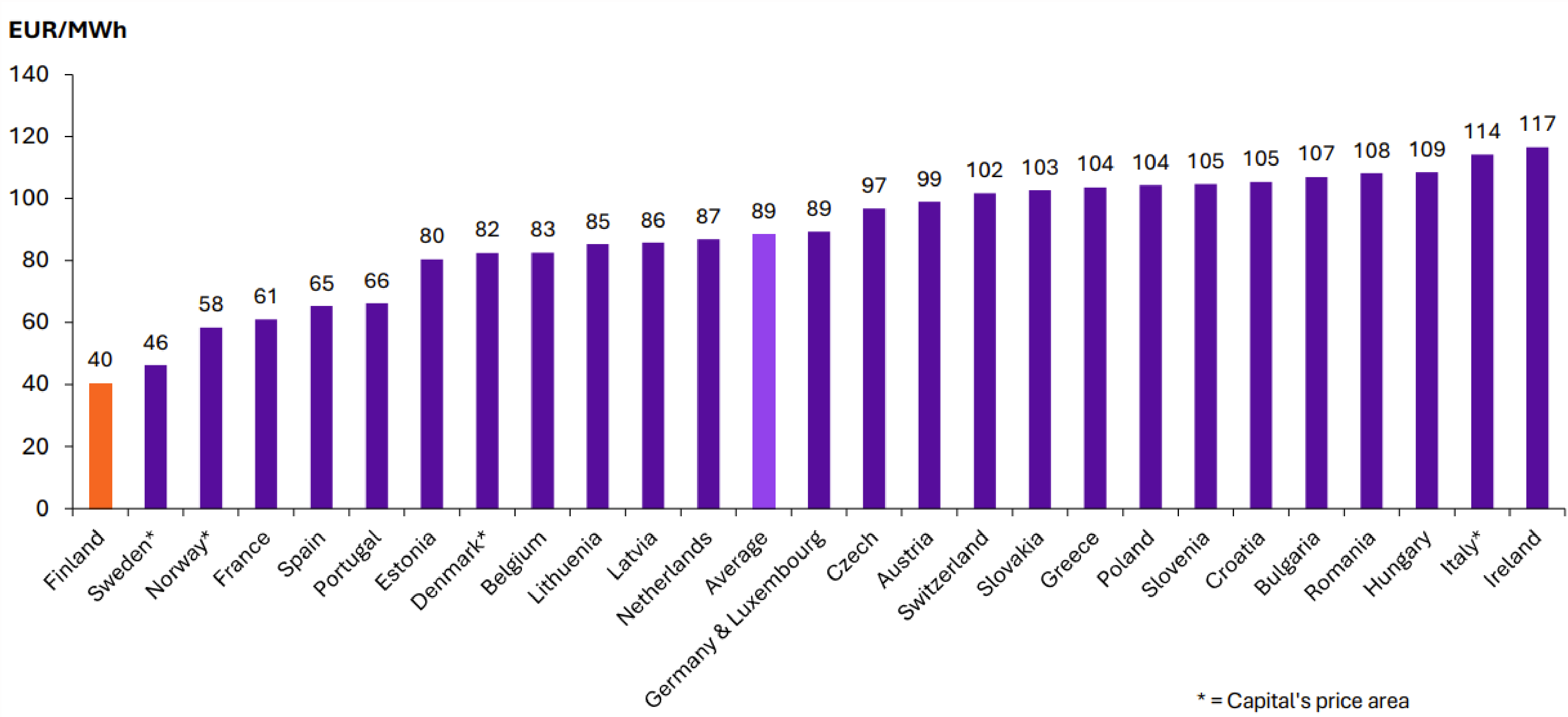
- **Renewables 57 %** (56 % in 2024, 52 % in 2023)
- **Carbon neutral*: 96 %** (95 % in 2024, 94 % in 2023)

*Carbon-neutral energy sources are energy sources whose carbon dioxide impact is not reported in electricity production. The climate impact of biomass is calculated in the land use sector.

