



Renewables Finland

Data that moves me: Perspectives on the Green Transition

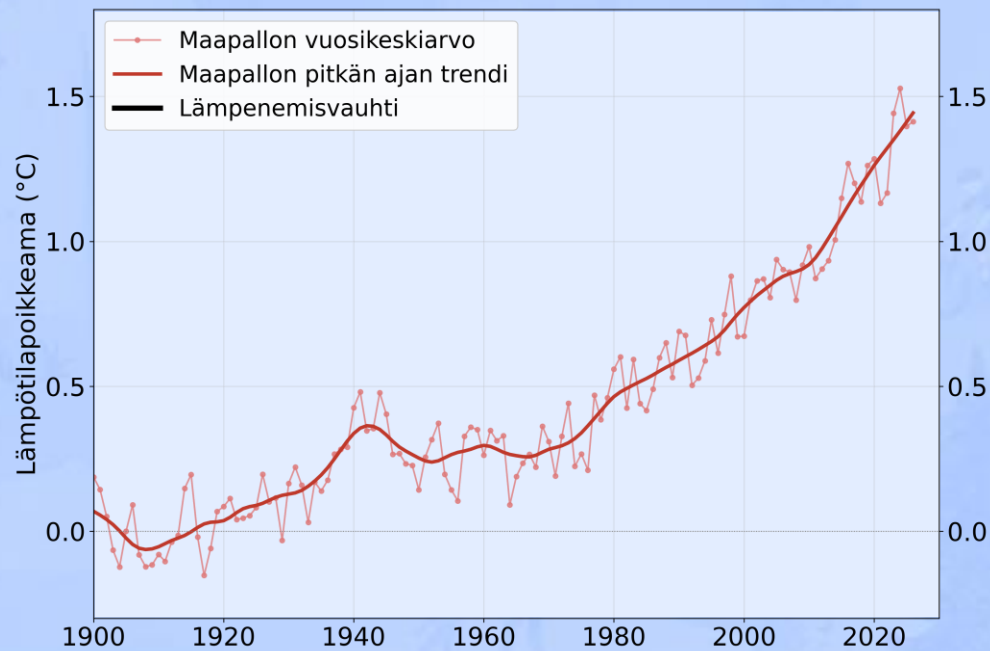
Wind 2026

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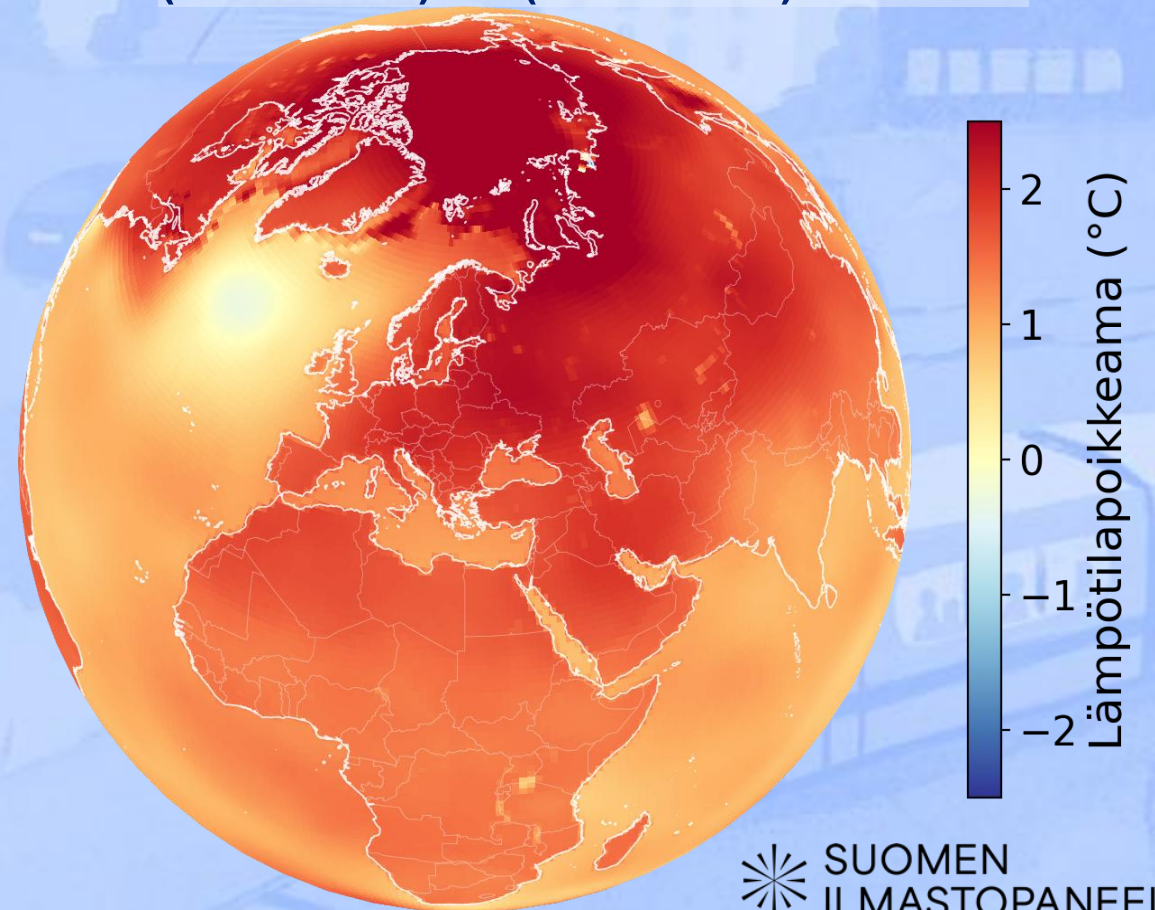
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Finland as Part of the Global Climate System

