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Wind power in Finland in 2024

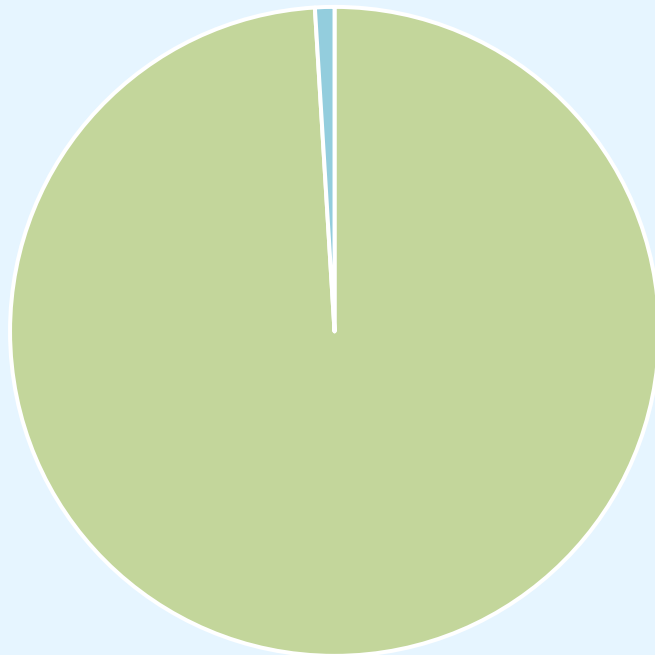
Annual statistics

Renewables Finland

3.1.2025

Summary 31.12.2024

Share of onshore and offshore cumulative capacity



■ Onshore 99 % ■ Offshore 1 %

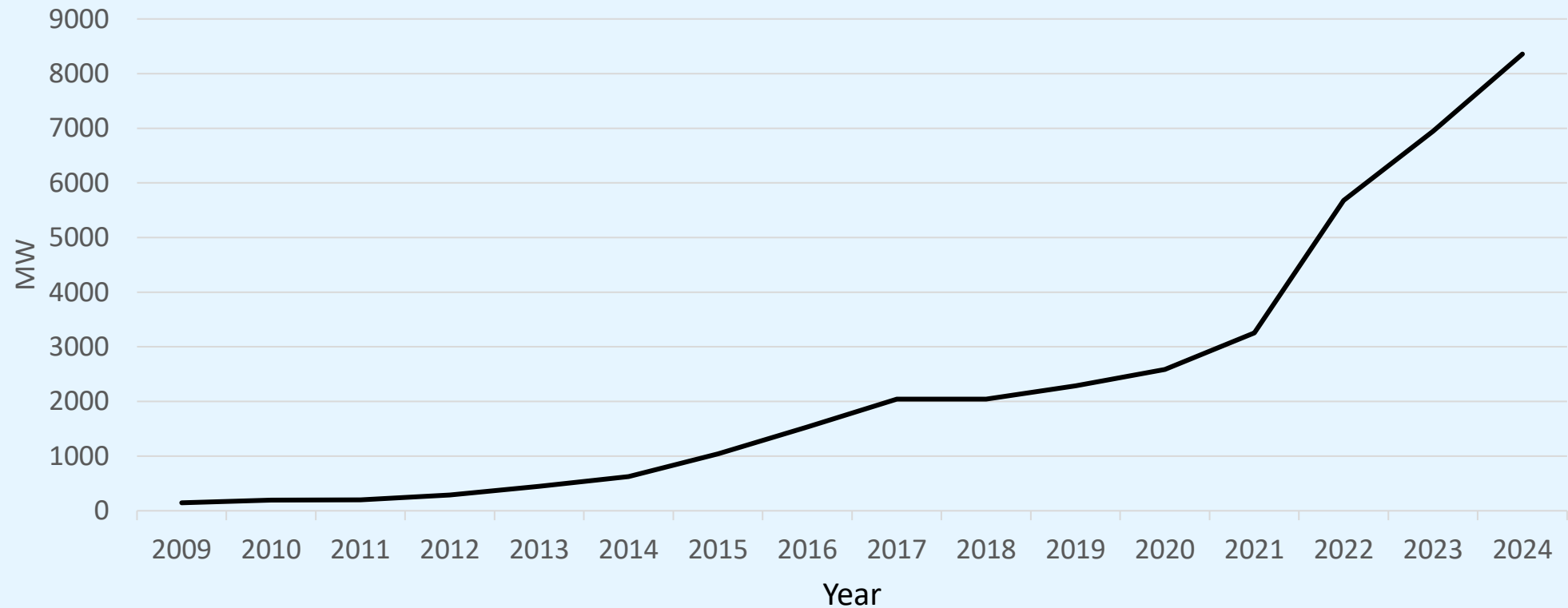


Installed wind power capacity

2024

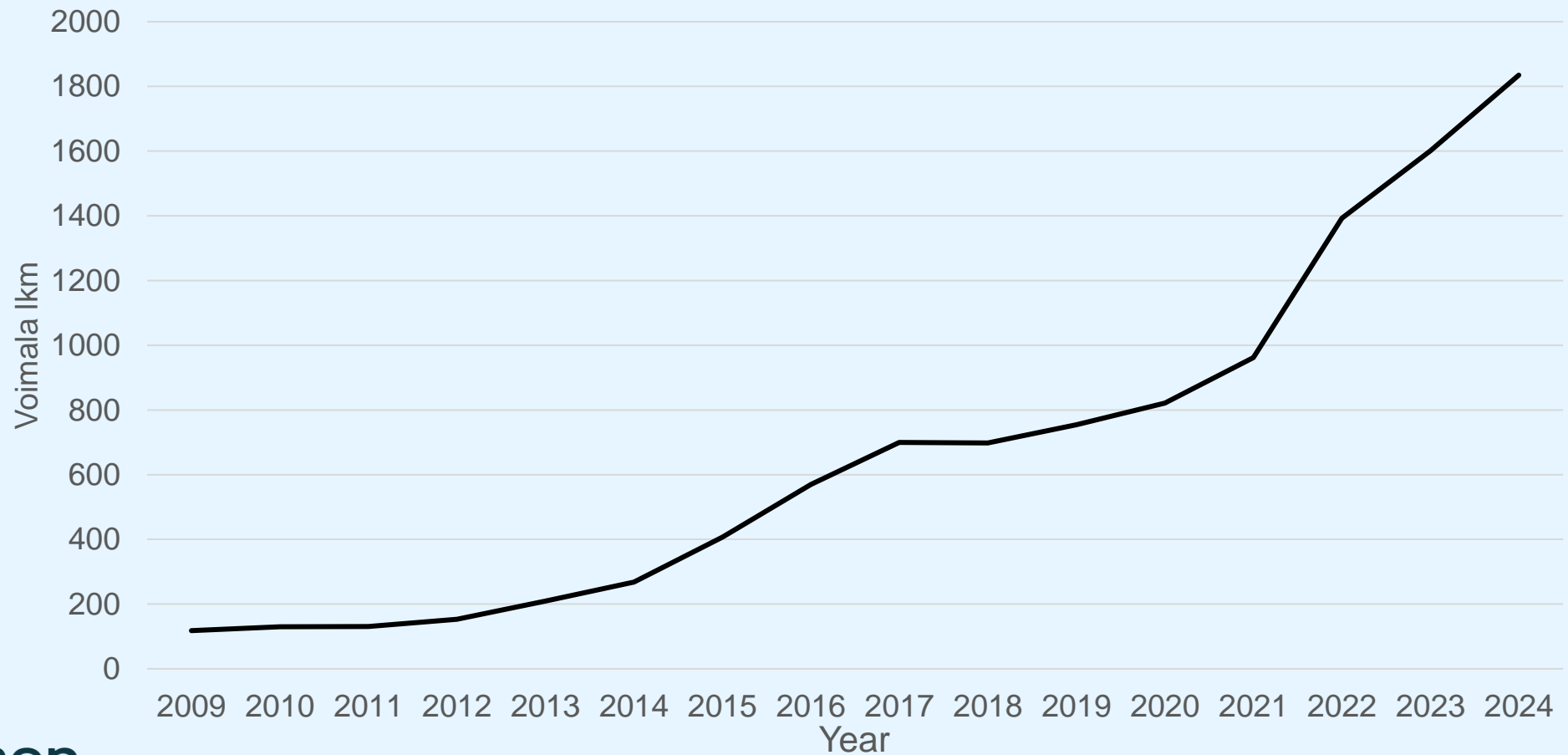
Installed wind turbines	235	WTG
