

Wind power in the first half of 2024 in Finland

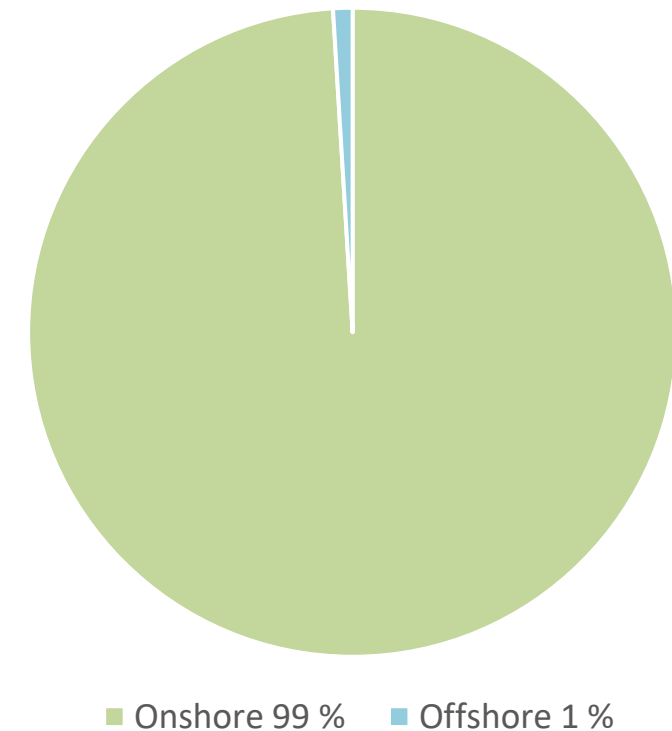
Finnish Wind Power Association

30.6.2024

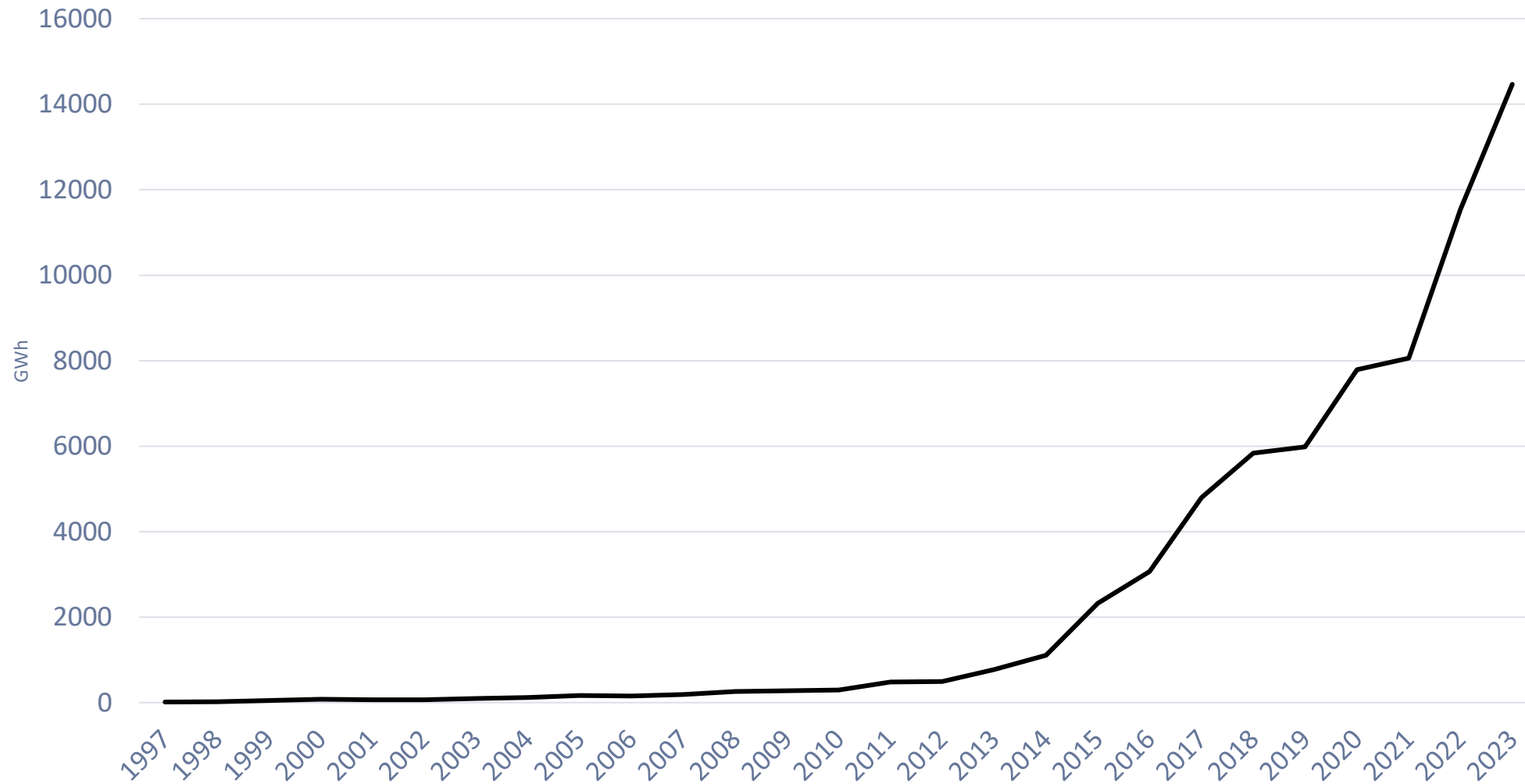
Summary

Installed wind power capacity		
30.6.2024		
Installed wind turbines	60	WTG
Rated power of installed turbines	377	MW