Global Average Temperature Change Relative to the Early 20th Century

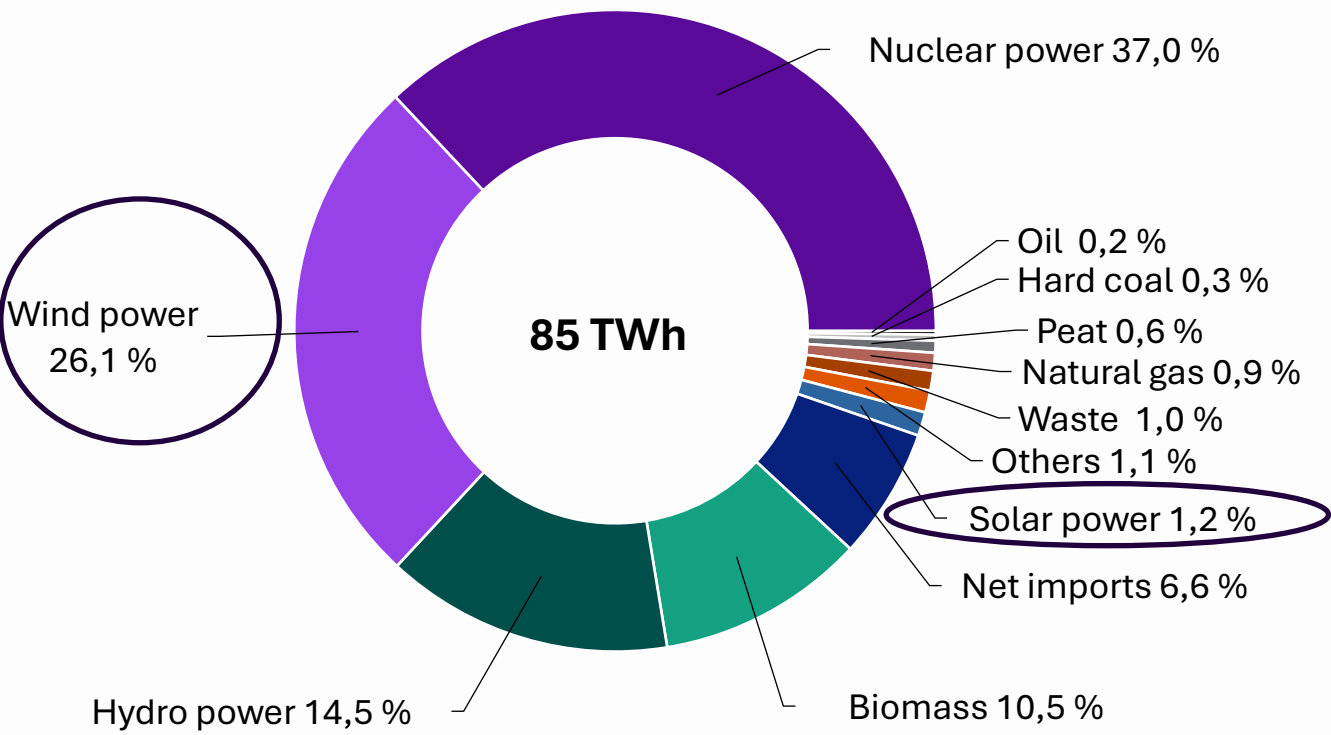


Average Temperature Anomaly (2006-2025) vs (1901-1920)