Rated power of installed turbines	1 414	MW
Decommissioned turbines	0	WTG
Rated power of decommissioned turbines	0	MW
Cumulative number of installed turbines	1 835	WTG
Cumulative capacity (MW)	8 358	MW

Installed cumulative capacity (MW) 2009 -2024



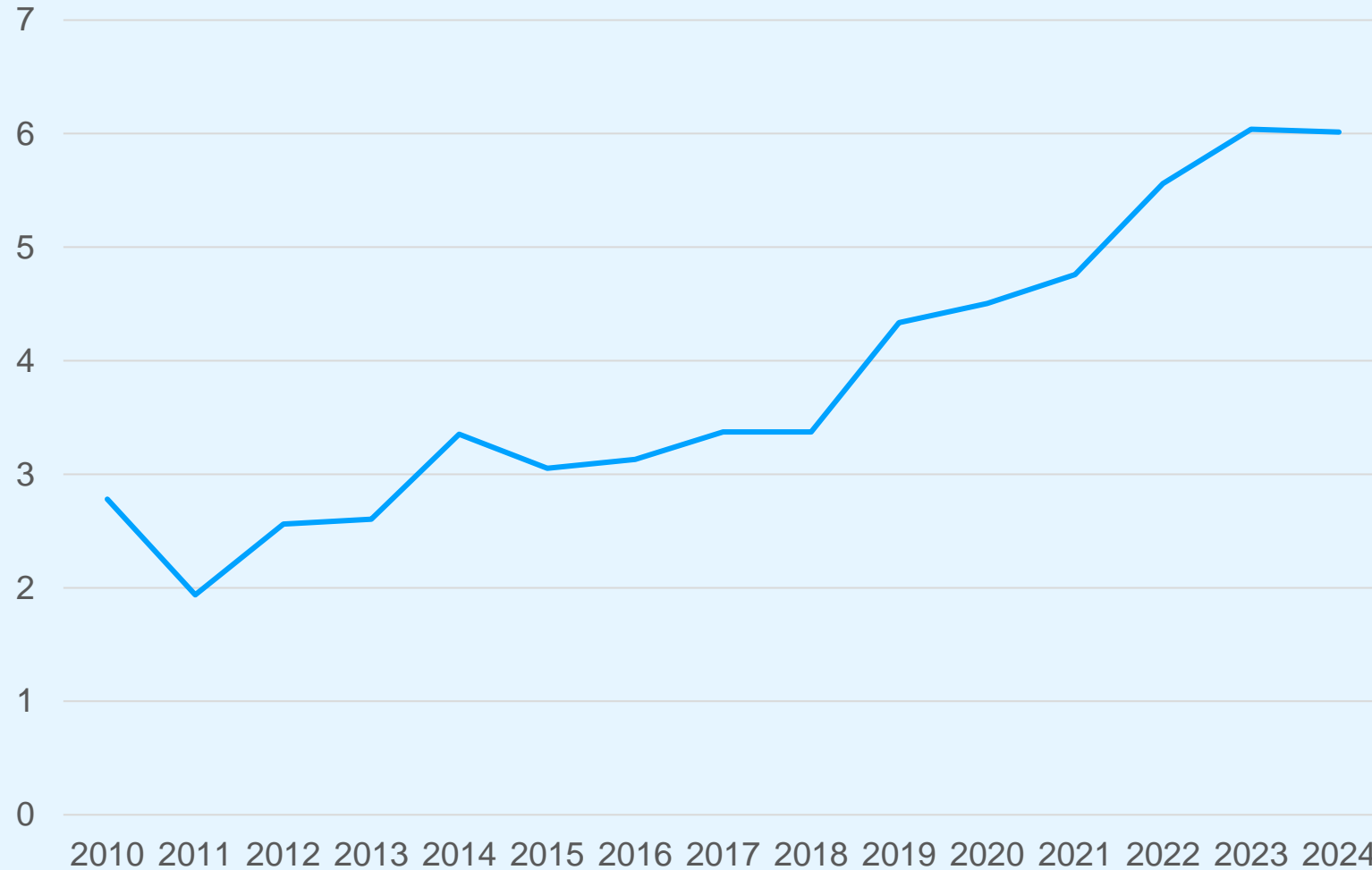
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Cumulative number of installed wind turbines 2009 – 2024