Electricity consumption 85 TWh, 6,6 % covered with imports

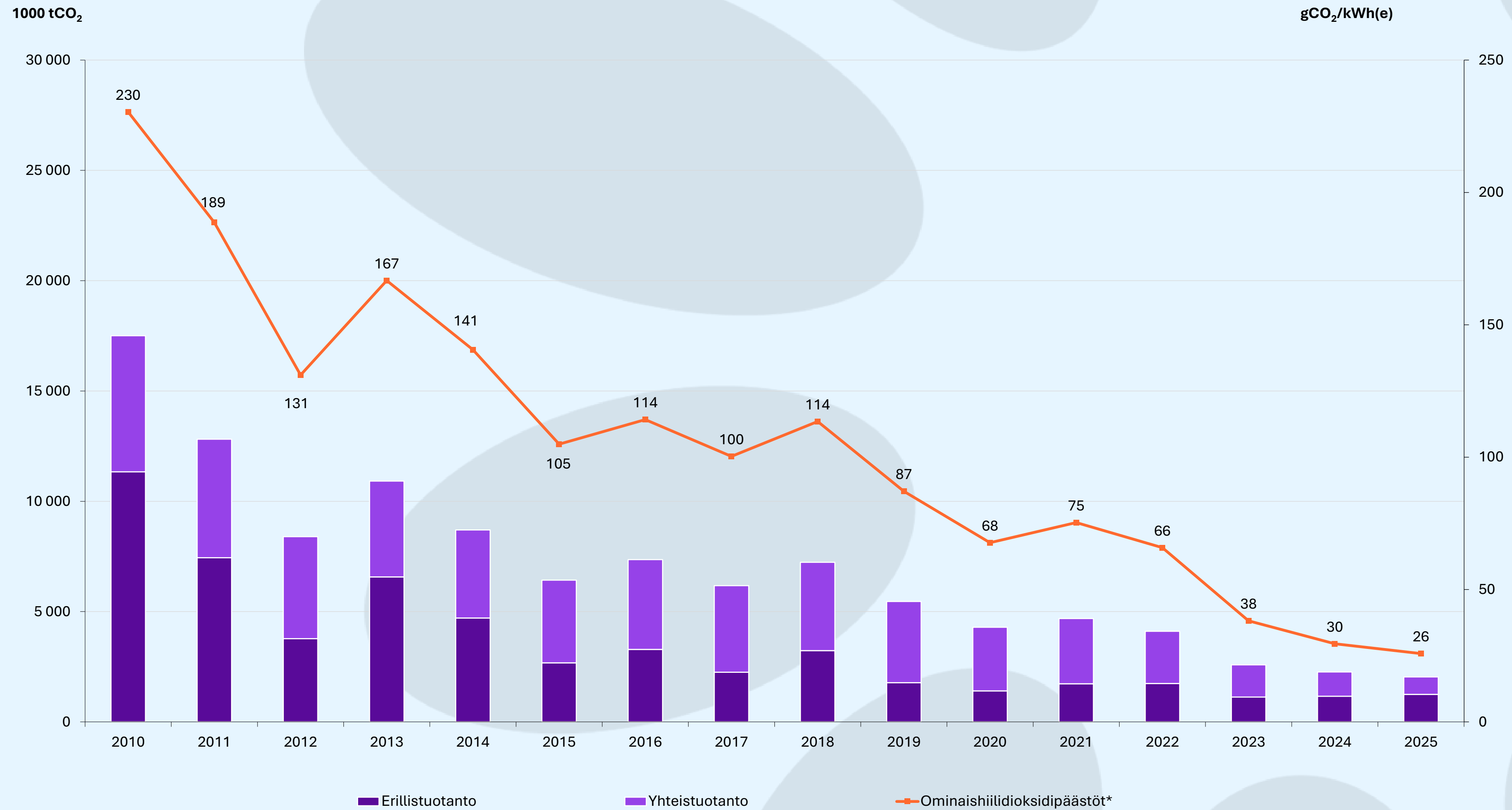
In 2025 the electricity market price was the lowest in Finland

Electricity wholesale prices in year 2025 (EU + Norway and Switzerland)