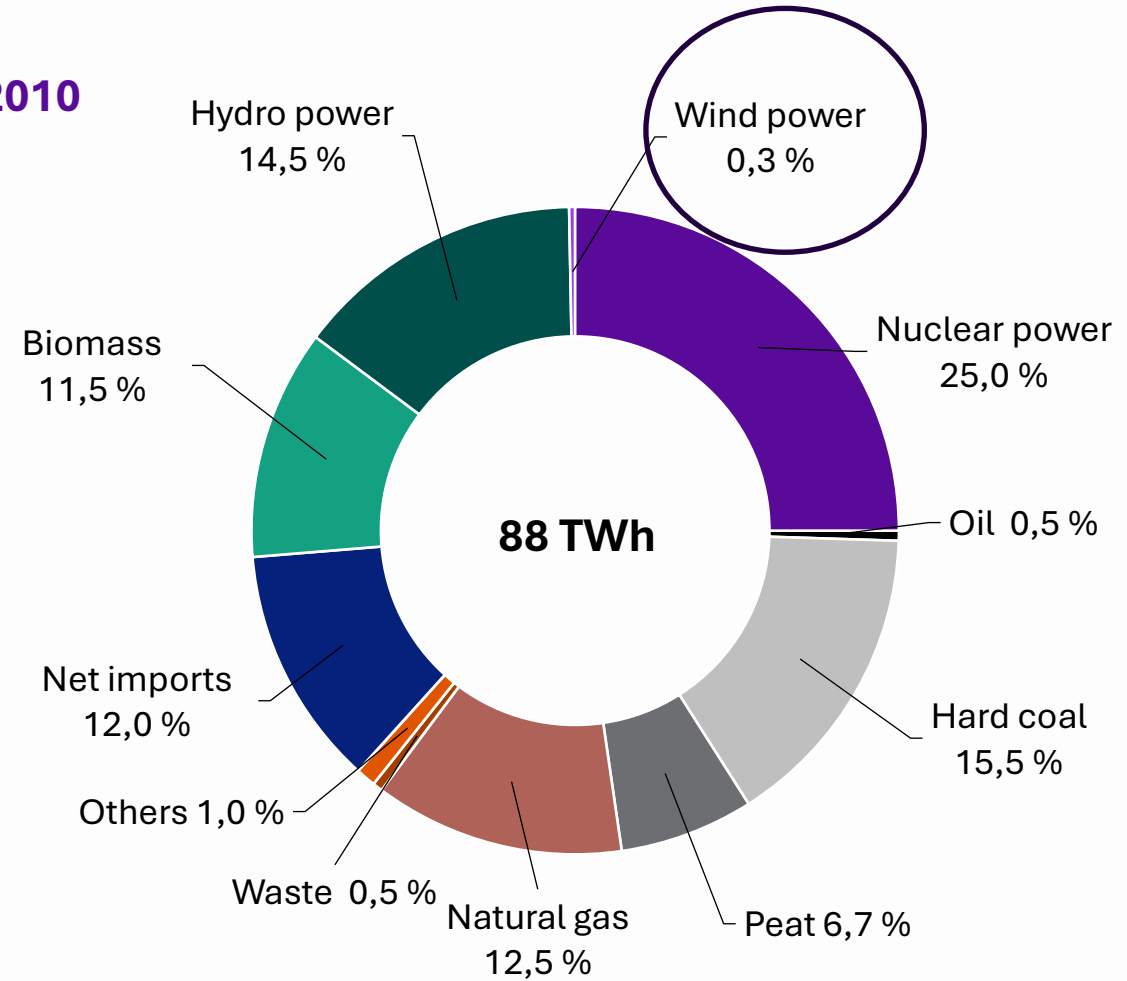


Electricity by energy source and net imports

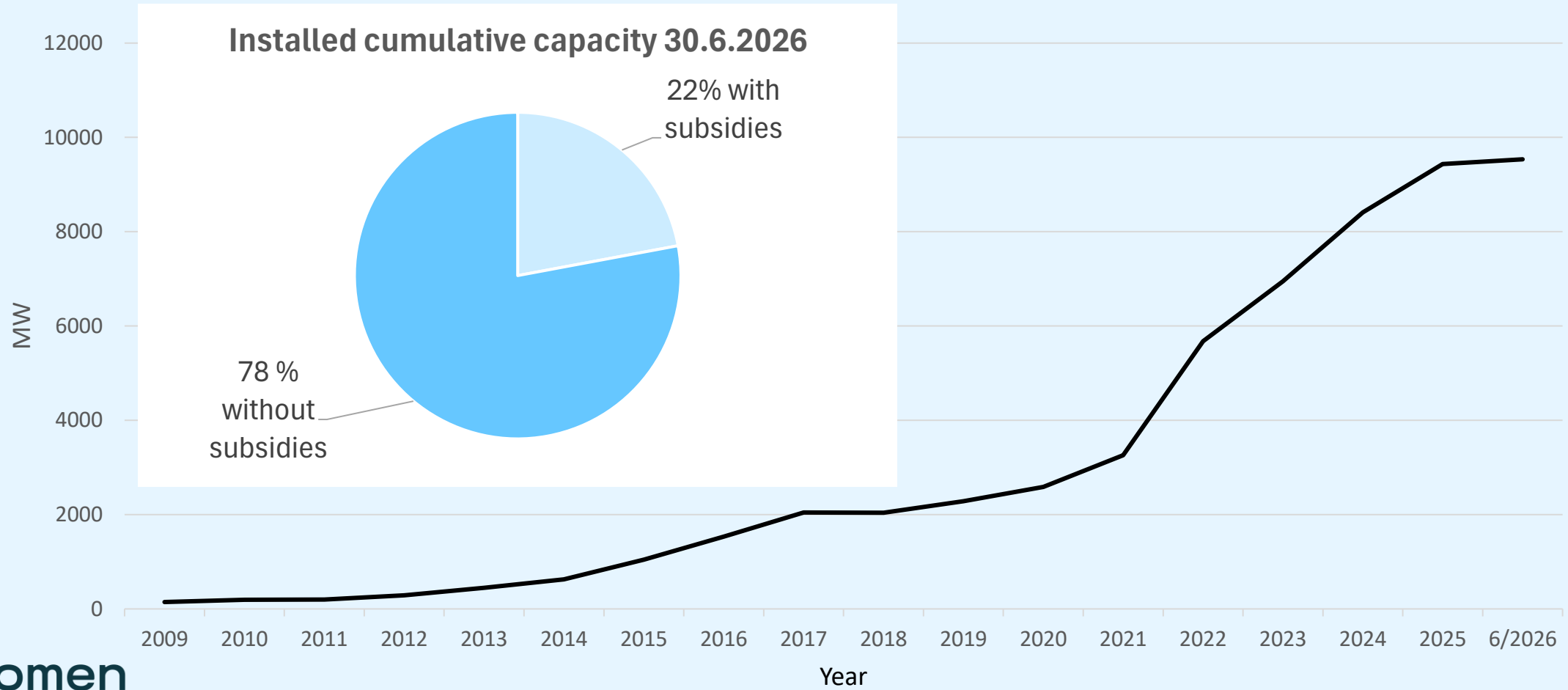
2025



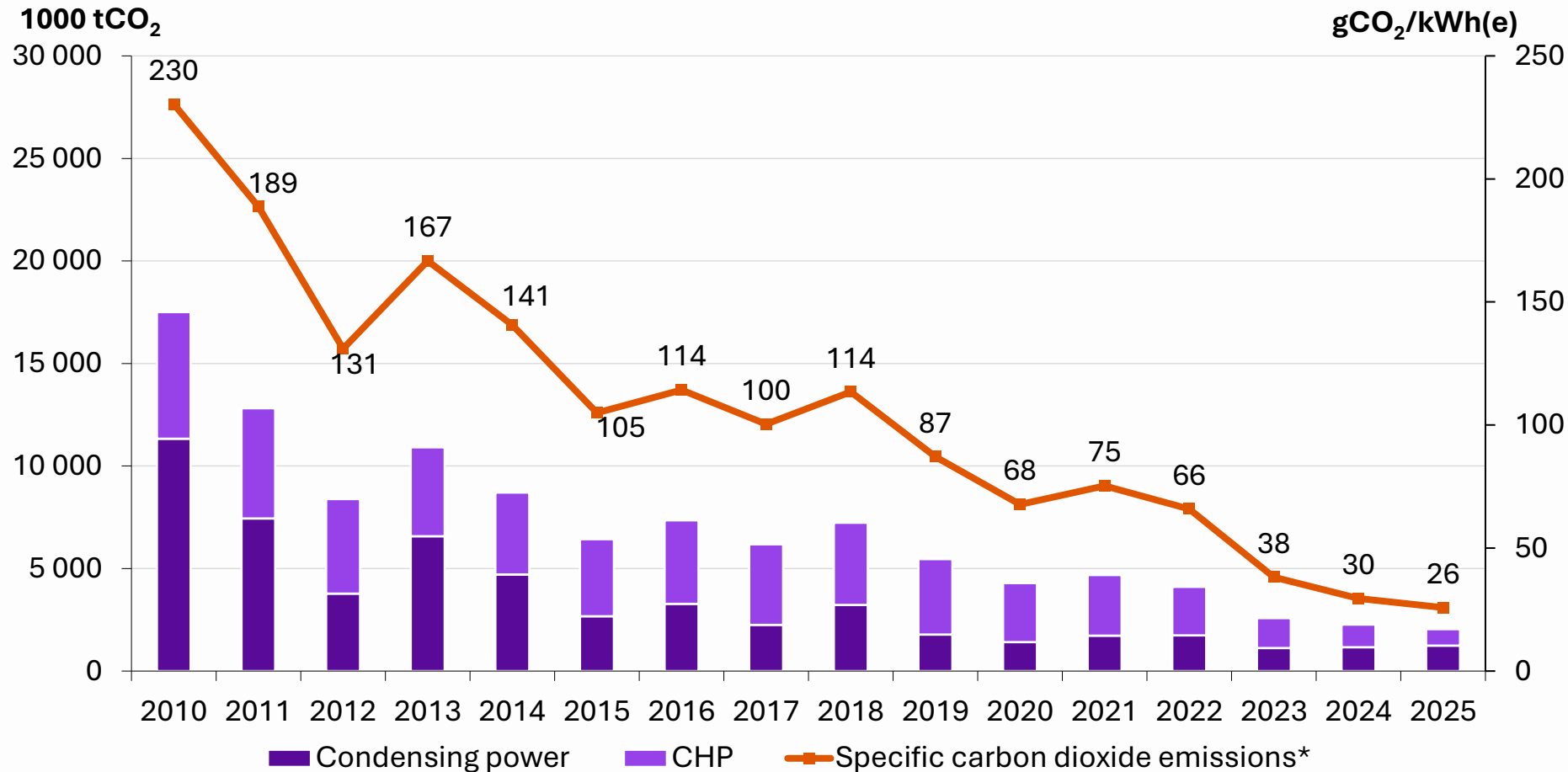
2010



Installed cumulative wind power capacity (MW) 2009 – 30.6.2026, Finland



CO2-emissions of power generation have collapsed / Finland



*Source: Statistics Finland (2010-2024), estimation by Finnish Energy (2025)

CO2-emissions of power generation:

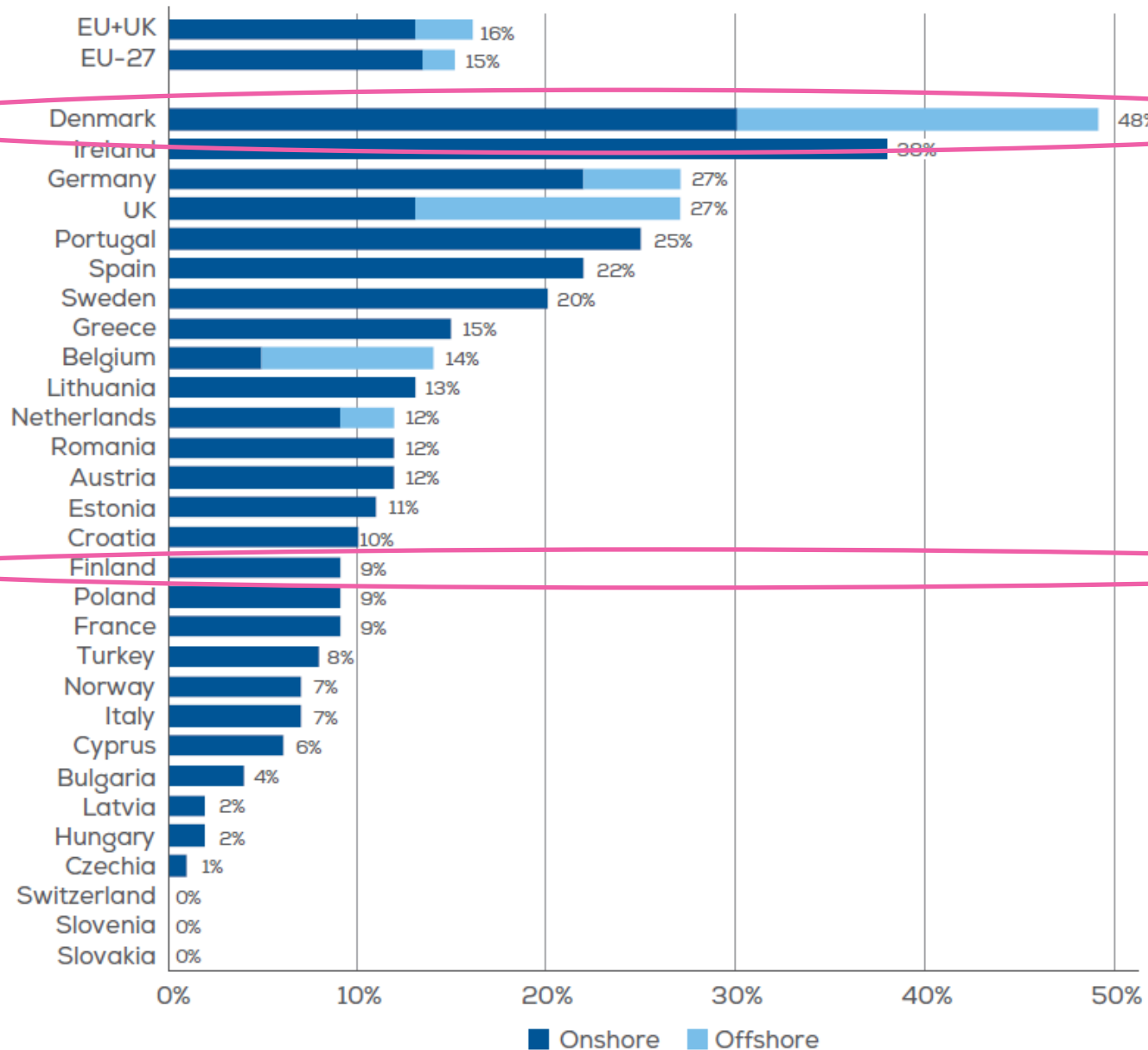
- 2.0 Mt in year 2025
- 2.3 Mt in year 2024
- 6.4 Mt in year 2015
- 17.5 Mt in year 2010
- 2025 vs. 2024 -10 %
- Emissions -52 % since 2020
- Emissions -88 % since 2010