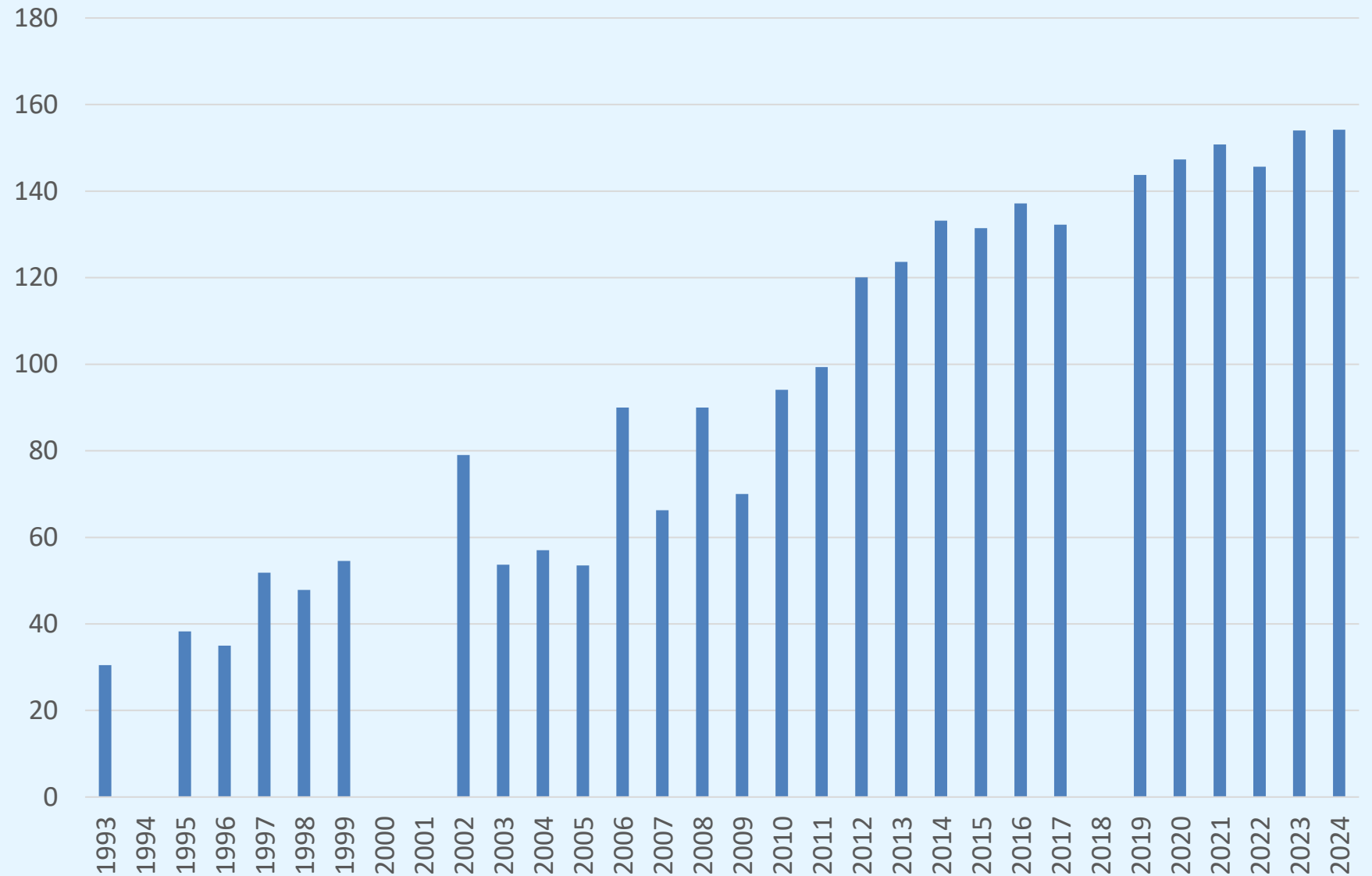
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The average capacity of installed wind turbines (MW)



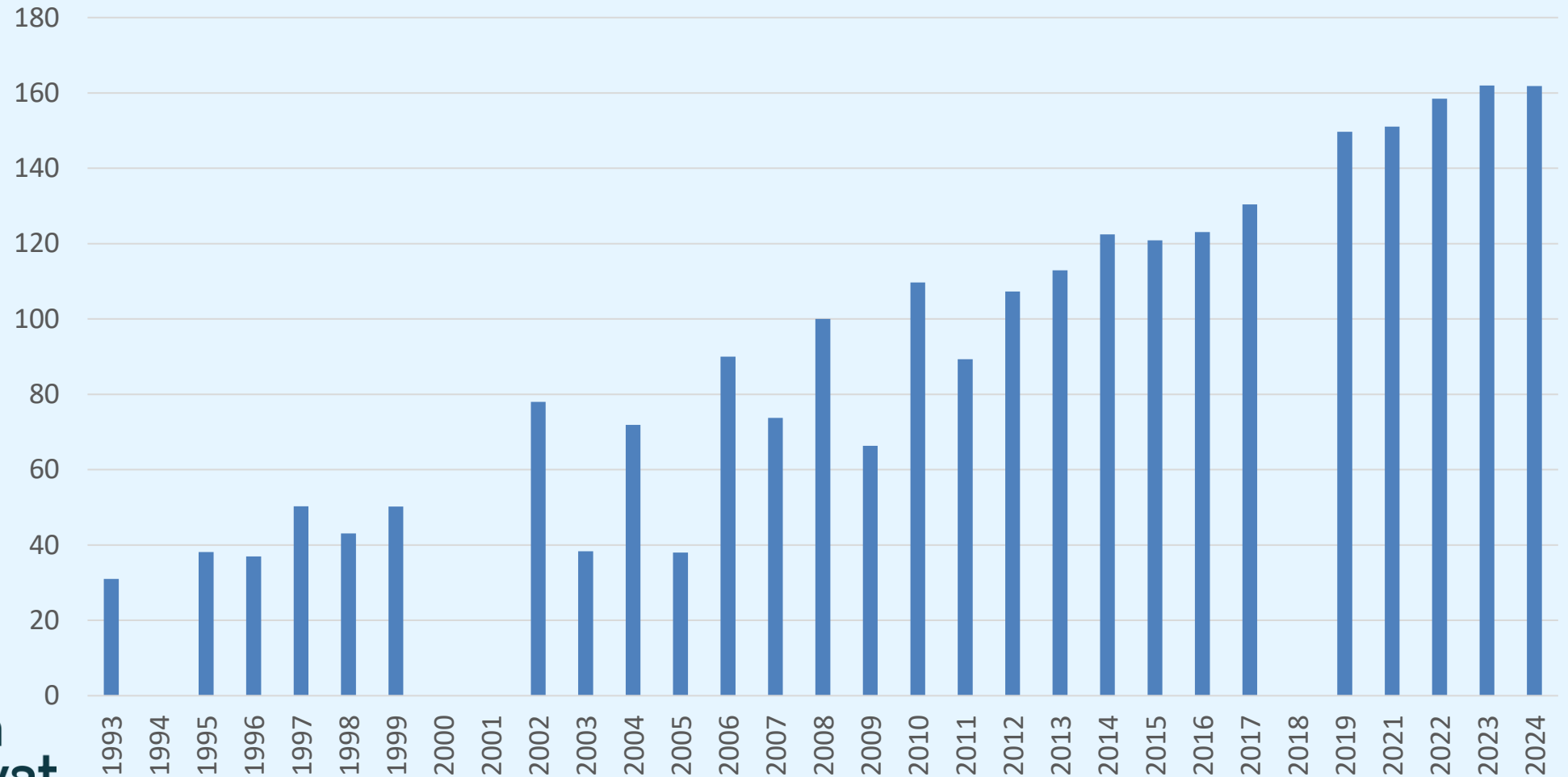
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Average hub height of installed turbines (m))



