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# **Wind power in Finland in 2024**

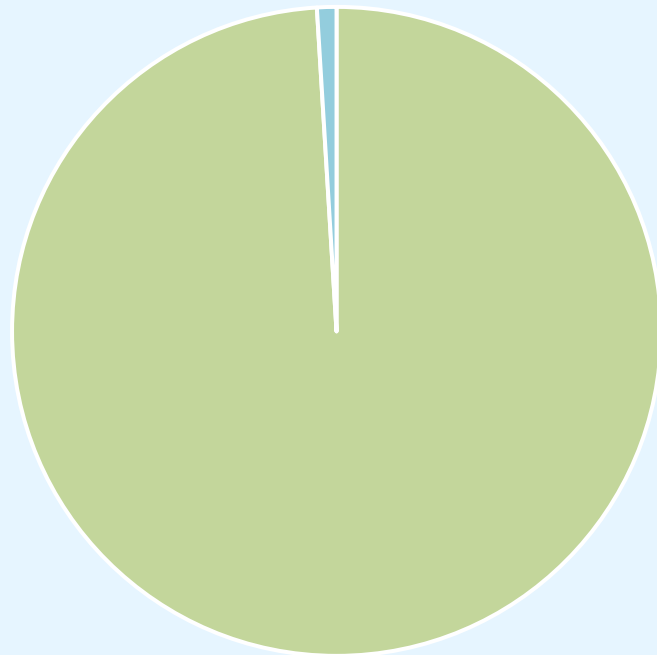
**Annual statistics**

Renewables Finland

3.1.2025

# Summary 31.12.2024

Share of onshore and offshore cumulative capacity



■ Onshore 99 % ■ Offshore 1 %

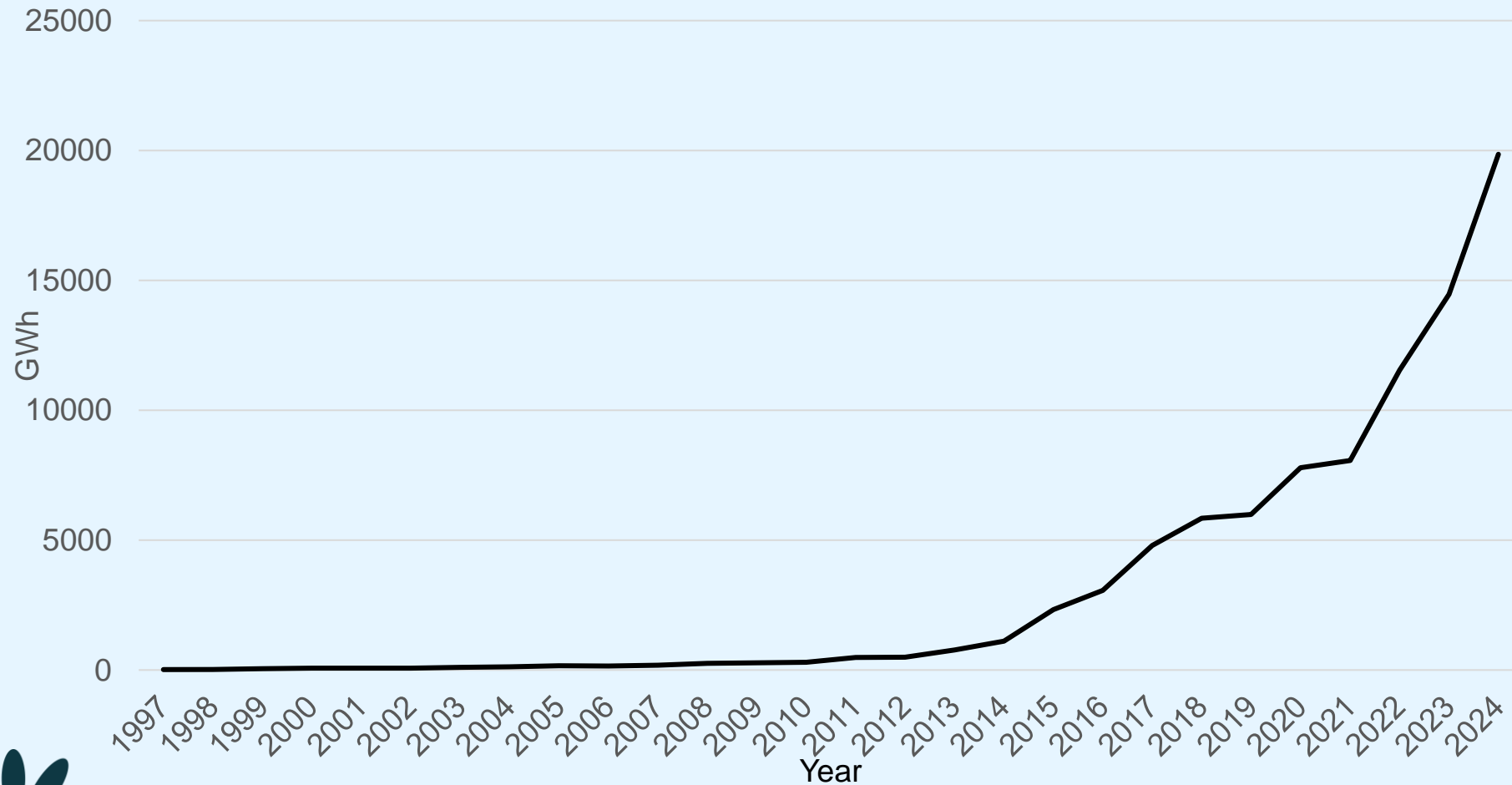


## Installed wind power capacity

**2024**

Installed wind turbines	235	WTG
Rated power of installed turbines	1 414	MW
Decommissioned turbines	0	WTG
Rated power of decommissioned turbines	0	MW
Cumulative number of installed turbines	1 835	WTG
Cumulative capacity (MW)	8 358	MW
Annual production (TWh)	19,854	TWh