Data: Nord Pool & Energy-Charts

CO₂ emissions of Finnish electricity production

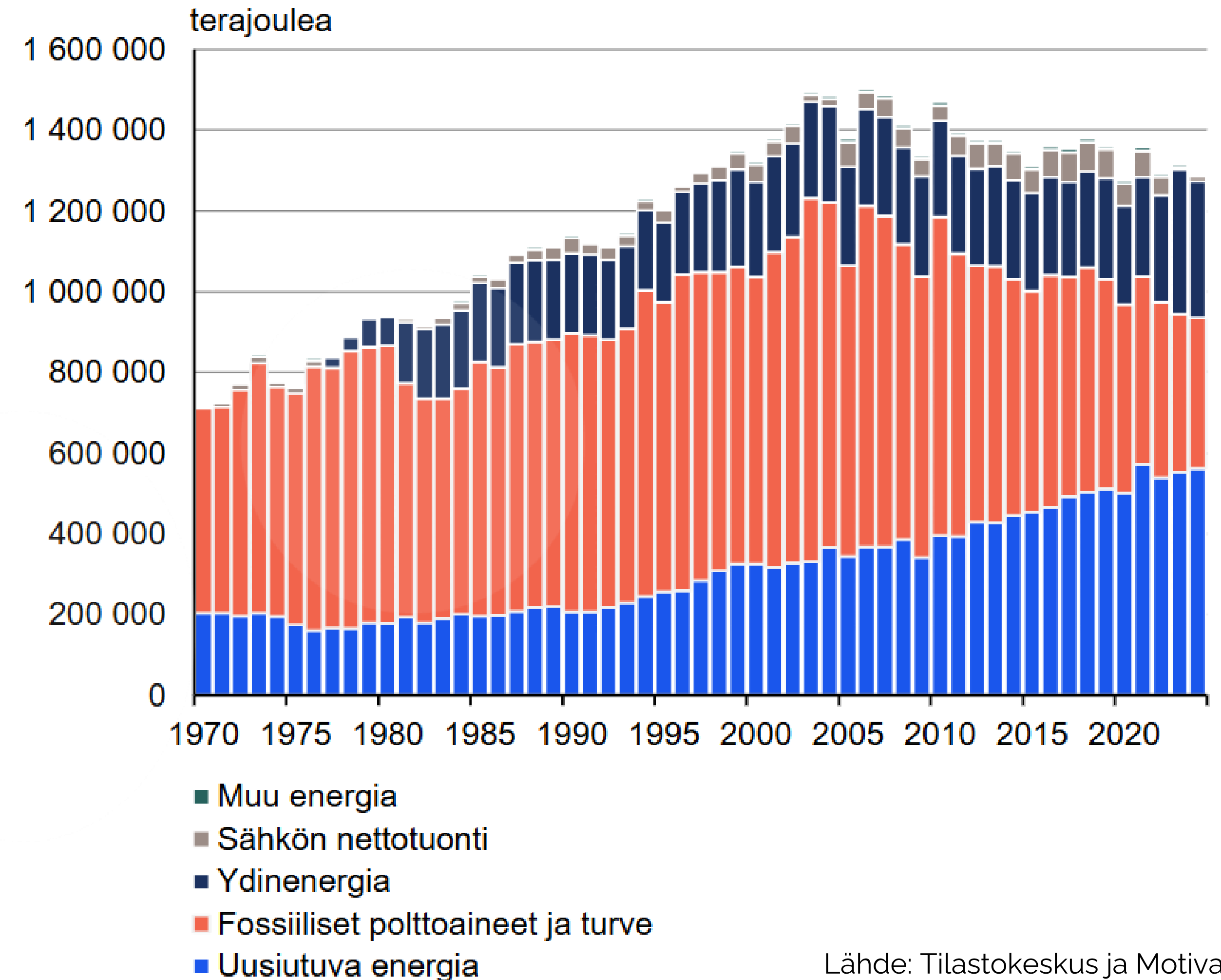


But the total energy mix?