share of electricity demand covered by wind in 2020



FIGURE 8

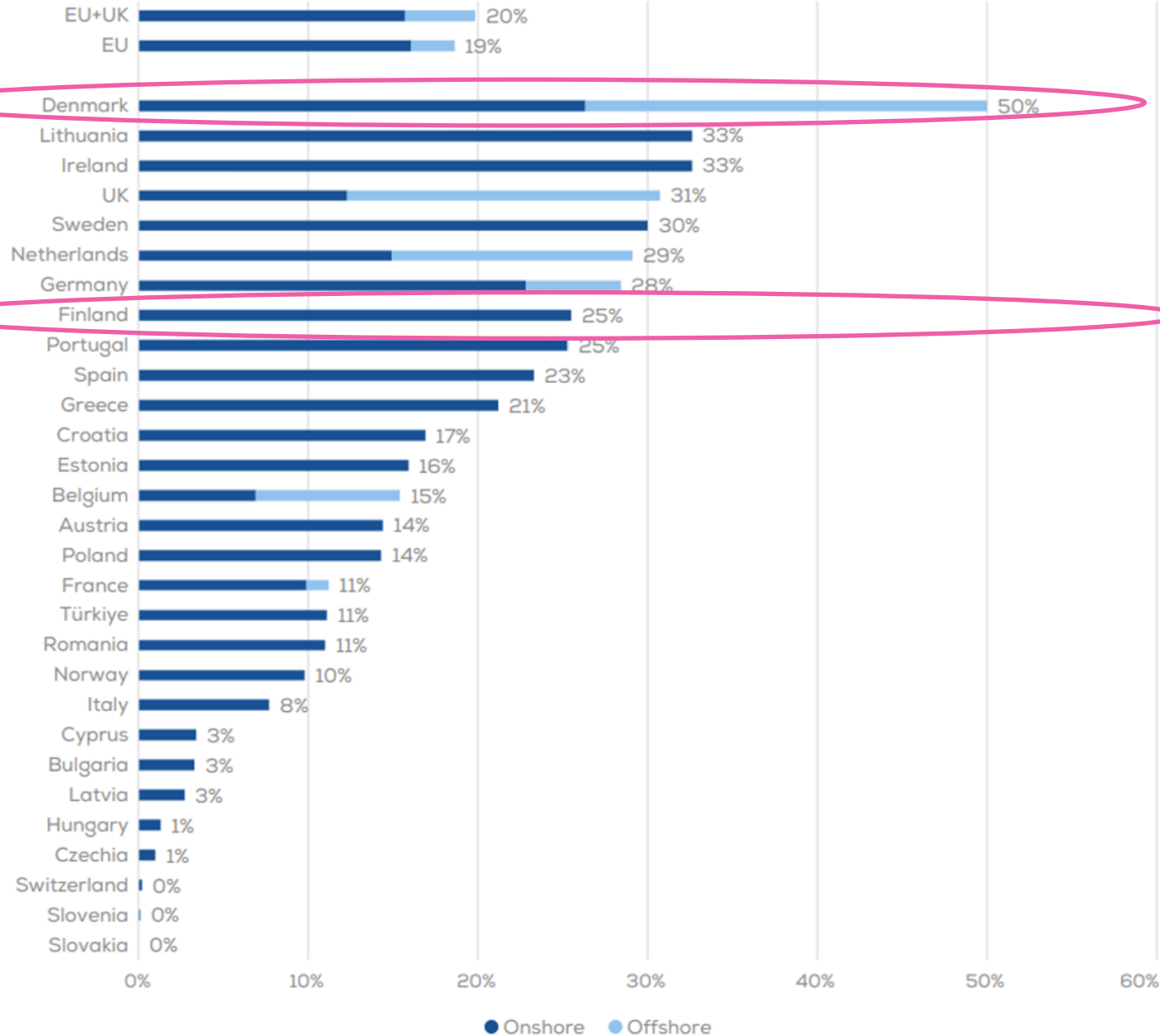
Percentage of the average annual electricity demand covered by wind¹³



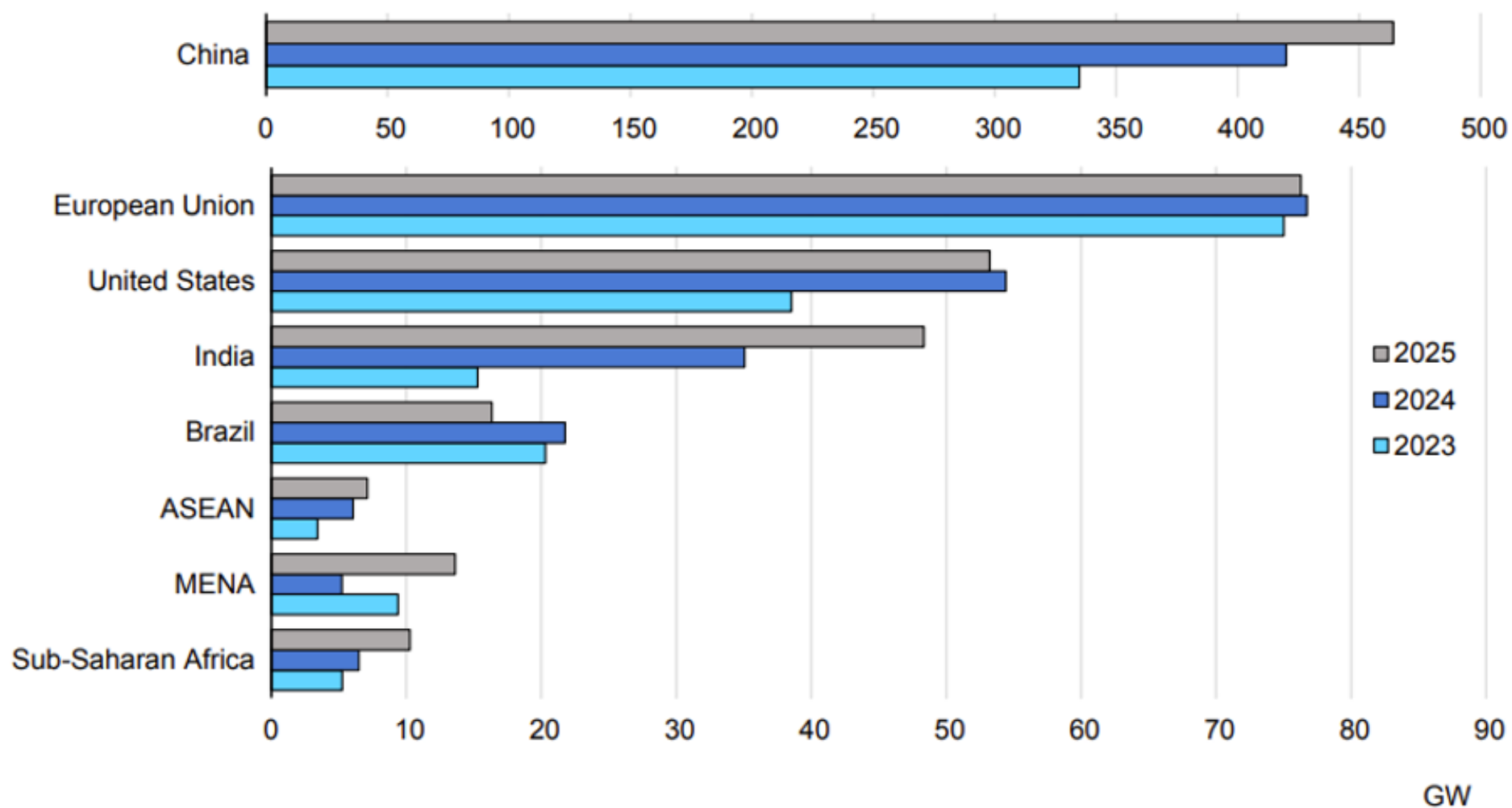
Share of electricity demand covered by wind in 2025