# Annual wind power production (GWh)

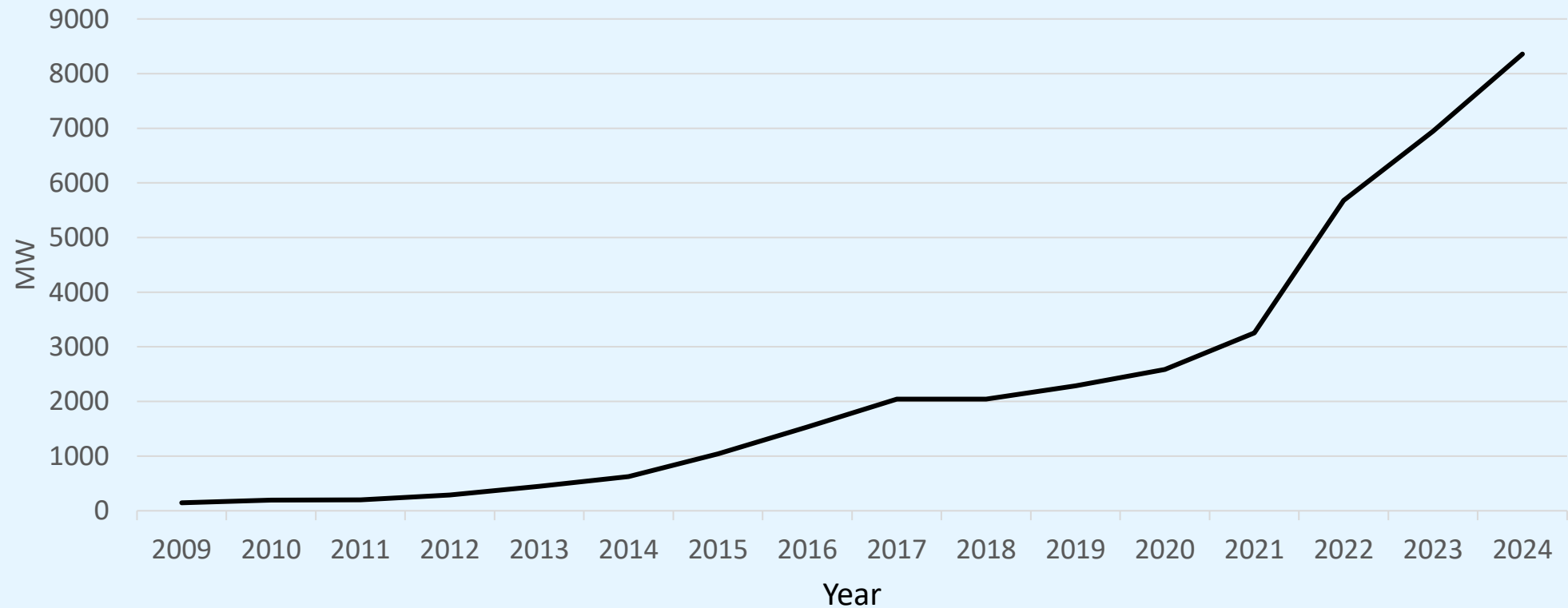


In 2025 24 % of the electricity consumption was covered with wind power in Finland (source: Energy industries Finland)



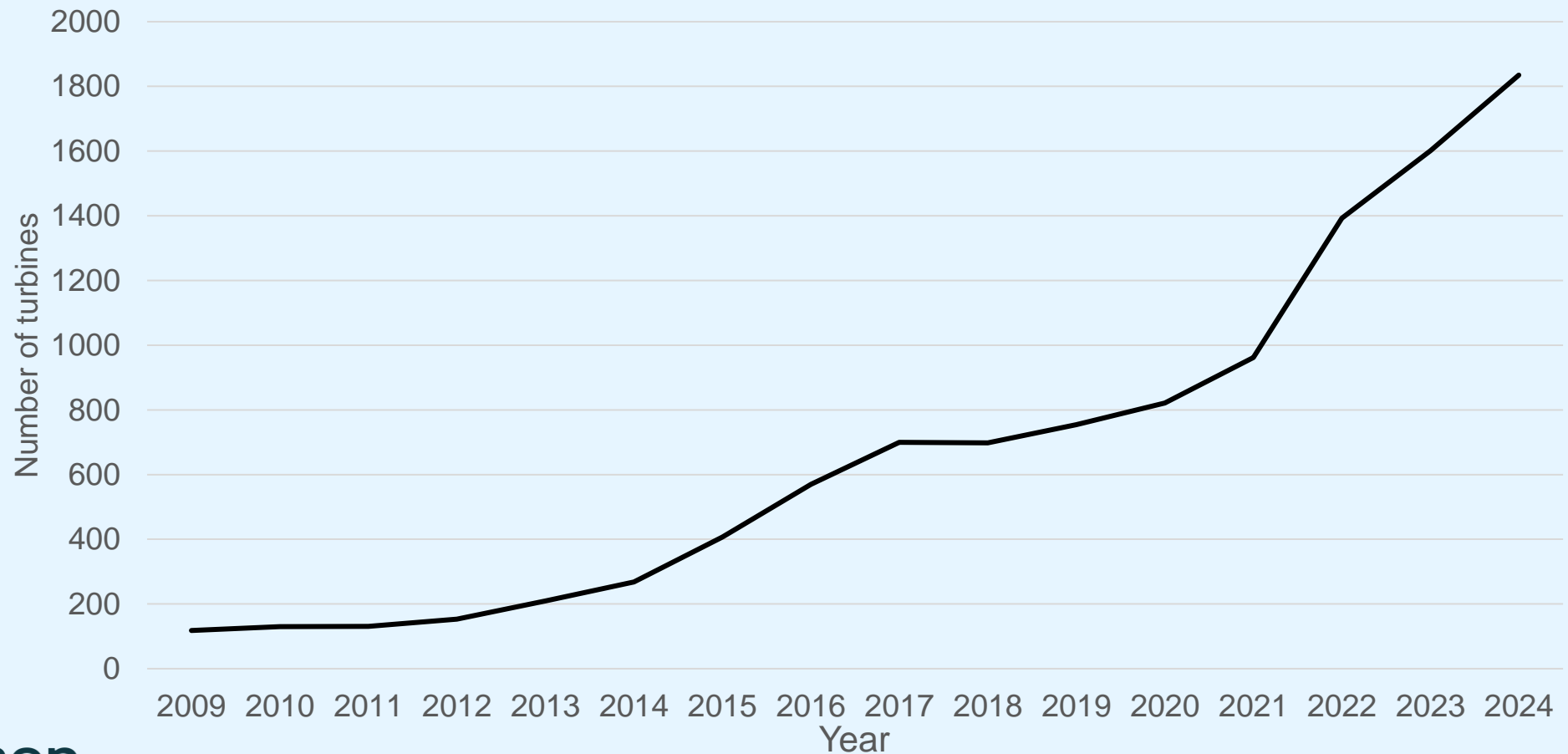
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# Installed cumulative capacity (MW) 2009 -2024