2024 the total energy consumption of Finland was 359 TWh

2024 Electricity consumption was 83 TWh

Energian kokonaiskulutus energialähteittäin 1970-2024*

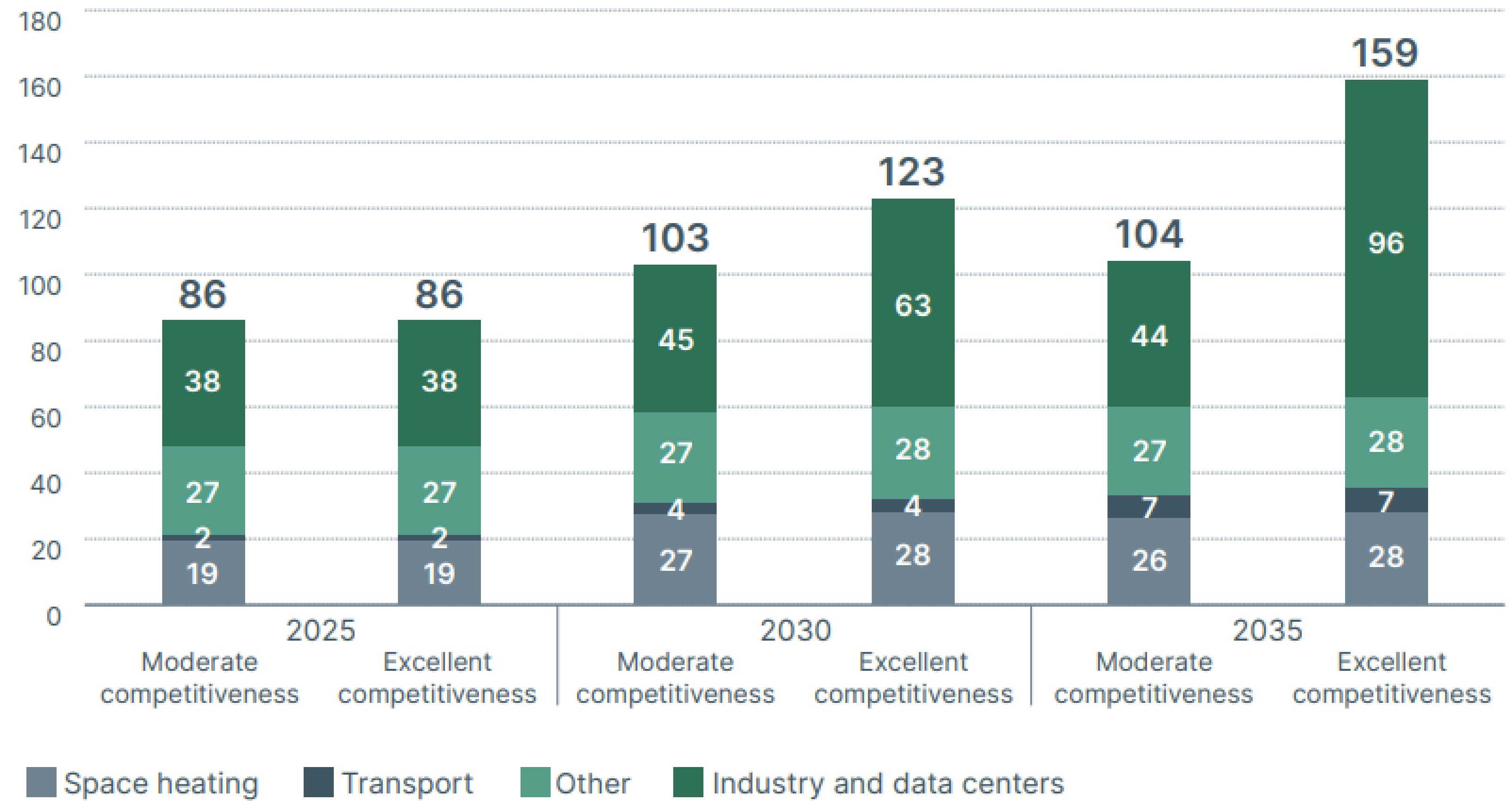


Electricity consumption will increase

Development of electricity consumption (TWh)

FINGRID

Fingrid estimate, September 2025.