FIGURE 7. Percentage of electricity demand covered by wind in 2025



Renewable electricity capacity additions by country/region, 2023-2024

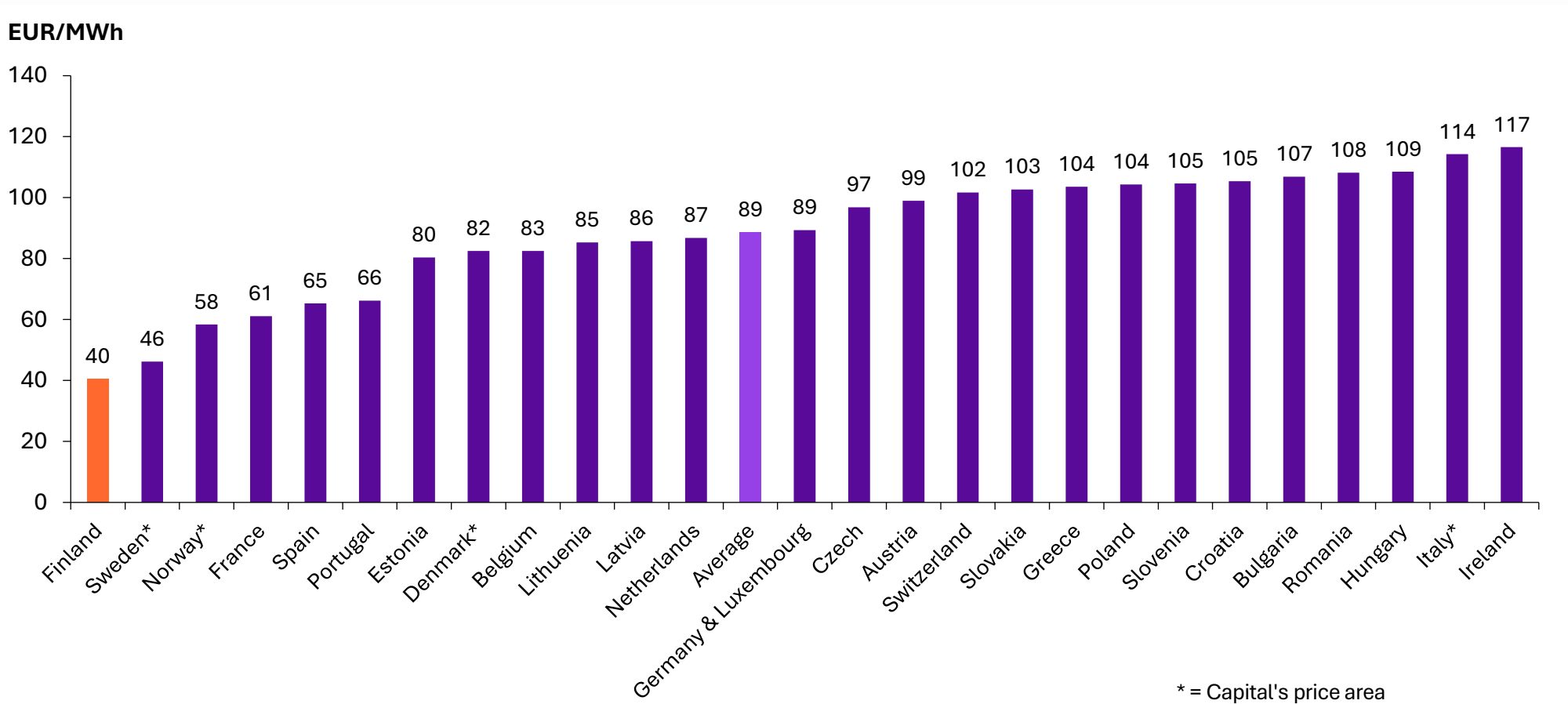


IEA. CC BY 4.0.

Notes: ASEAN = Association of Southeast Asian Nations. MENA = Middle East and North Africa.