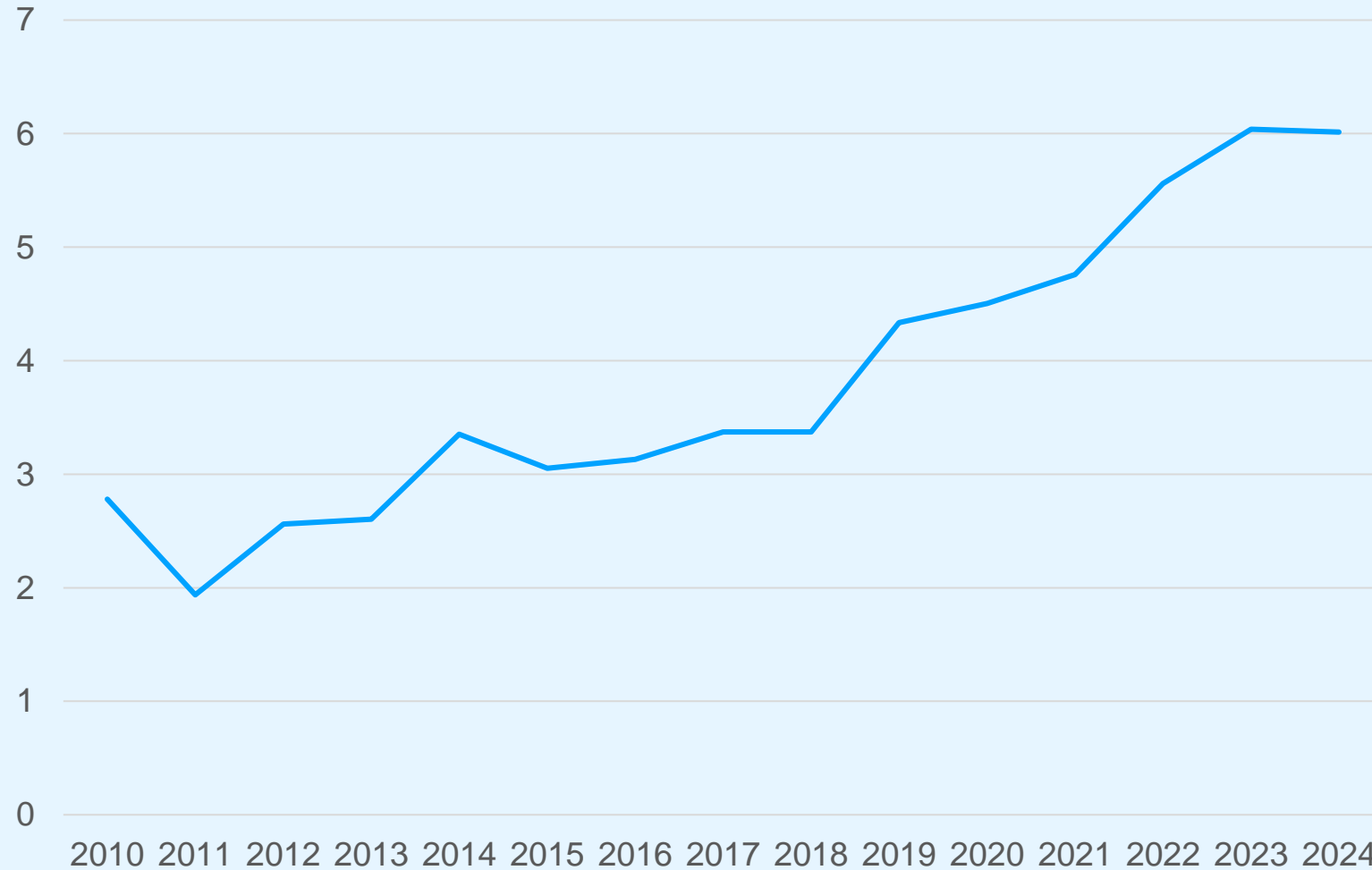
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# Cumulative number of installed wind turbines 2009 – 2024



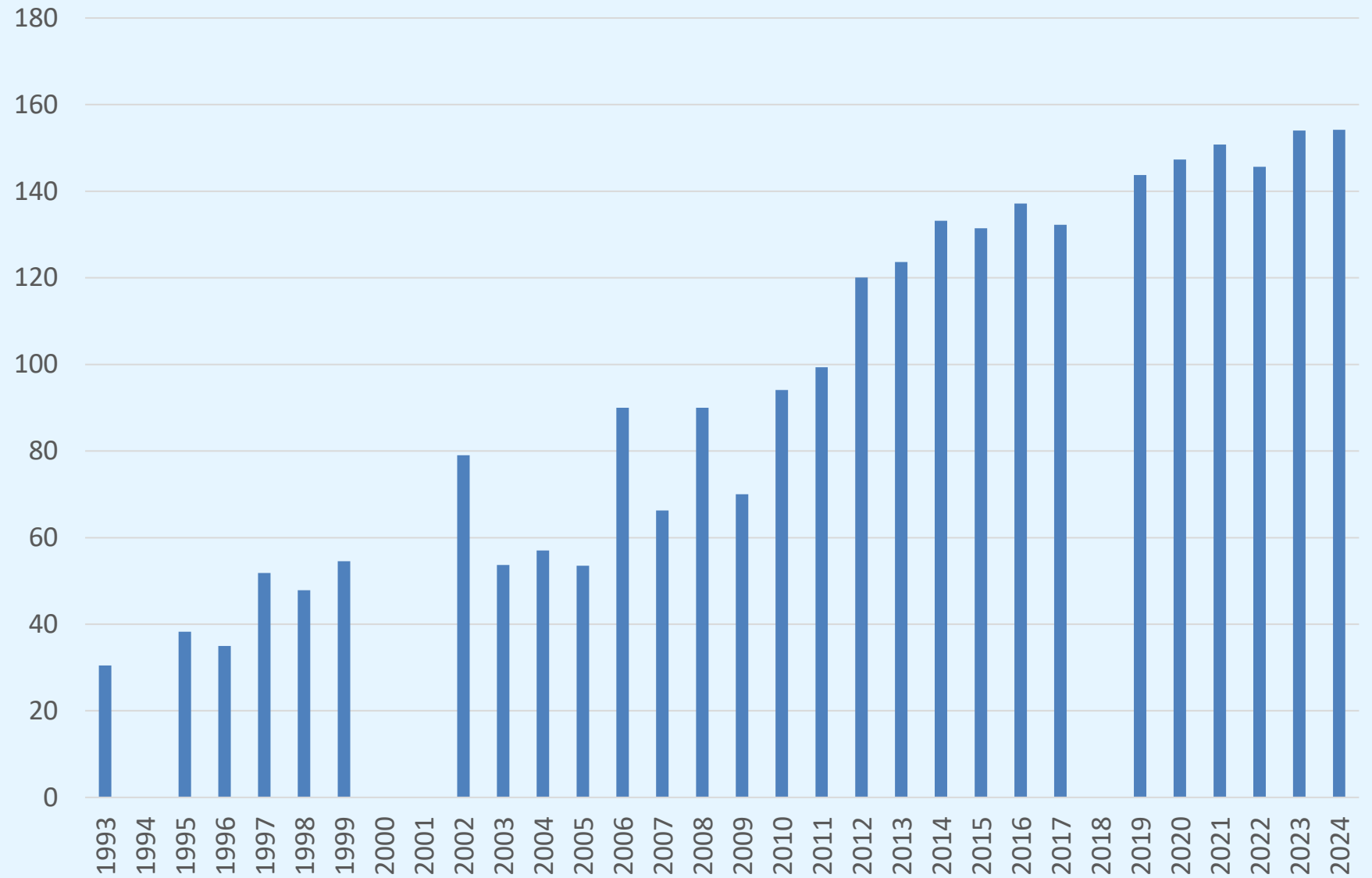
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# The average capacity of installed wind turbines (MW)