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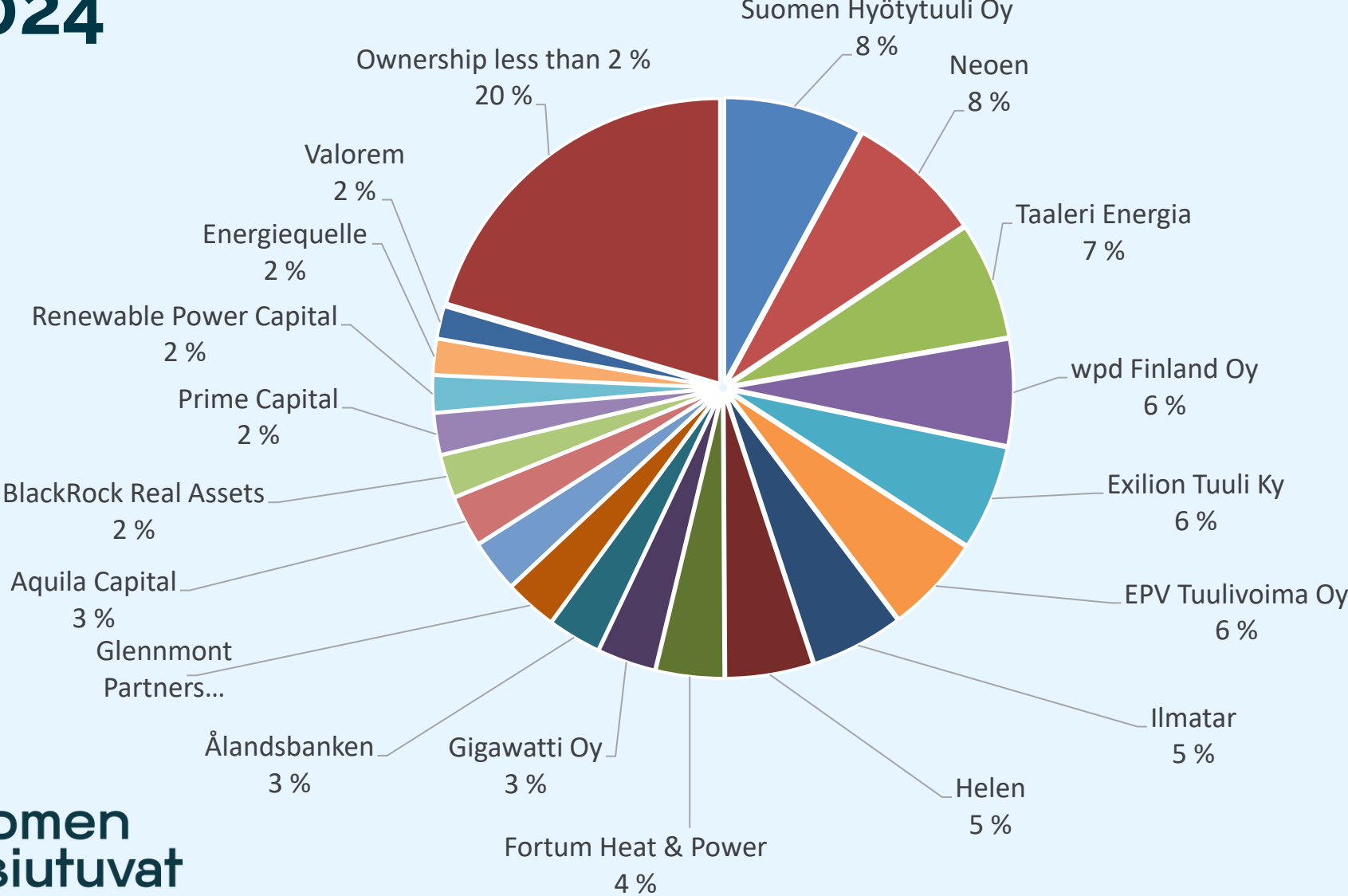
Average rotor diameter length (m) of installed turbines