Finland has the lowest electricity prices in Europe

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

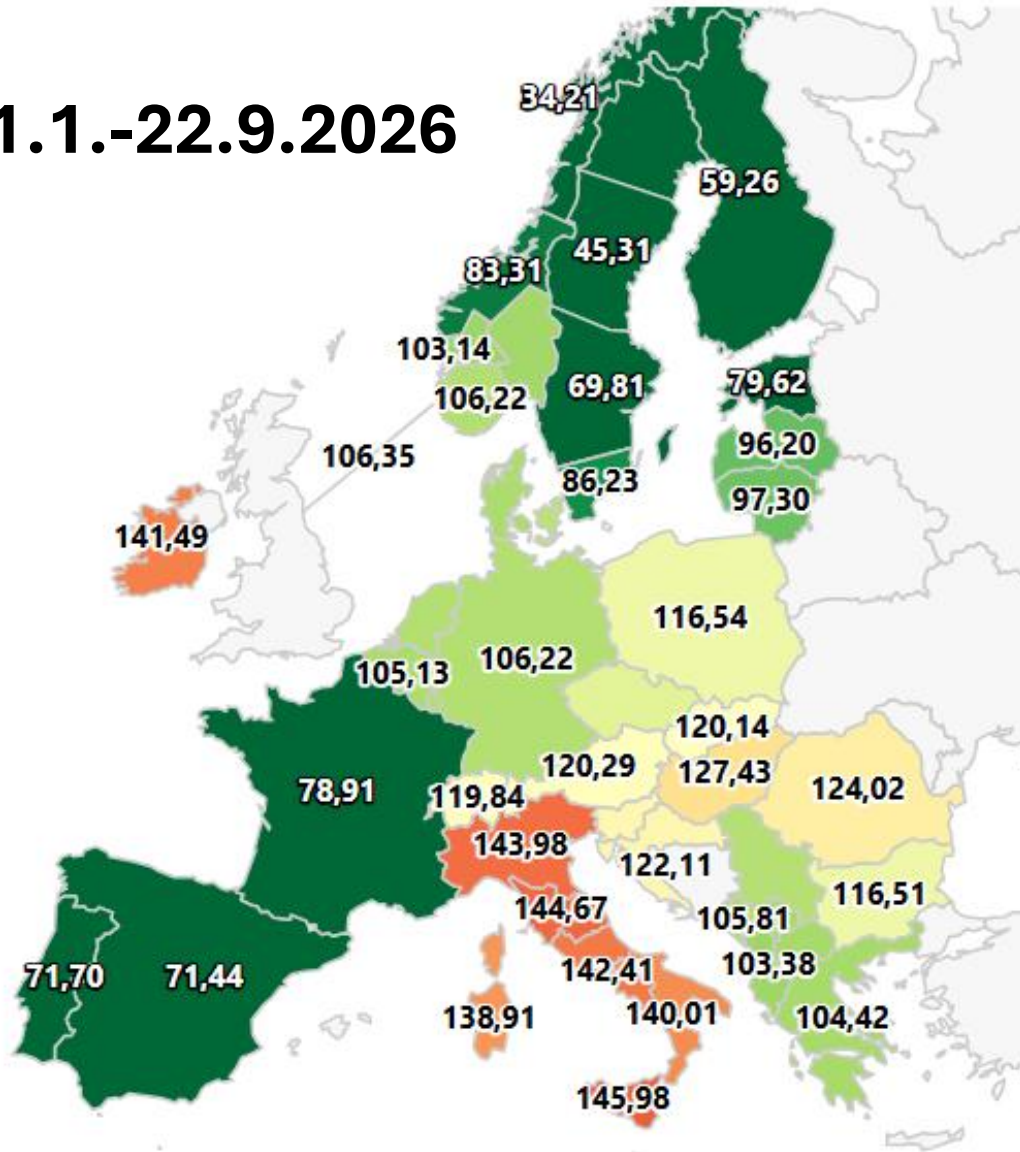


Data: Nord Pool & Energy-Charts

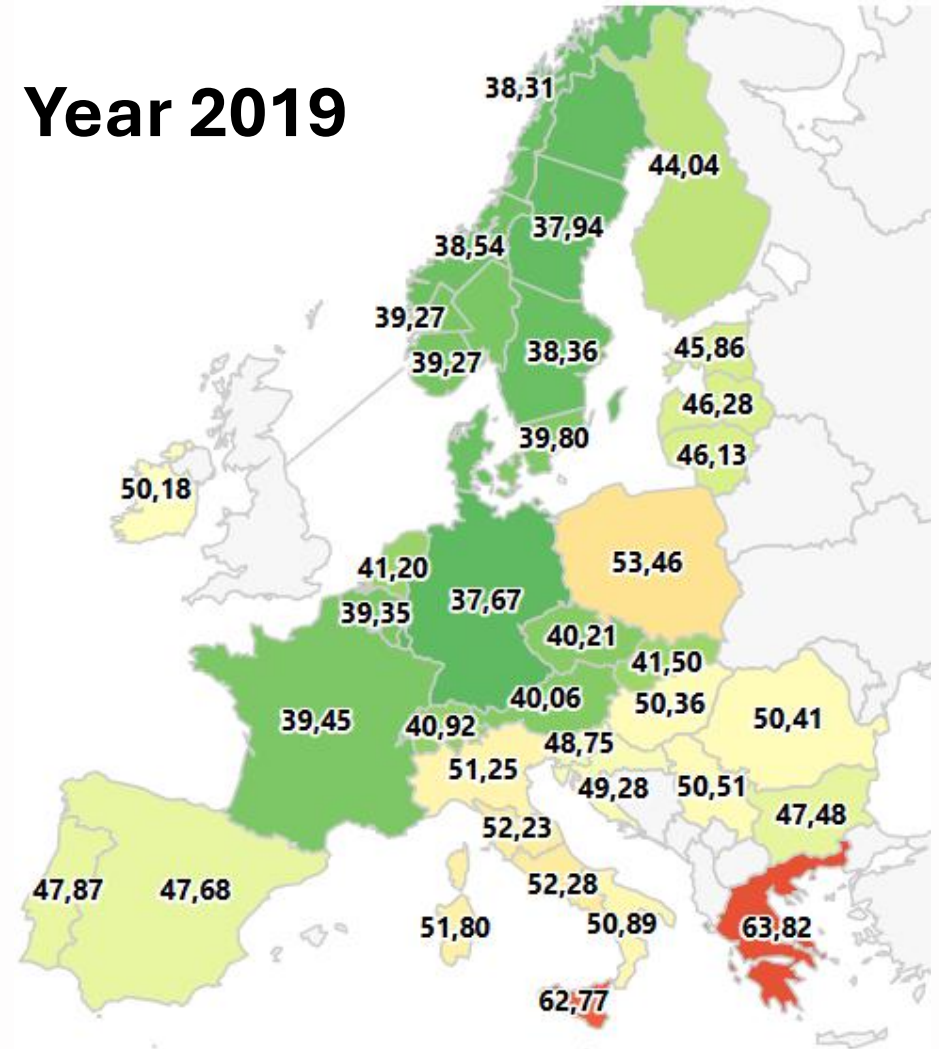
Wholesale electricity prices in Europe 2019 and 2026