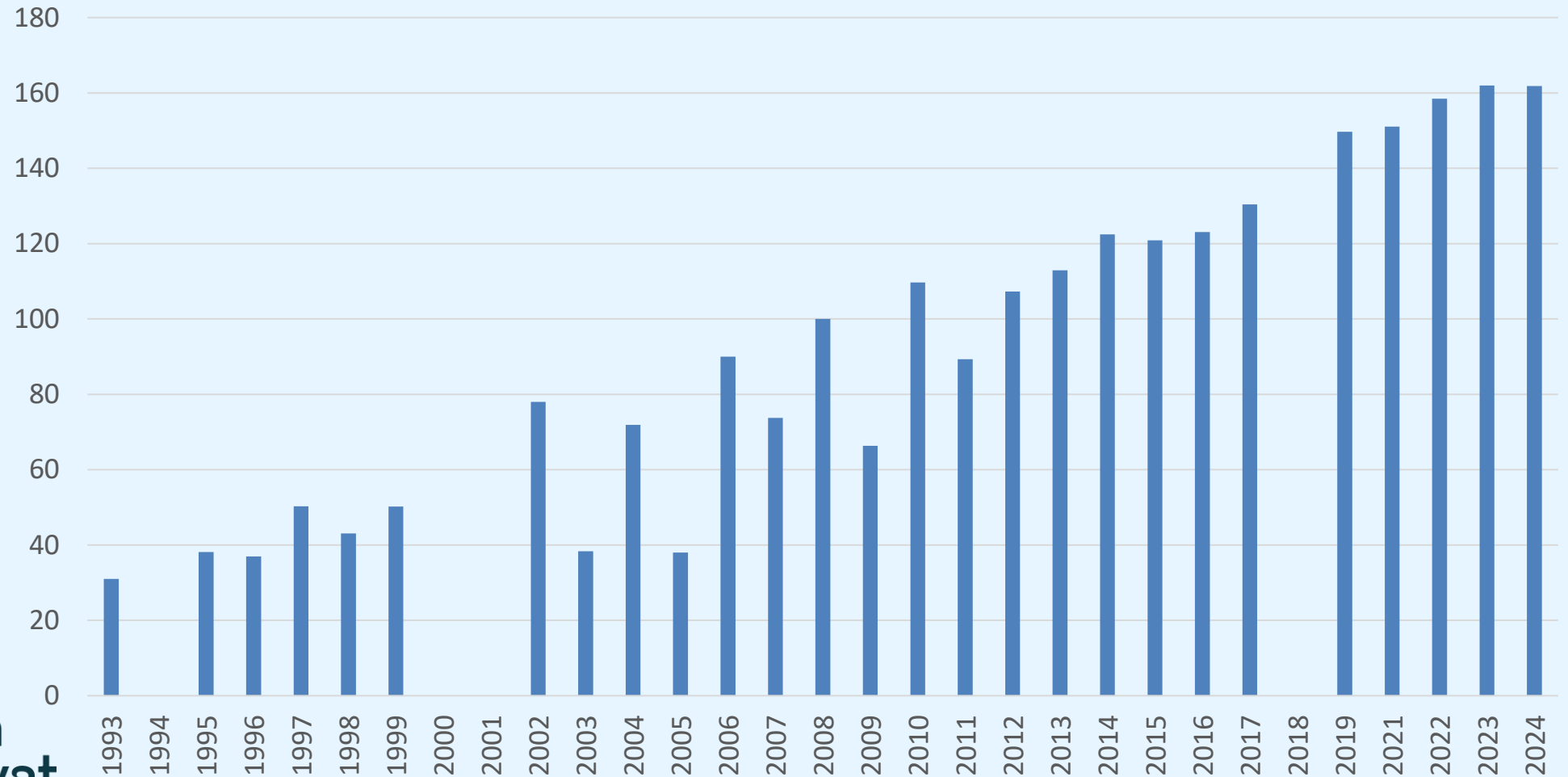
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# Average hub height of installed turbines (m))



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# Average rotor diameter length (m) of installed turbines