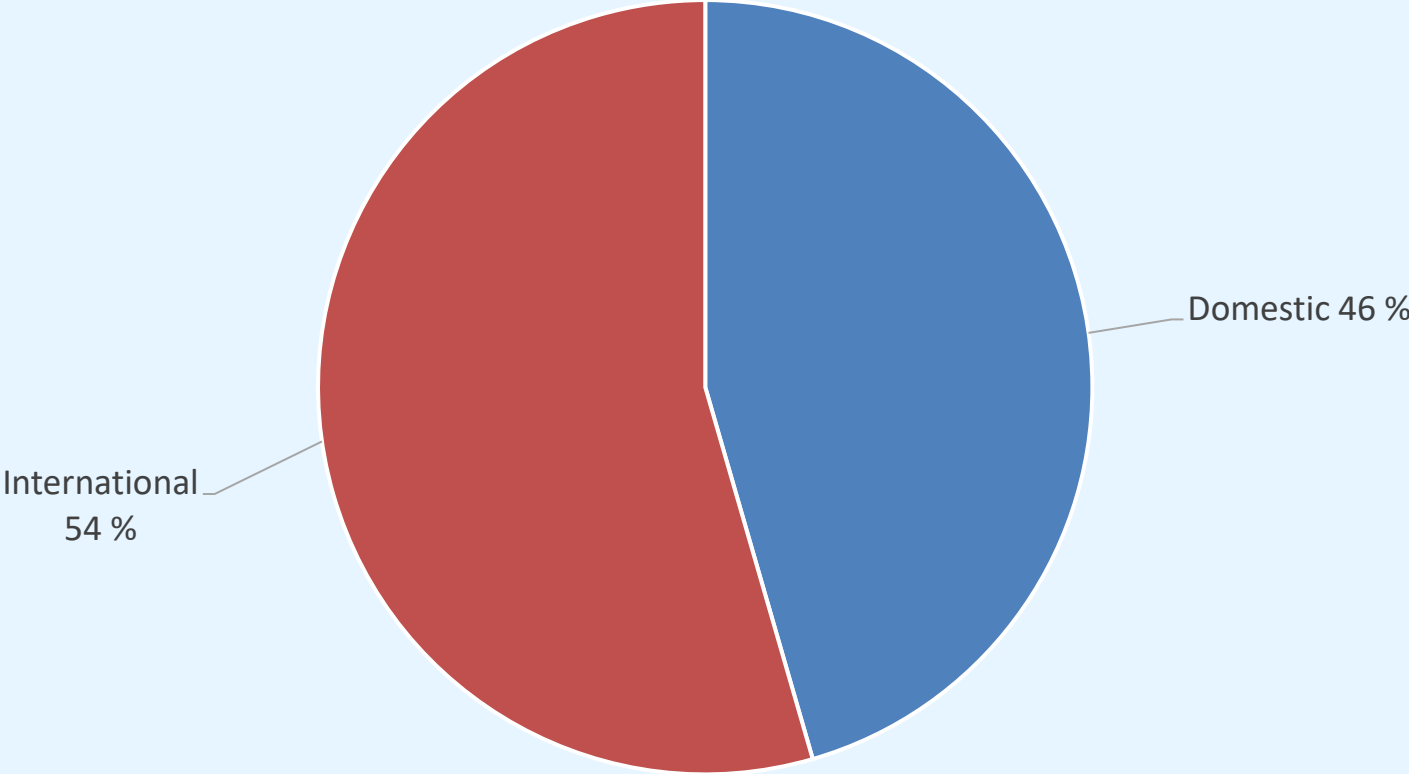
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Owners – shares of cumulative capacity (MW)