Decommissioned turbines	0	WTG
Rated power of decommissioned turbines	0	MW
Cumulative number of installed turbines	1 660	WTG
Cumulative capacity (MW)	7 322	MW

Share of onshore and offshore cumulative capacity



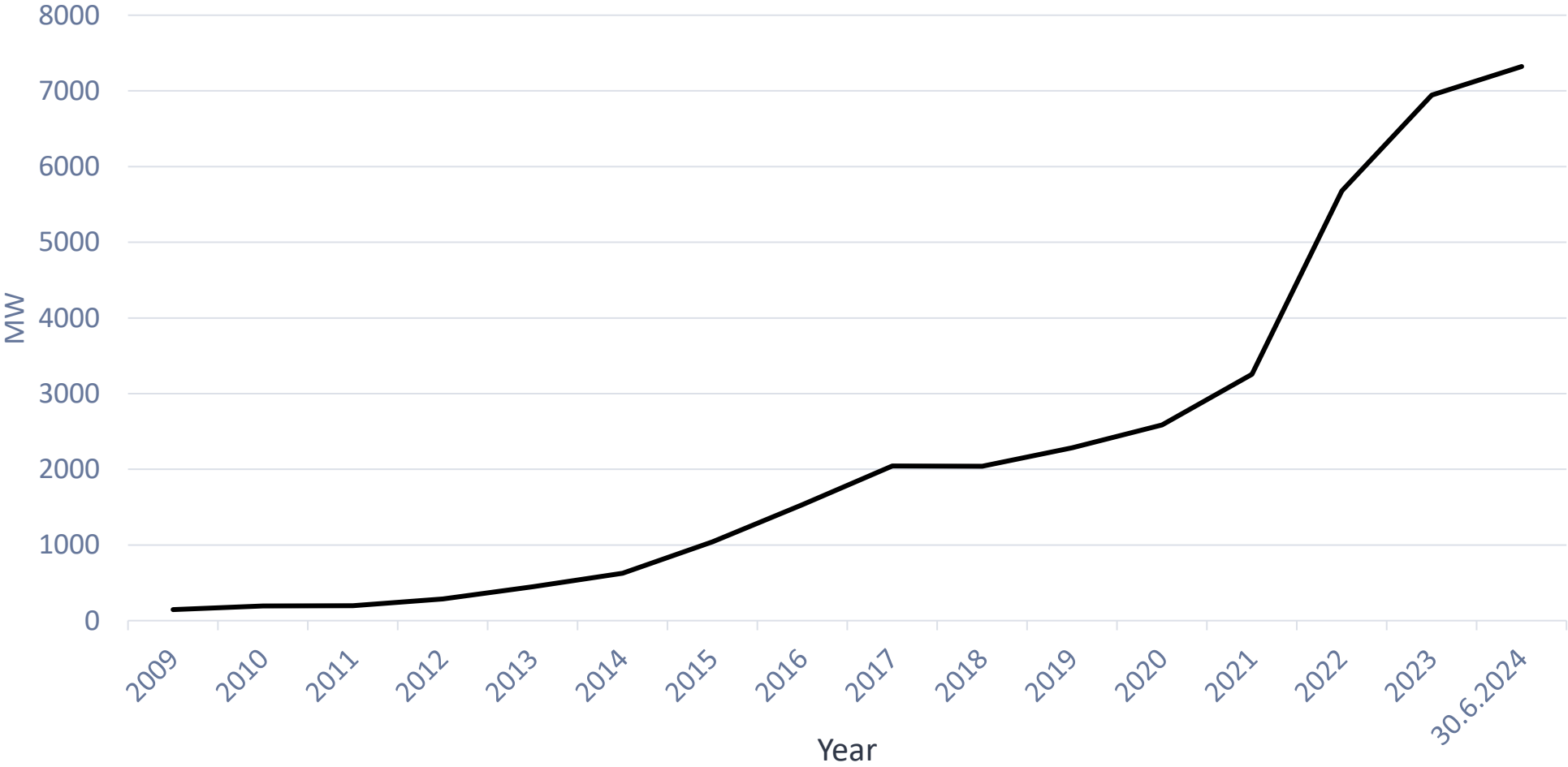
Annual Wind Power Production (GWh)