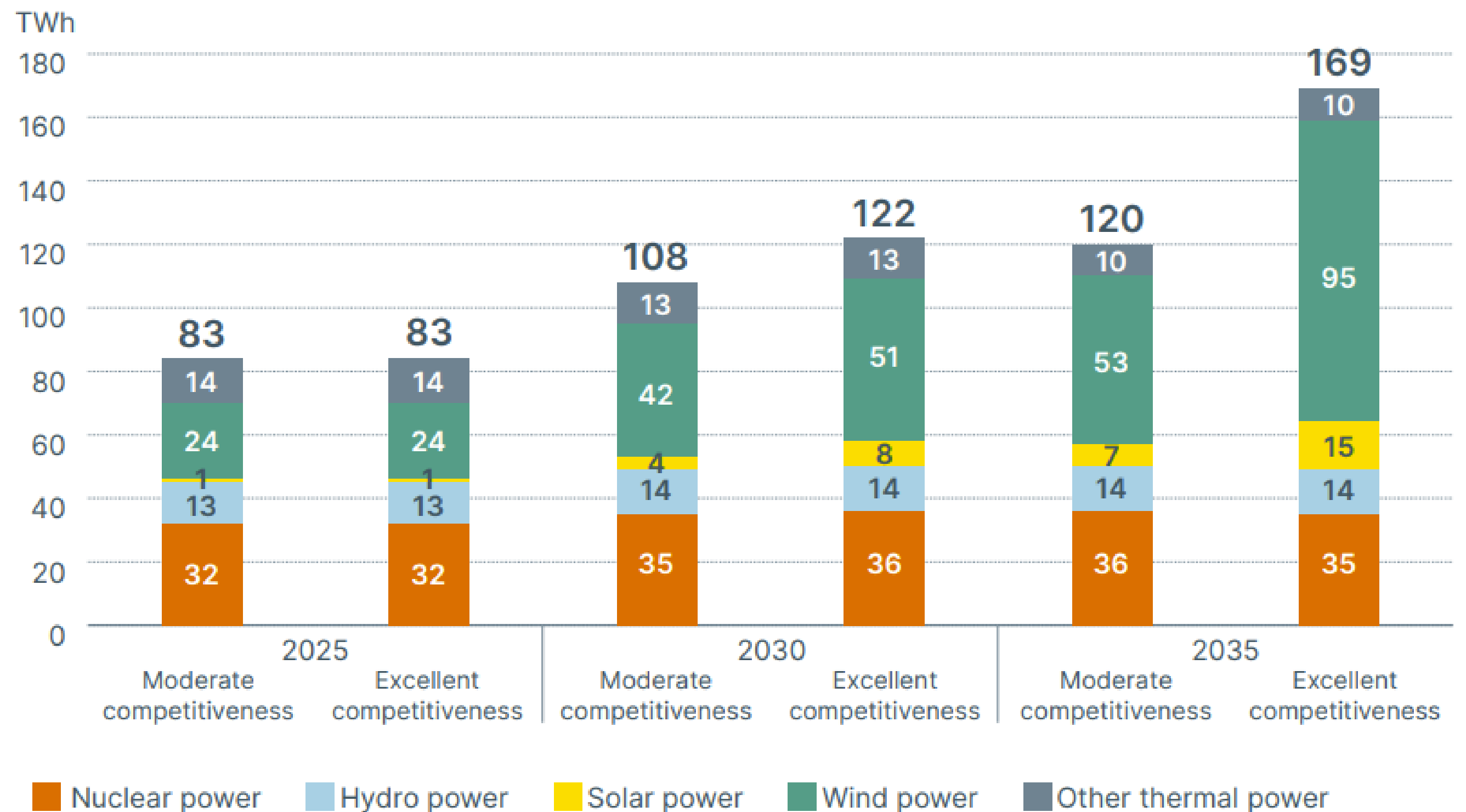


Wind and solar will supply the increasing energy demand

Projected development of electricity production (TWh)

FINGRID

Fingrid estimate, September 2025.