Annual average of spot prices in day-ahead markets

1.1.-22.9.2026



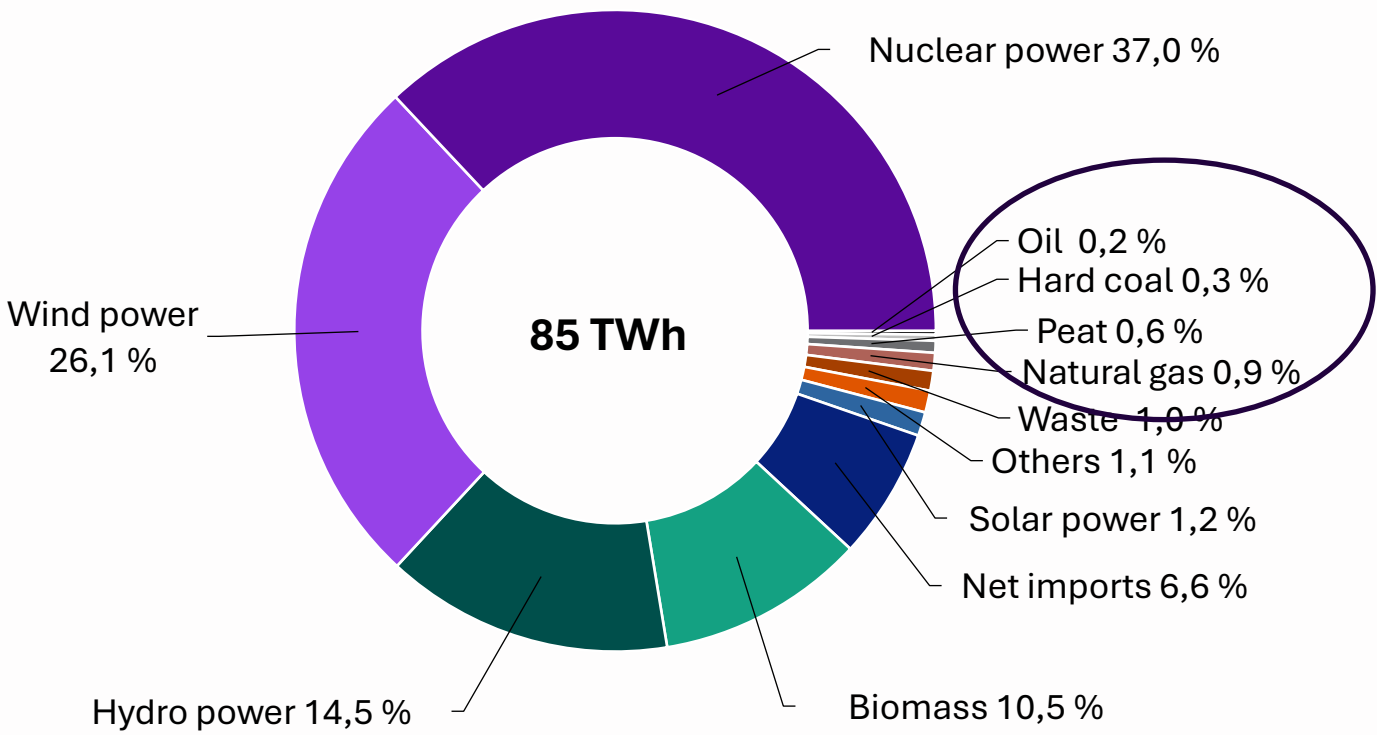
Year 2019



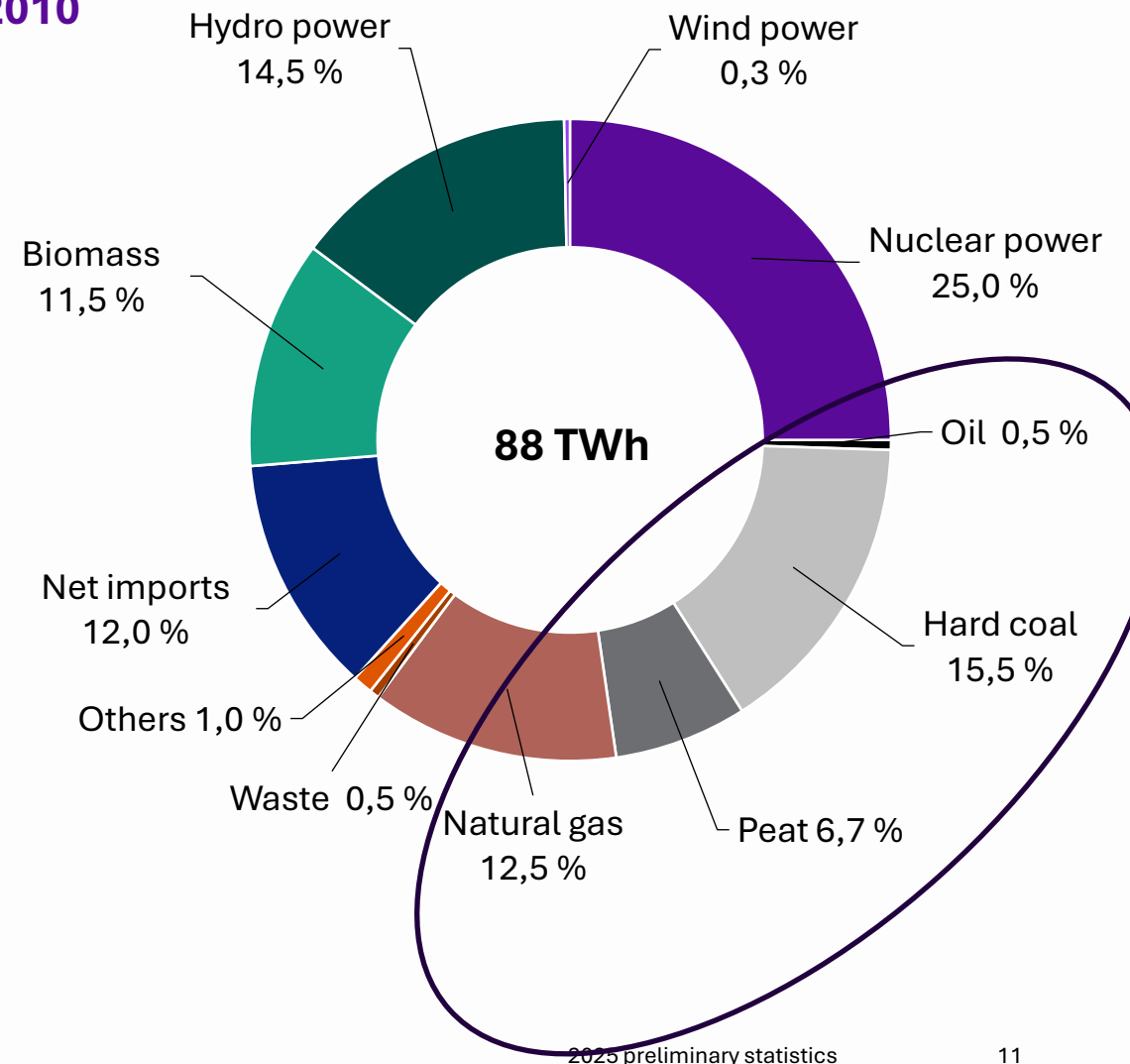
Source: Energy-charts.org, Fraunhofer Institute