Installed cumulative capacity (MW) 2009 - 30.6.2024



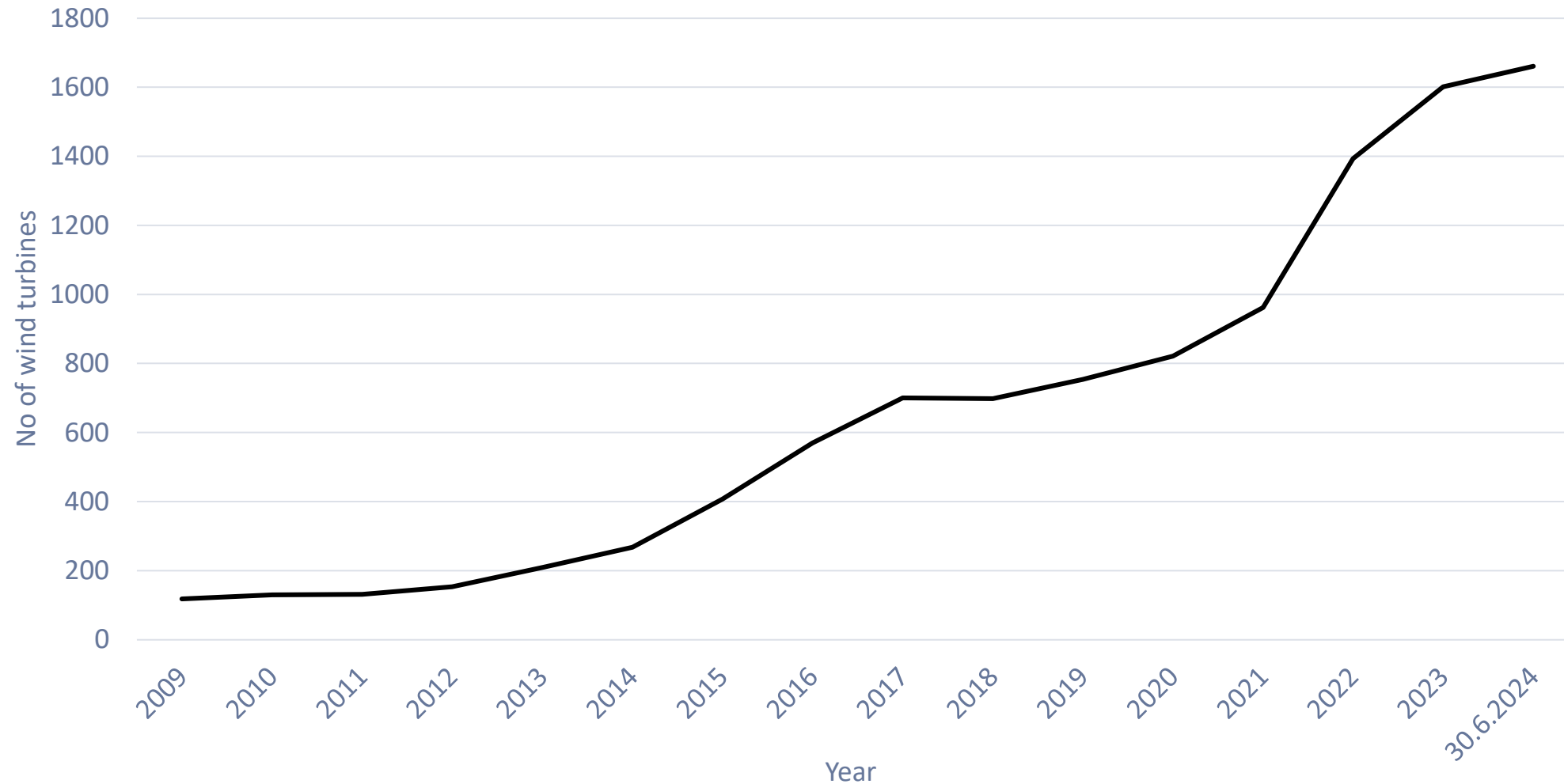
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Cumulative number of installed wind turbines 2009-30.6.2024