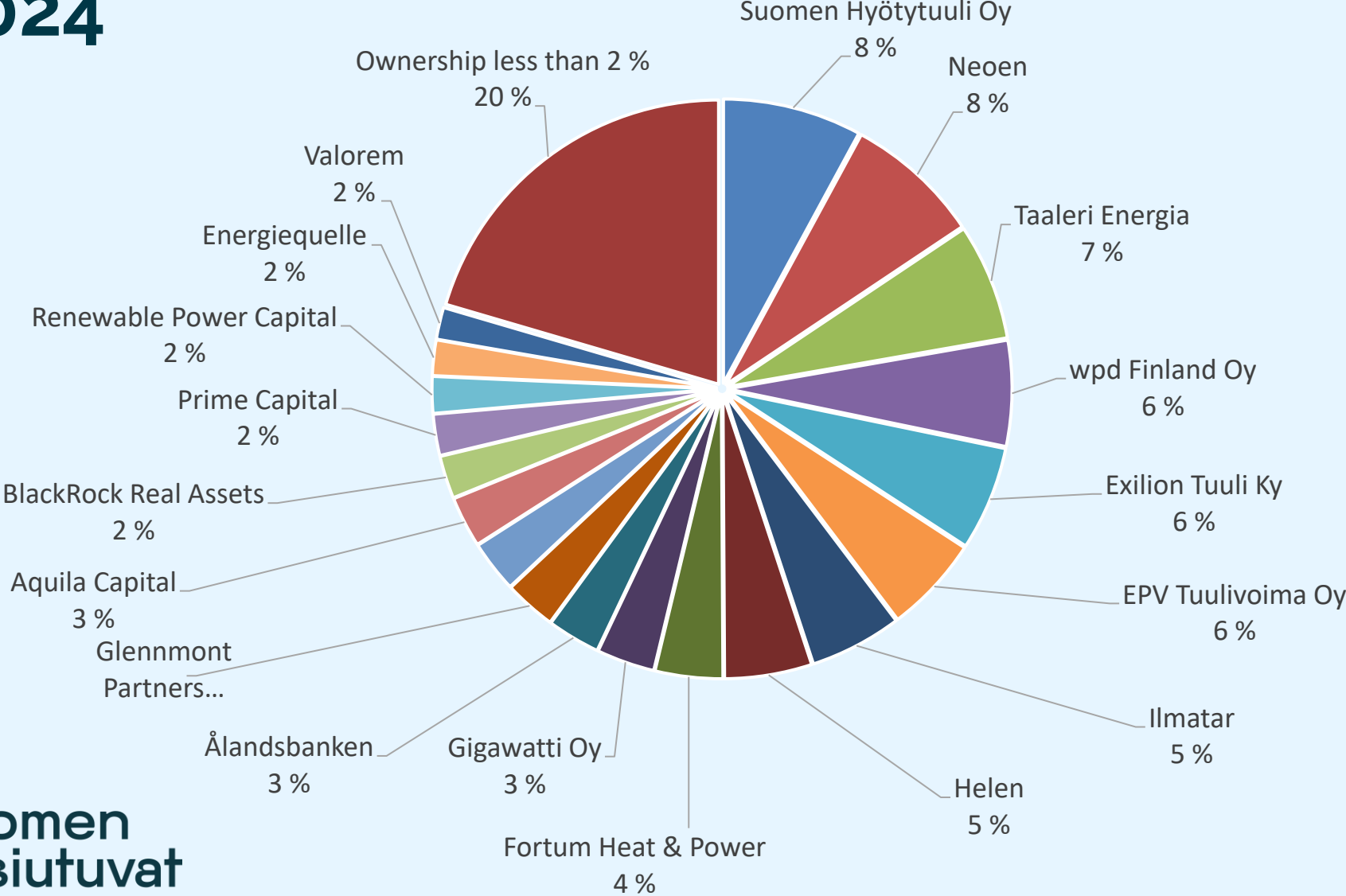


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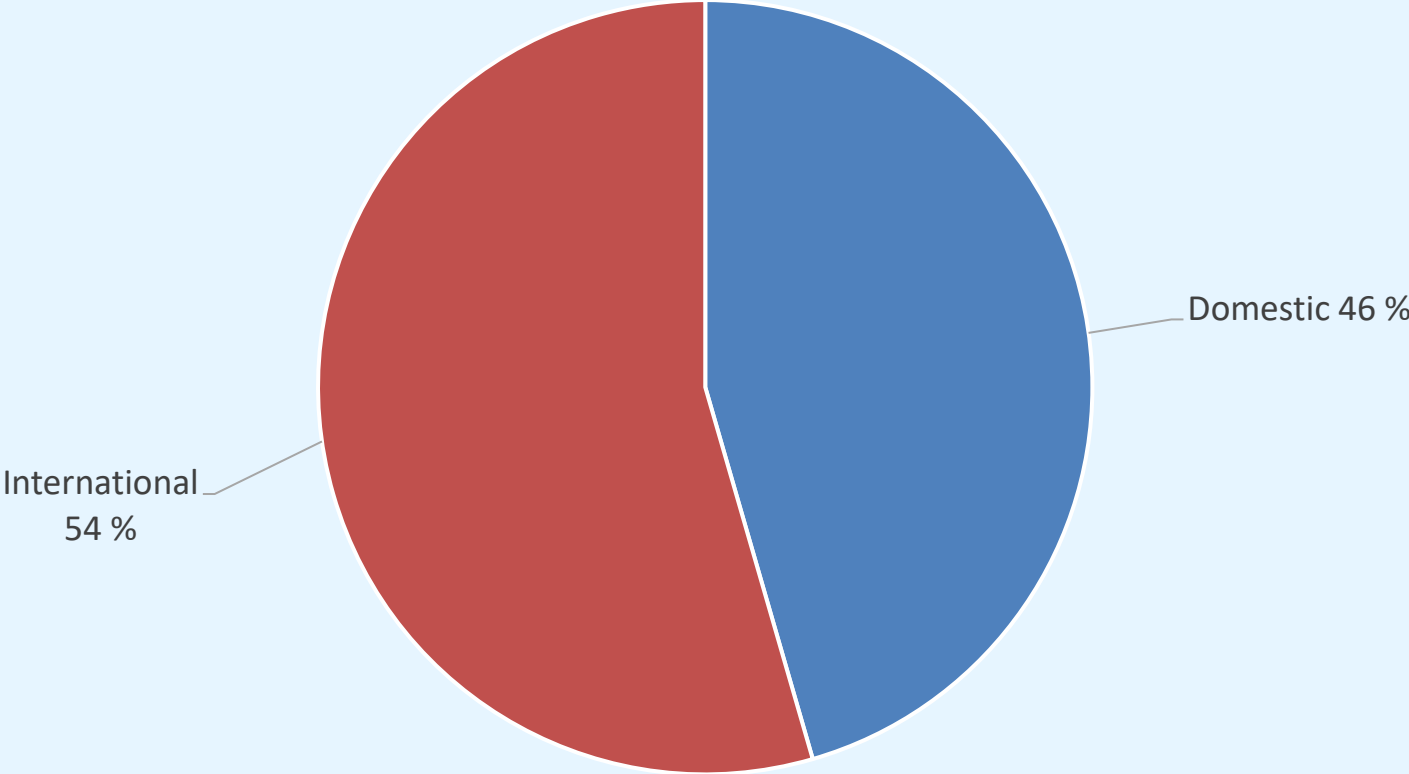