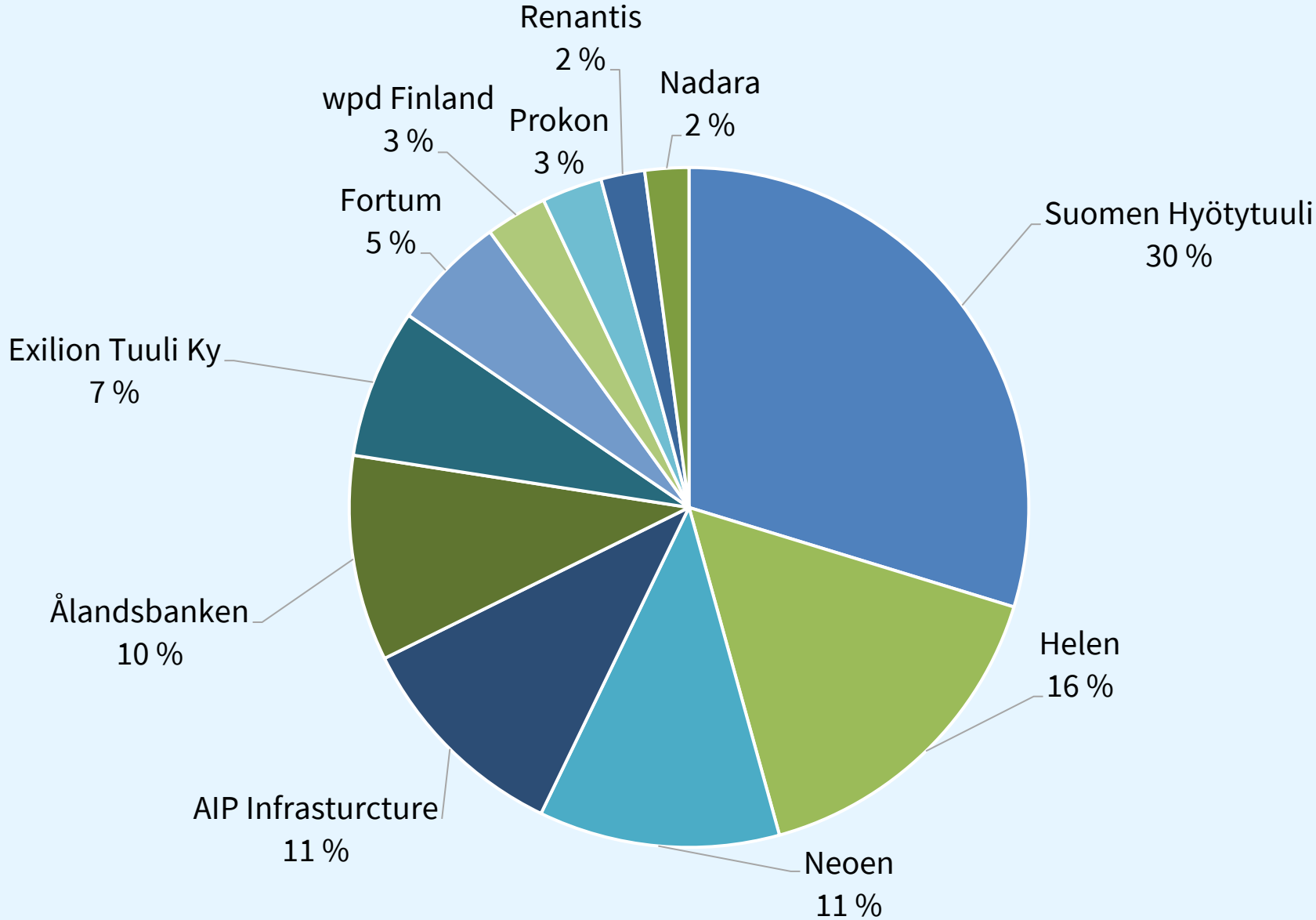
31.12.2024



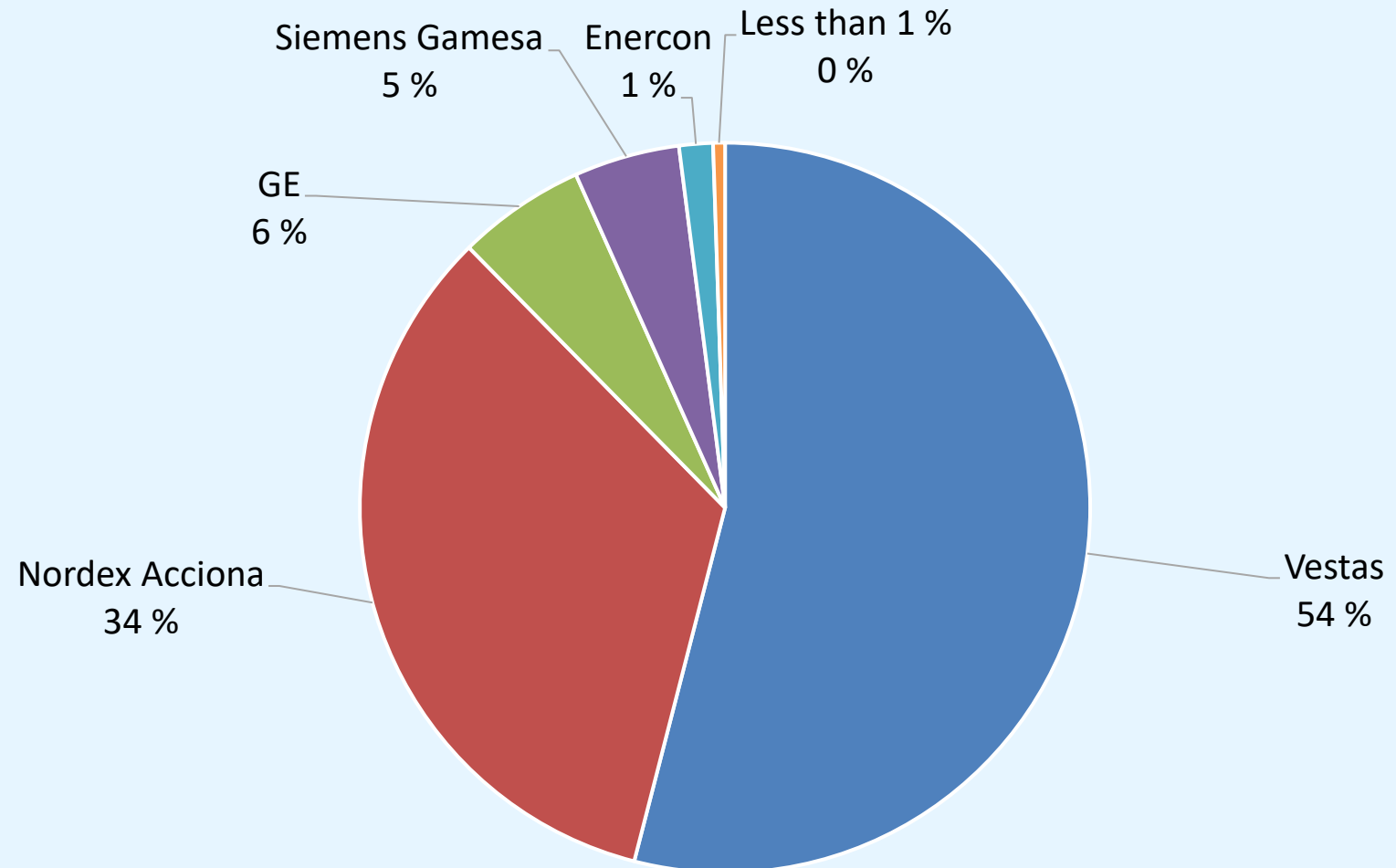
Shares of domestic and foreign owners 2024 – cumulative capacity



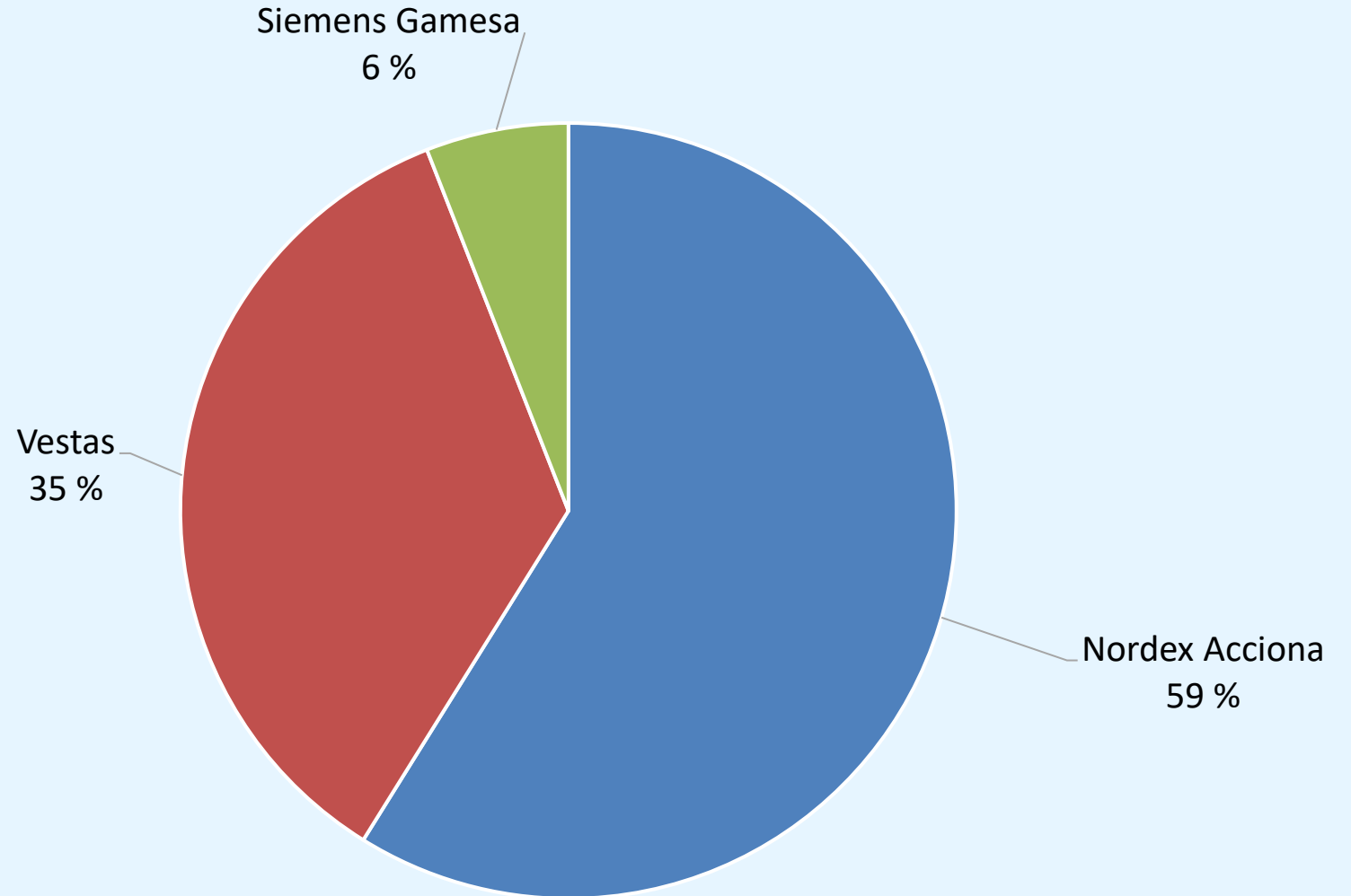
Owners – shares of capacity installed in 2024