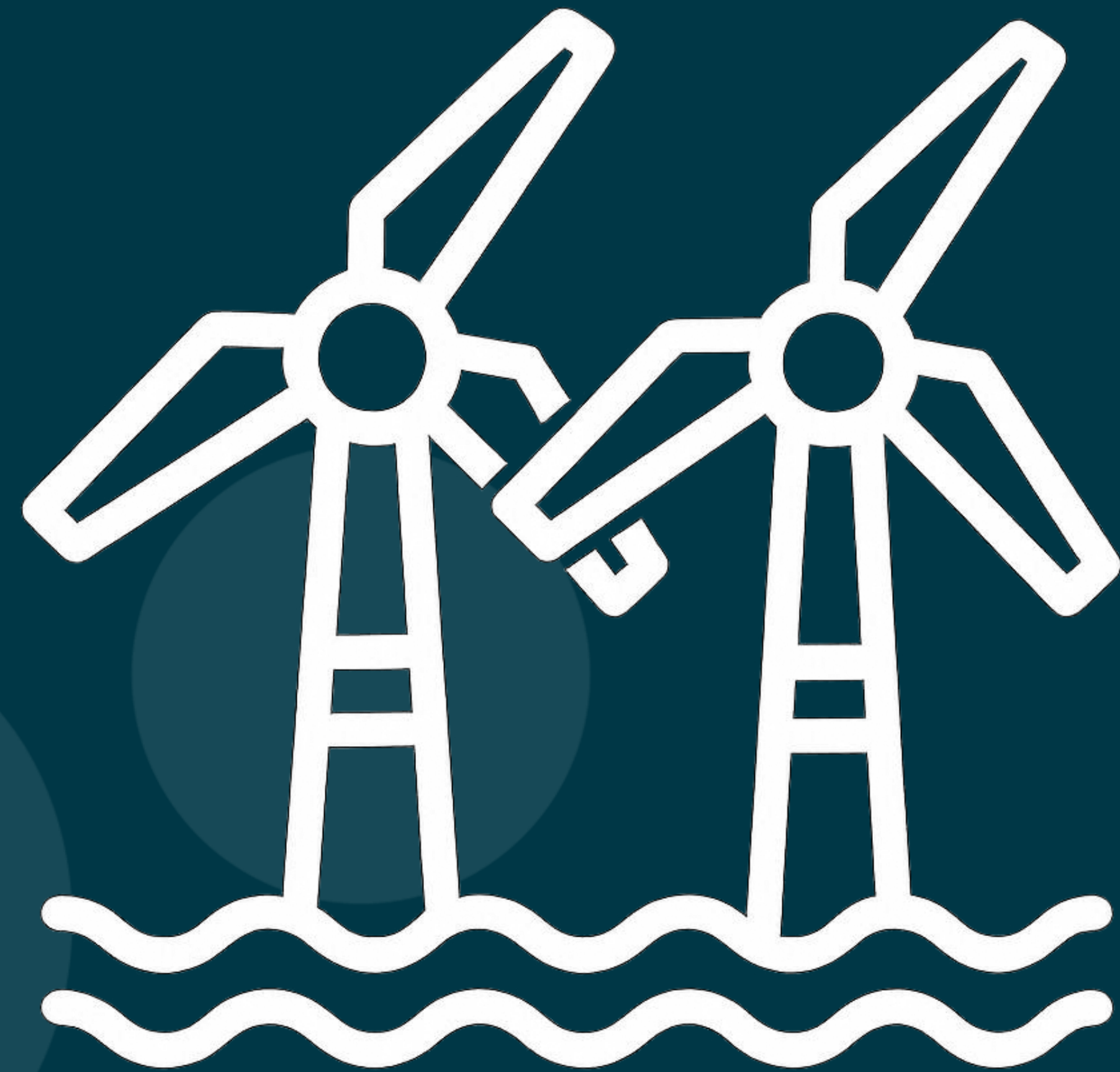


What is the role of Offshore Wind power?



Territorial waters, Åland and EEZ

- Territorial waters / Metsähallitus
- Åland / Åland's Regional Government
- EEZ / Ministry of Economic Affairs and Employment + Energy Authority



Ongoing advocacy topic in Offshore Wind Power

- Lowering of the property tax at last in the parliament
- Adjusting water permit
- Decommissioning of offshore wind
- Offshore Capacity Targets
- Socializing the grid connection costs



What is needed?

- Ambitious offshore wind targets in the Climate and Energy strategy would show companies that Finland is confident and committed in offshore wind power
- Tendering pipeline in territorial waters and the EEZ
- Reasonable property taxation
- In terms of licensing, adjusting the water permit to be more enabling and extending its validity would streamline licensing
- Extending the grid to the sea
- Growth in electricity demand

Summary

- High political acceptance
- The first EEZ auction needs to be organized swiftly that the companies won't lose their interest
- The visibility to coming auctions on EEZ and territorial waters is needed
- Regulation still need adjusting – water permit, property tax, EEZ tax solution



WIND

RENEWABLES EVENTS

10 GW Gala

16.4.2026

Ravintola Töölö, Helsinki

suomenuusiutuvat.fi

WIND SOLAR

Solar

19.5.2026 | Restaurant
Töölö, Helsinki

Wind

29.9.2026 | Kaapelitehdas,
Helsinki

renewablesevents.fi

New courses and more

28.4. Vastuullisuuskurssi

12.5. Renewable energy for datacenters & major industries

27.-28.5. Akkukurssi 2



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