Electricity by energy source and net imports

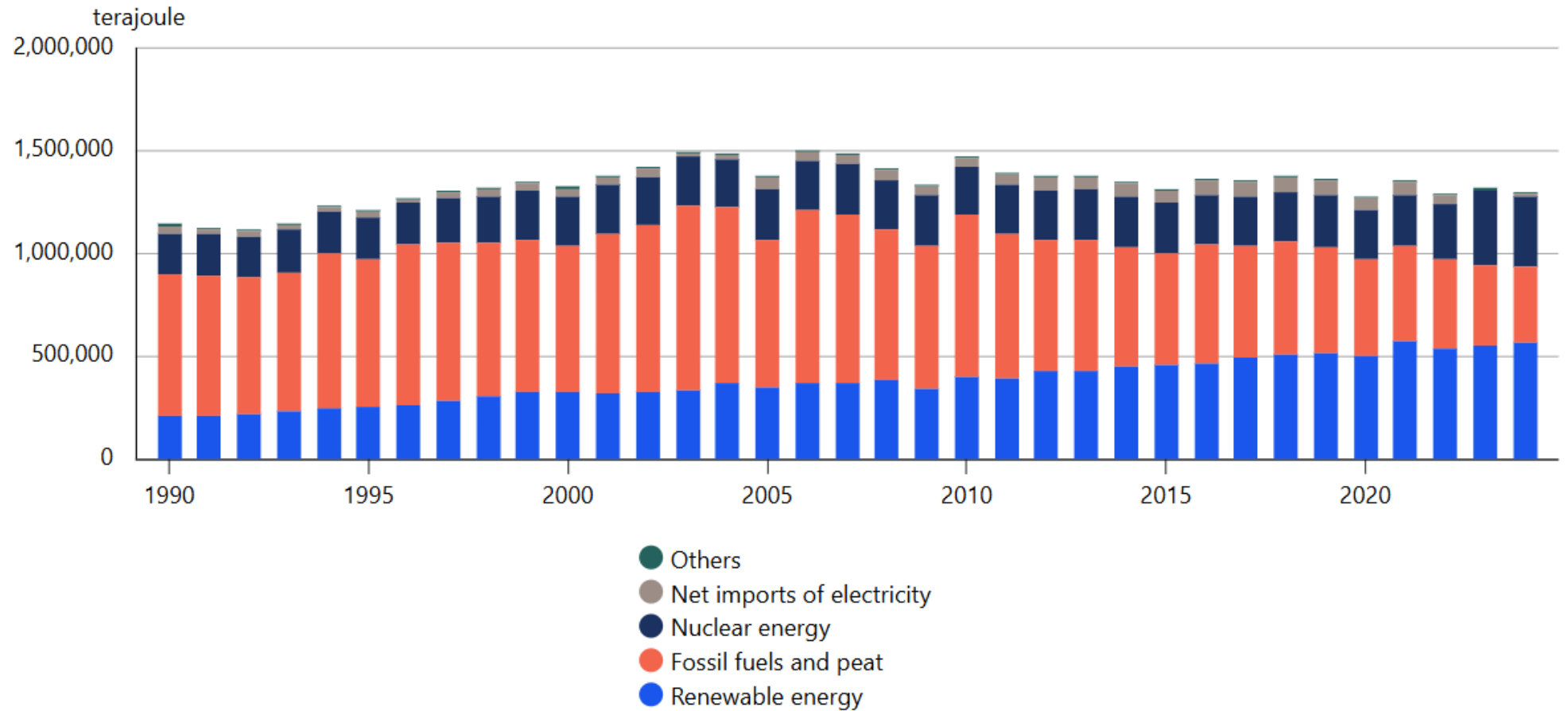
2025



2010



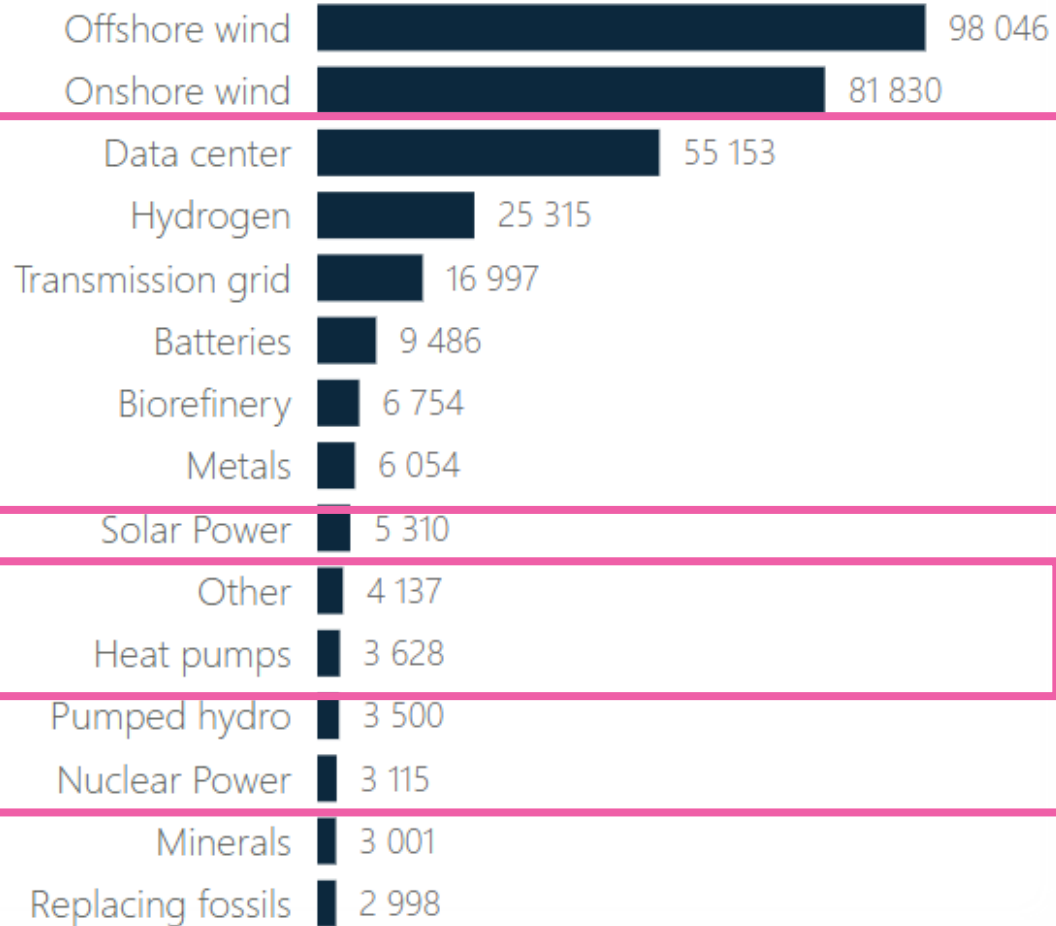
Total energy consumption by energy source 1990-2024



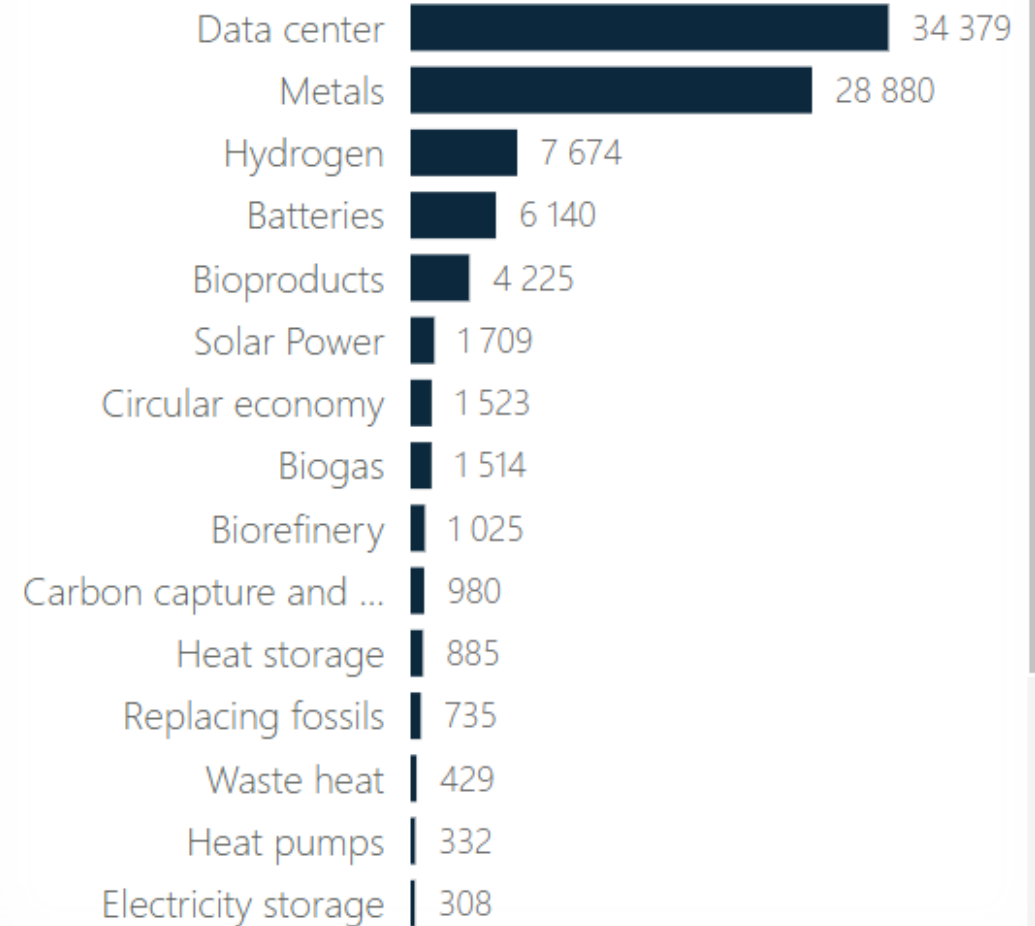
Updated: 16/12/2025

Source: Statistics Finland, energy supply and consumption

Investment amount (M€) by theme



Jobs by theme



Source: [EK, 22.9.2026](#)



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Thank you for your attention!

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