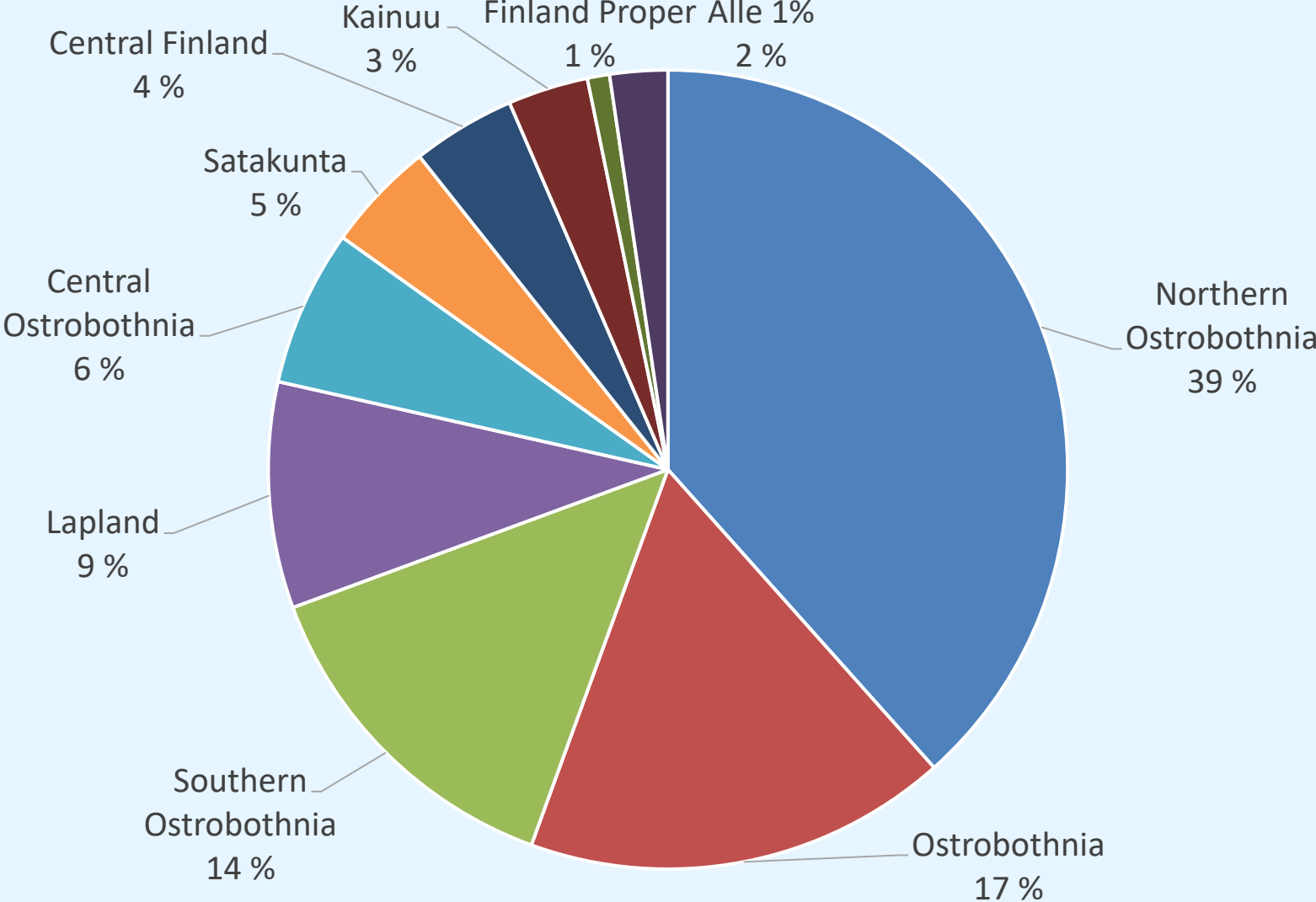
Wind turbine suppliers – shares of cumulative capacity (MW) 31.12.2024