# Owners – shares of cumulative capacity (MW)

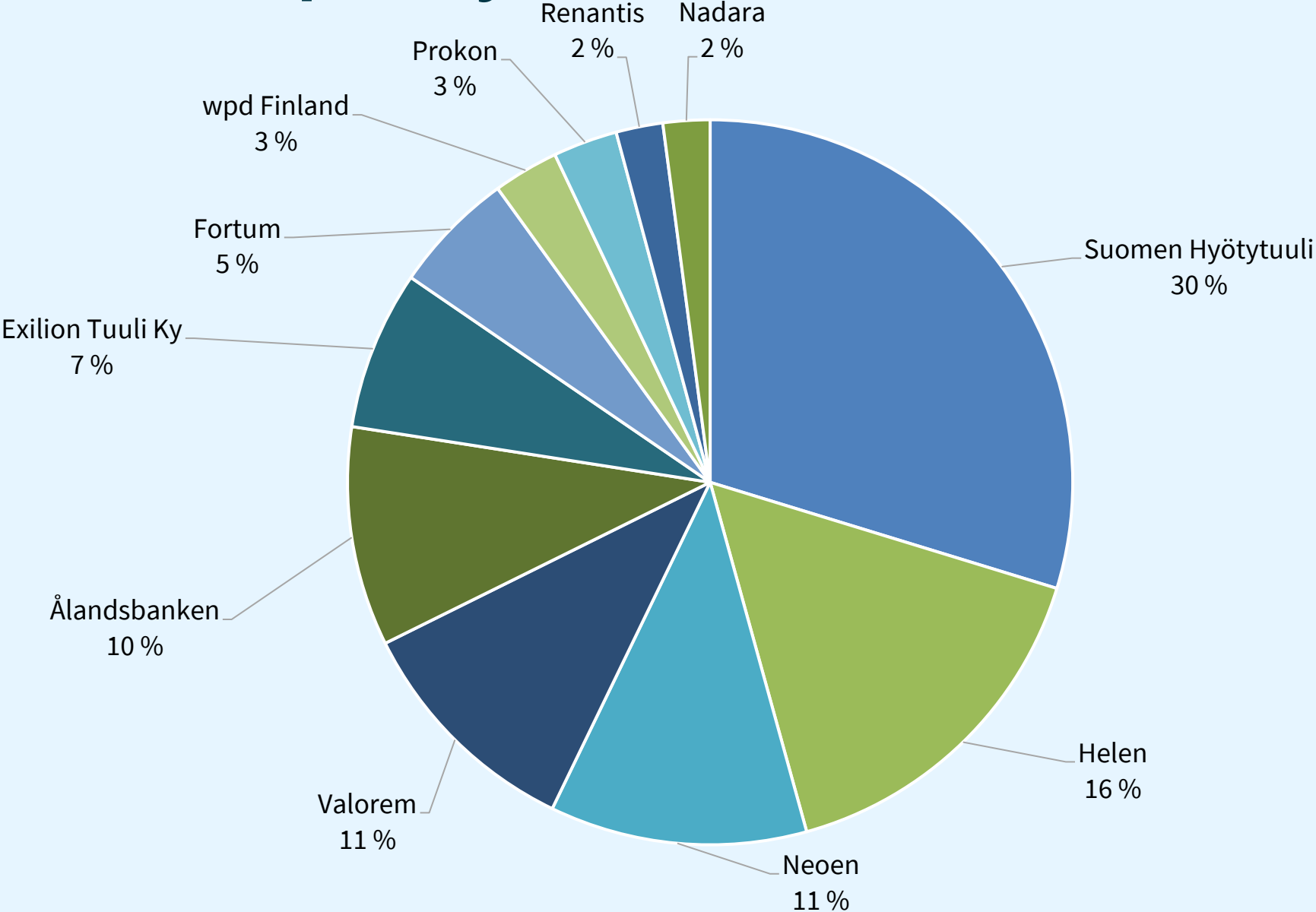
31.12.2024



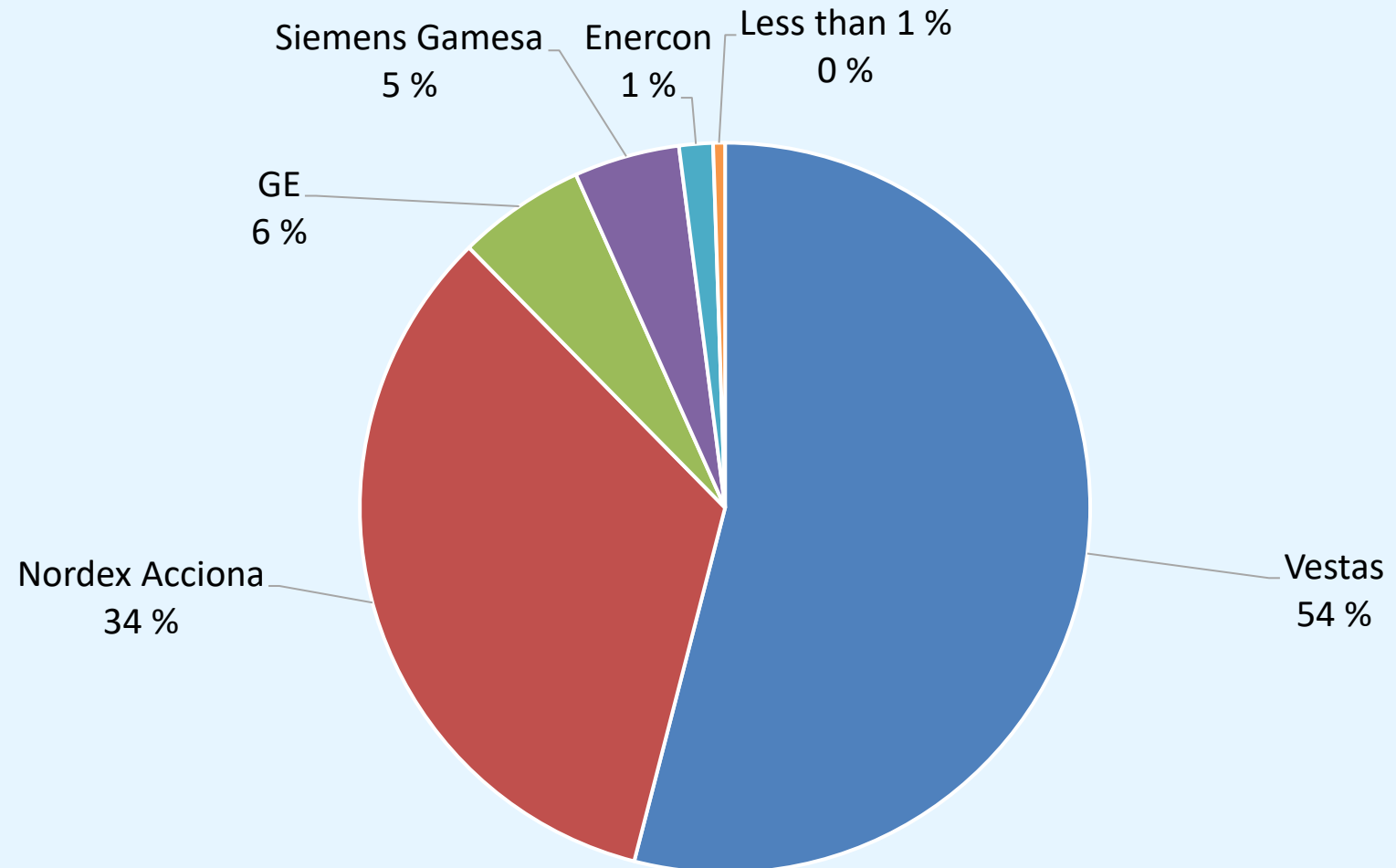
# Shares of domestic and foreign owners 2024 – cumulative capacity