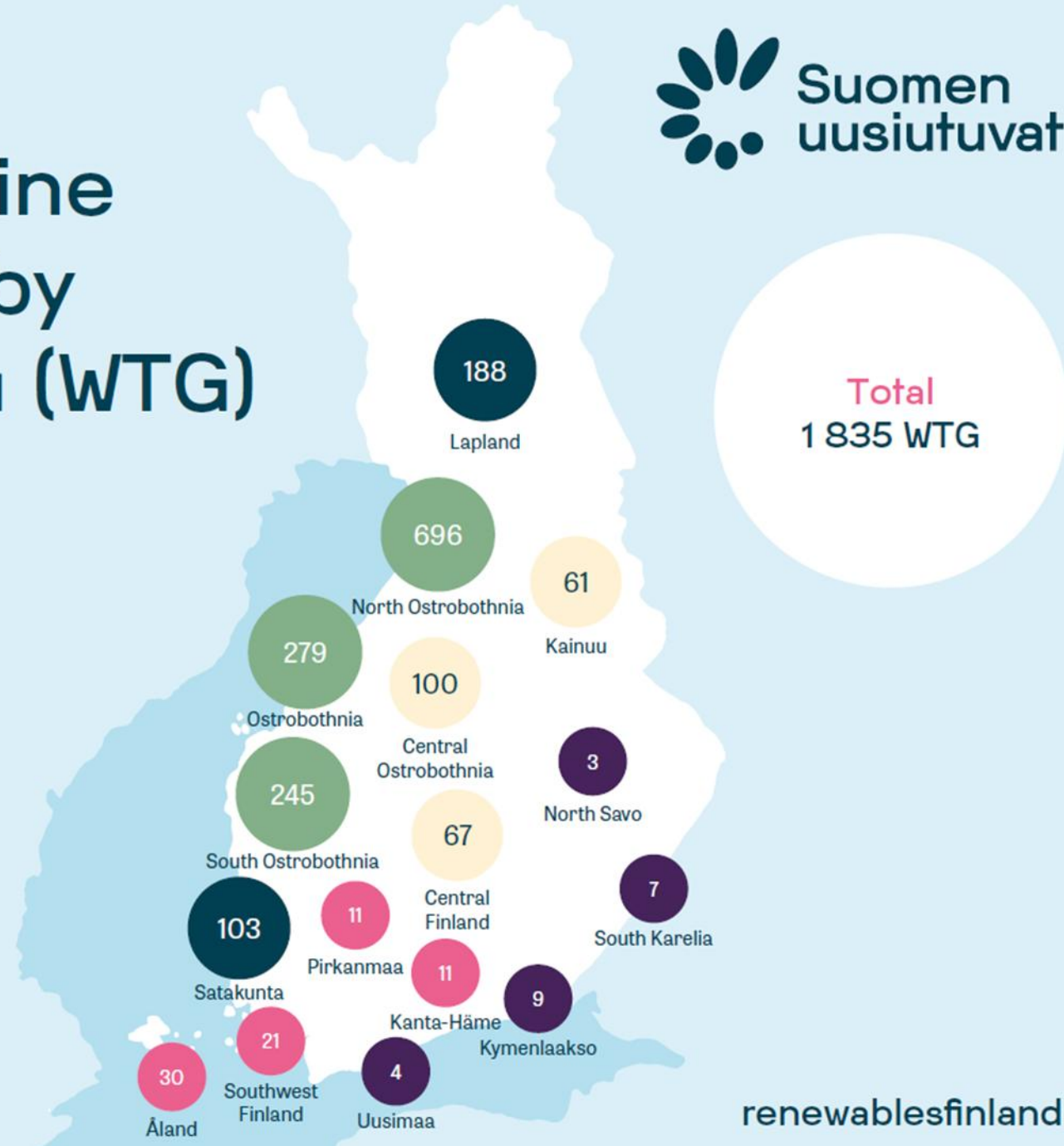
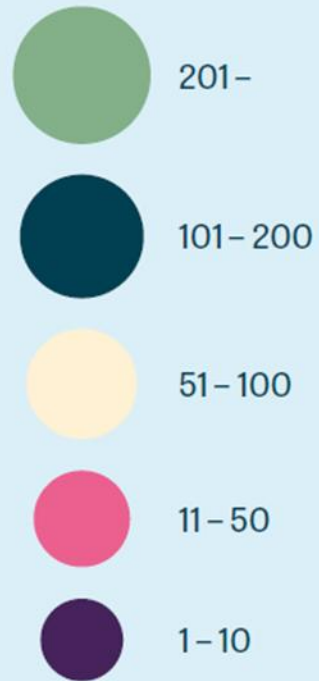
Wind turbine suppliers – shares of capacity (MW) that came online in 2024



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



Distribution of wind turbine generators by region 2024 (WTG)

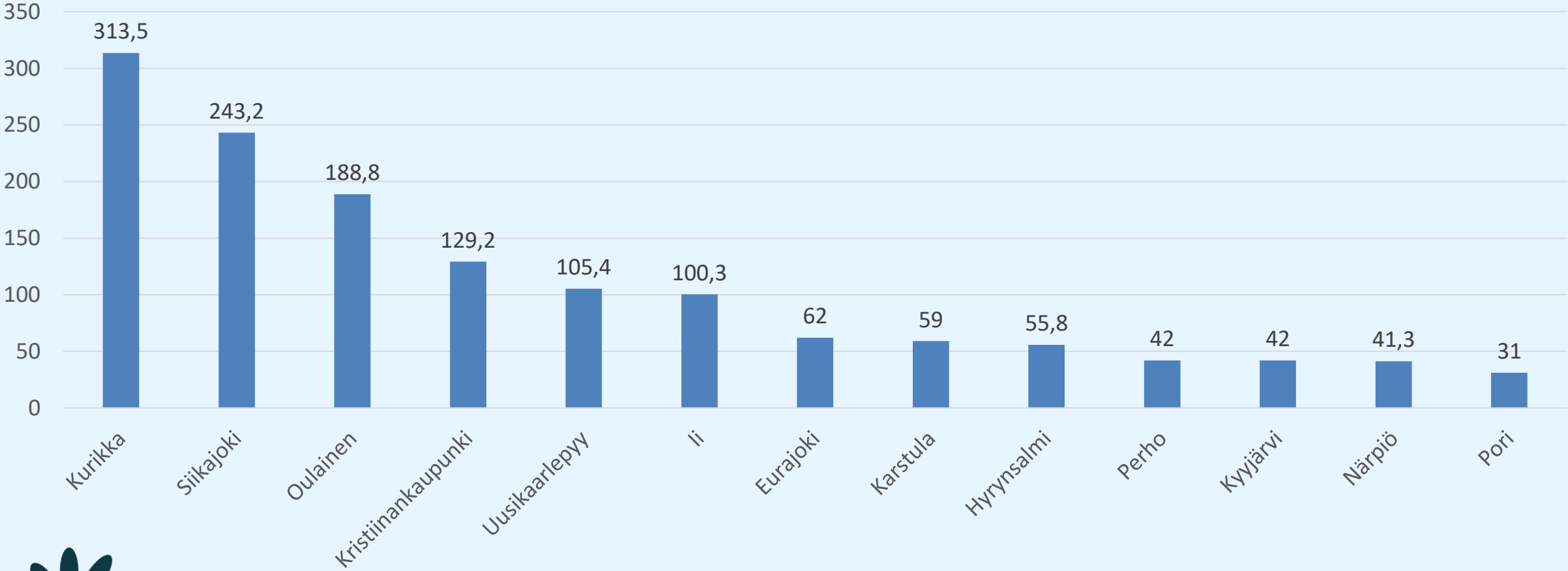


Top 10 municipalities - cumulative capacity (MW) 31.12.2024



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Installed capacity 2024–municipalities (MW)



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The construction will continue strong in Finland in 2025

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