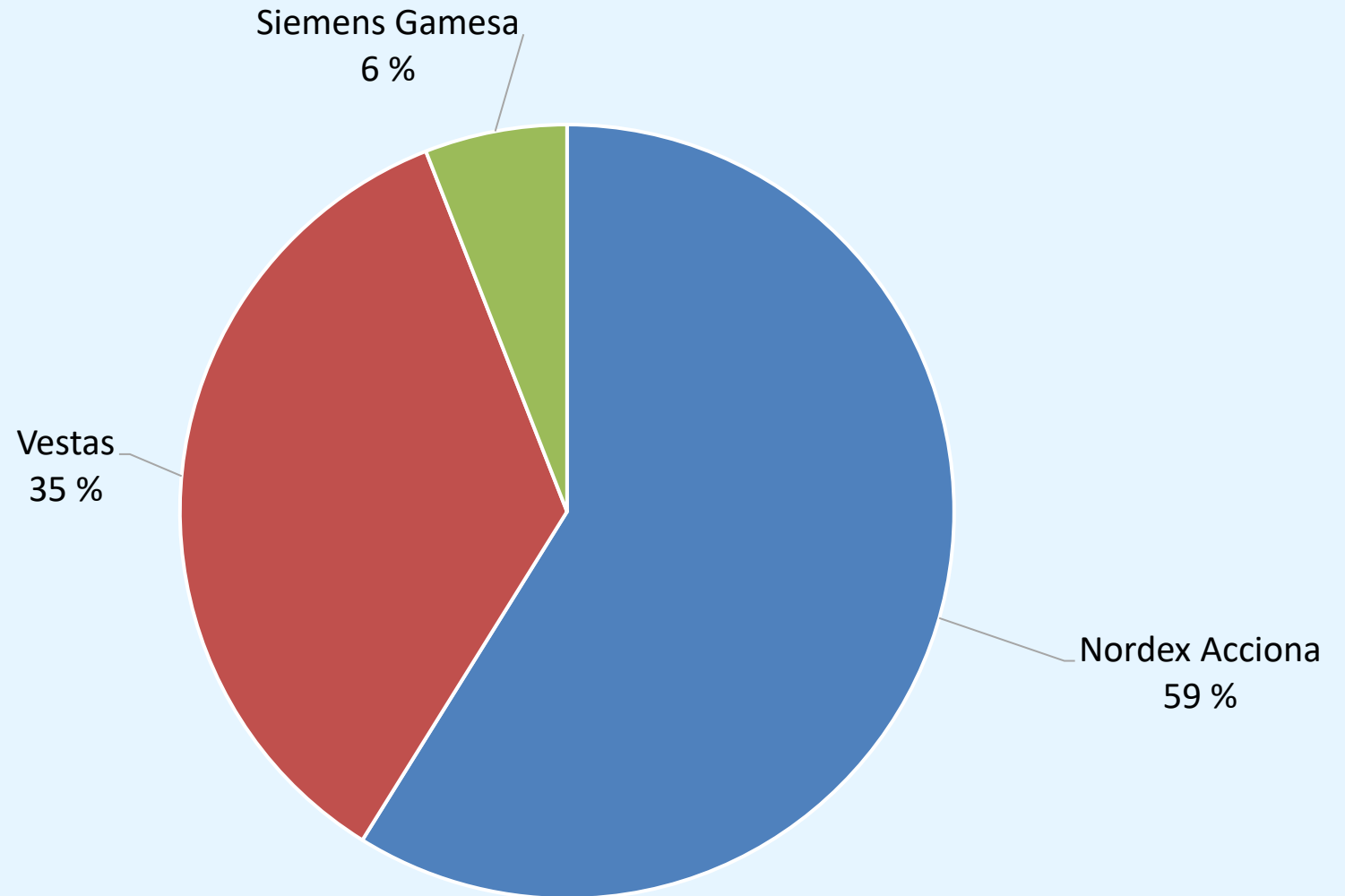
# Owners – shares of capacity installed in 2024



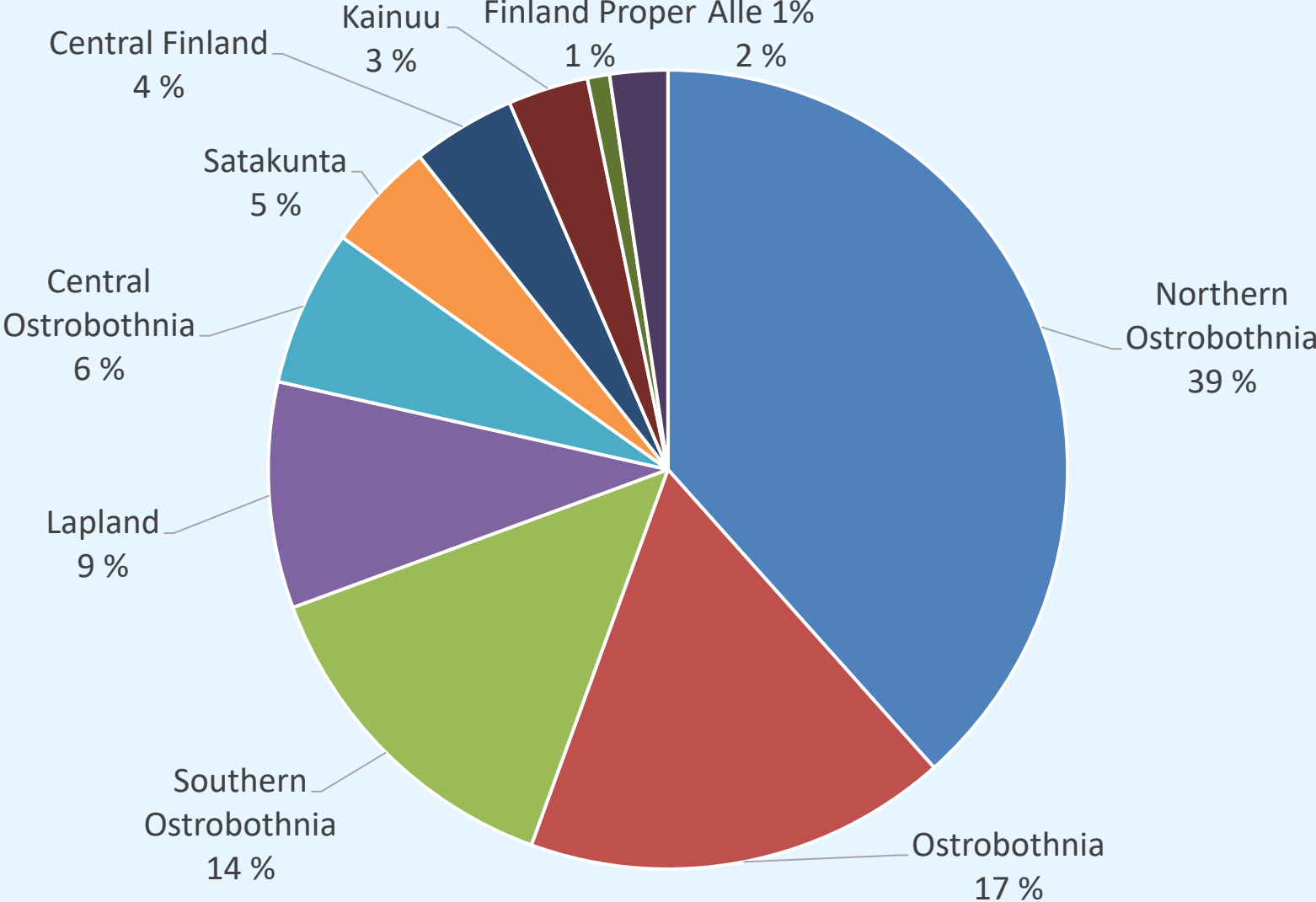
# Wind turbine suppliers – shares of cumulative capacity (MW) 31.12.2024



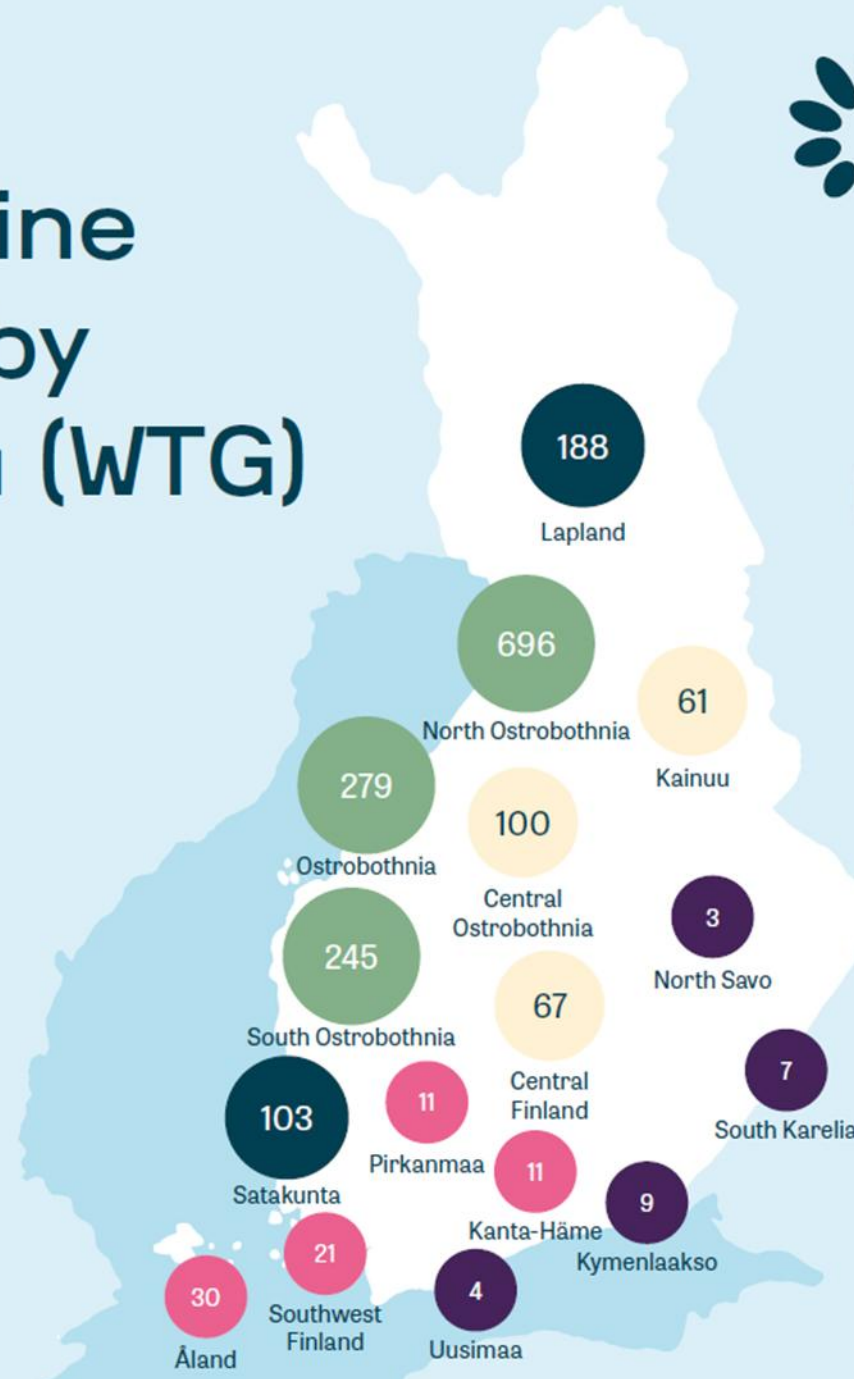
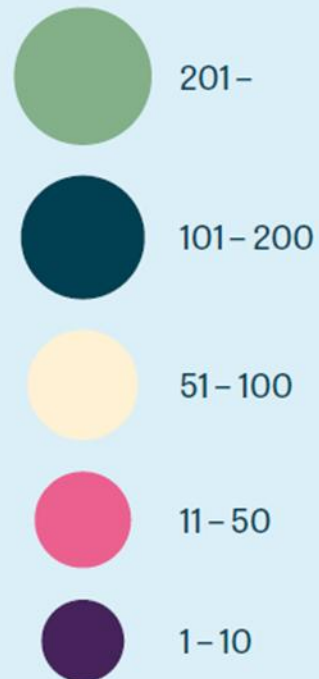
# Wind turbine suppliers – shares of capacity (MW) that came online in 2024



# Cumulative wind power capacity by region (MW) end of 2024



# Distribution of wind turbine generators by region 2024 (WTG)



Total  
1 835 WTG

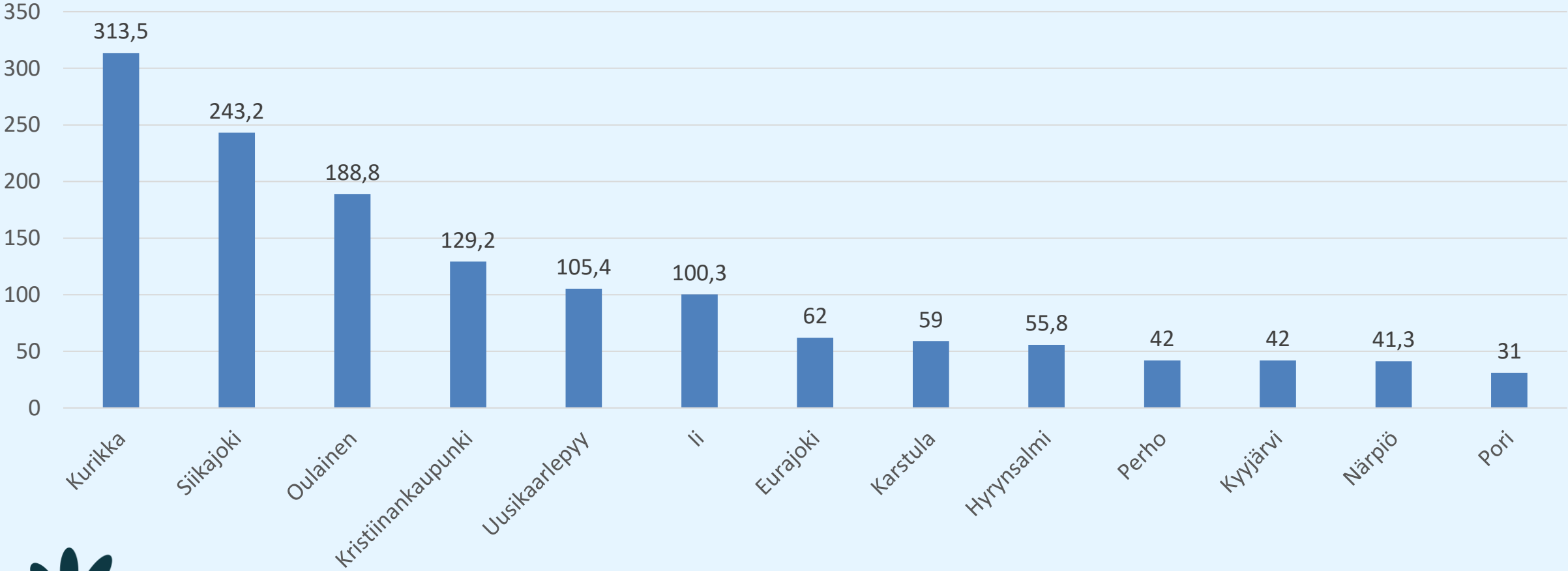
# Top 10 municipalities - cumulative capacity (MW) 31.12.2024



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# Installed capacity 2024–municipalities (MW)



# The construction will continue strong in Finland in 2025

The estimate for the 2025 is based on the investment decisions published prior to 31<sup>st</sup> of December 2024.