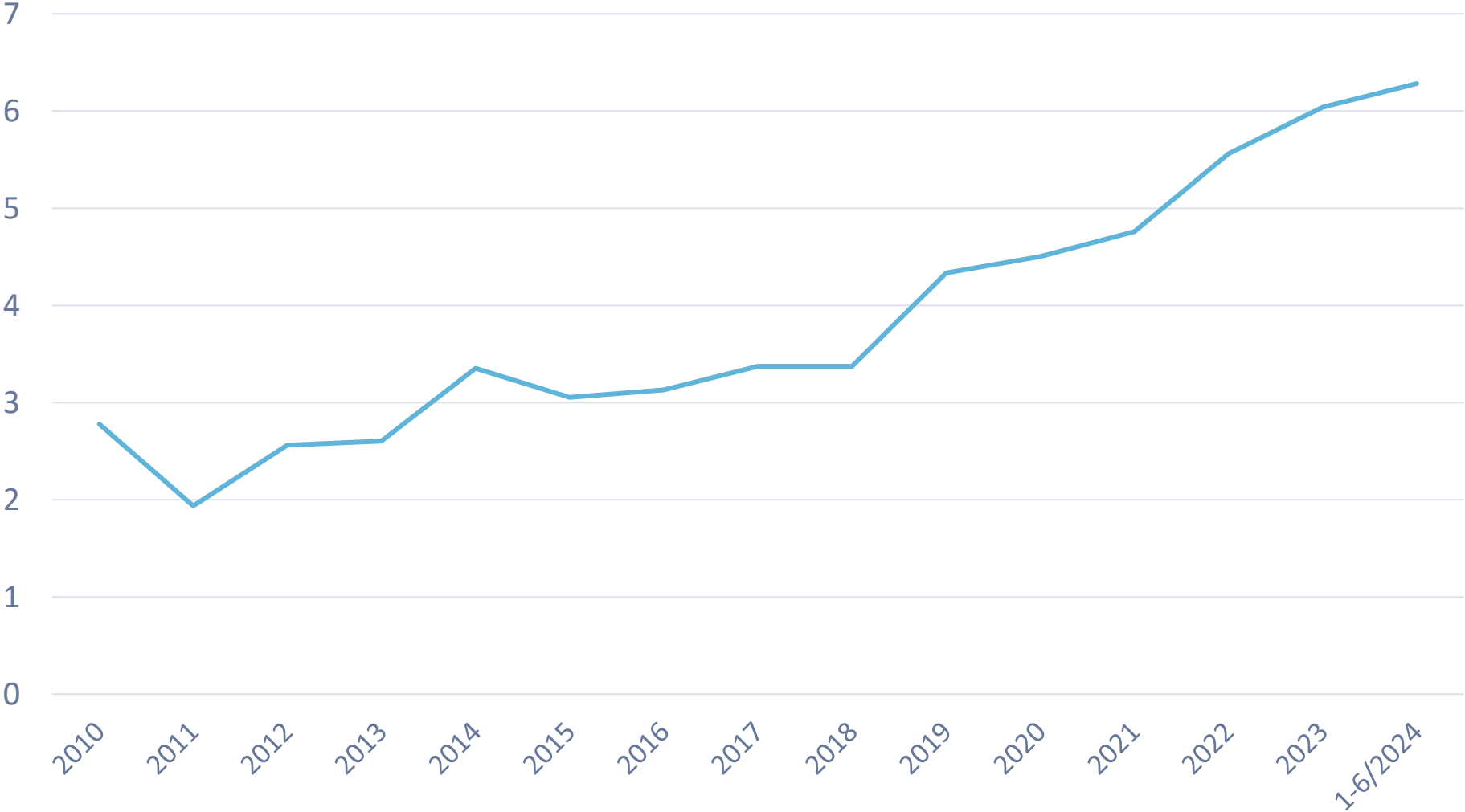
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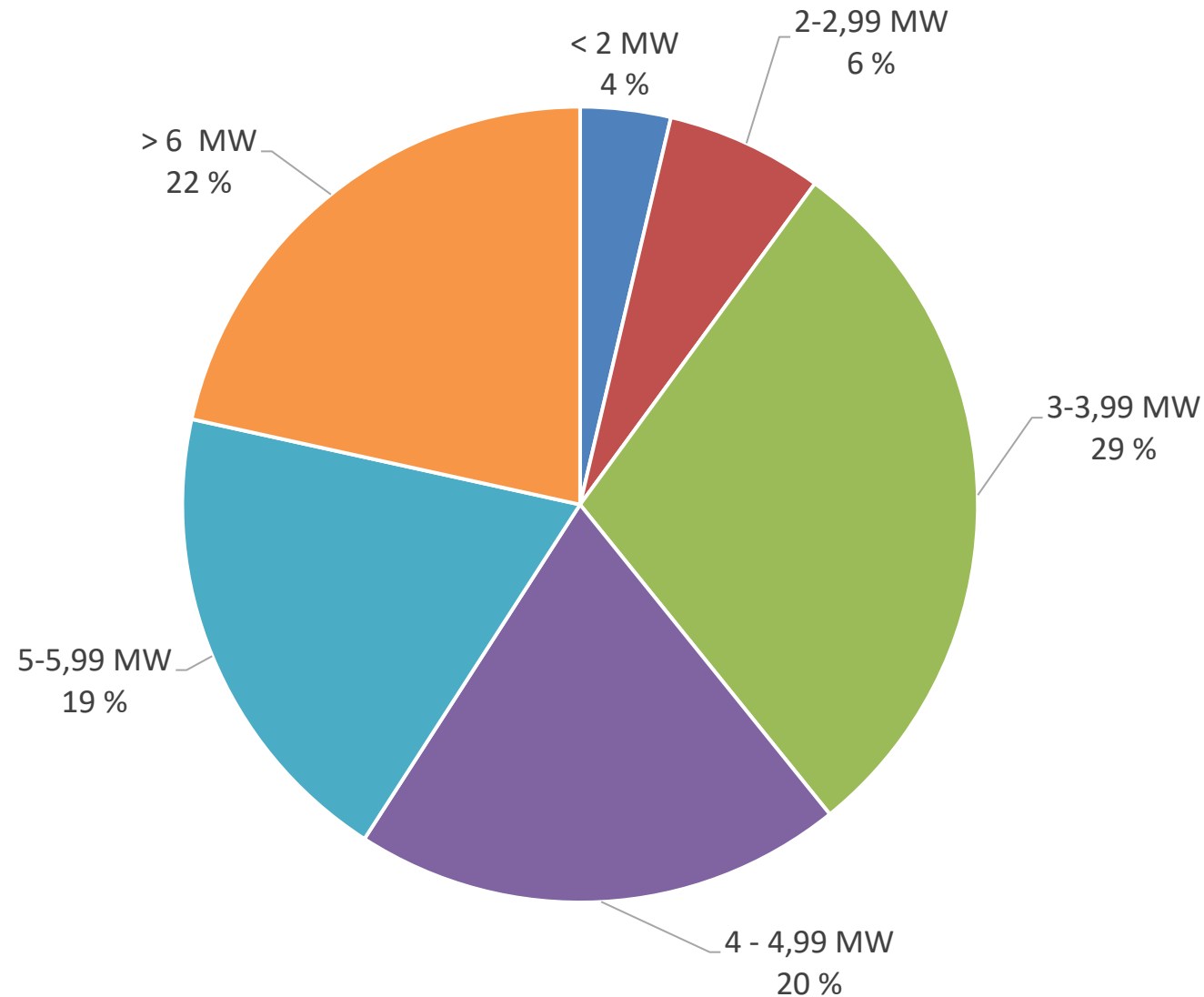
The average capacity of installed wind turbines (MW)



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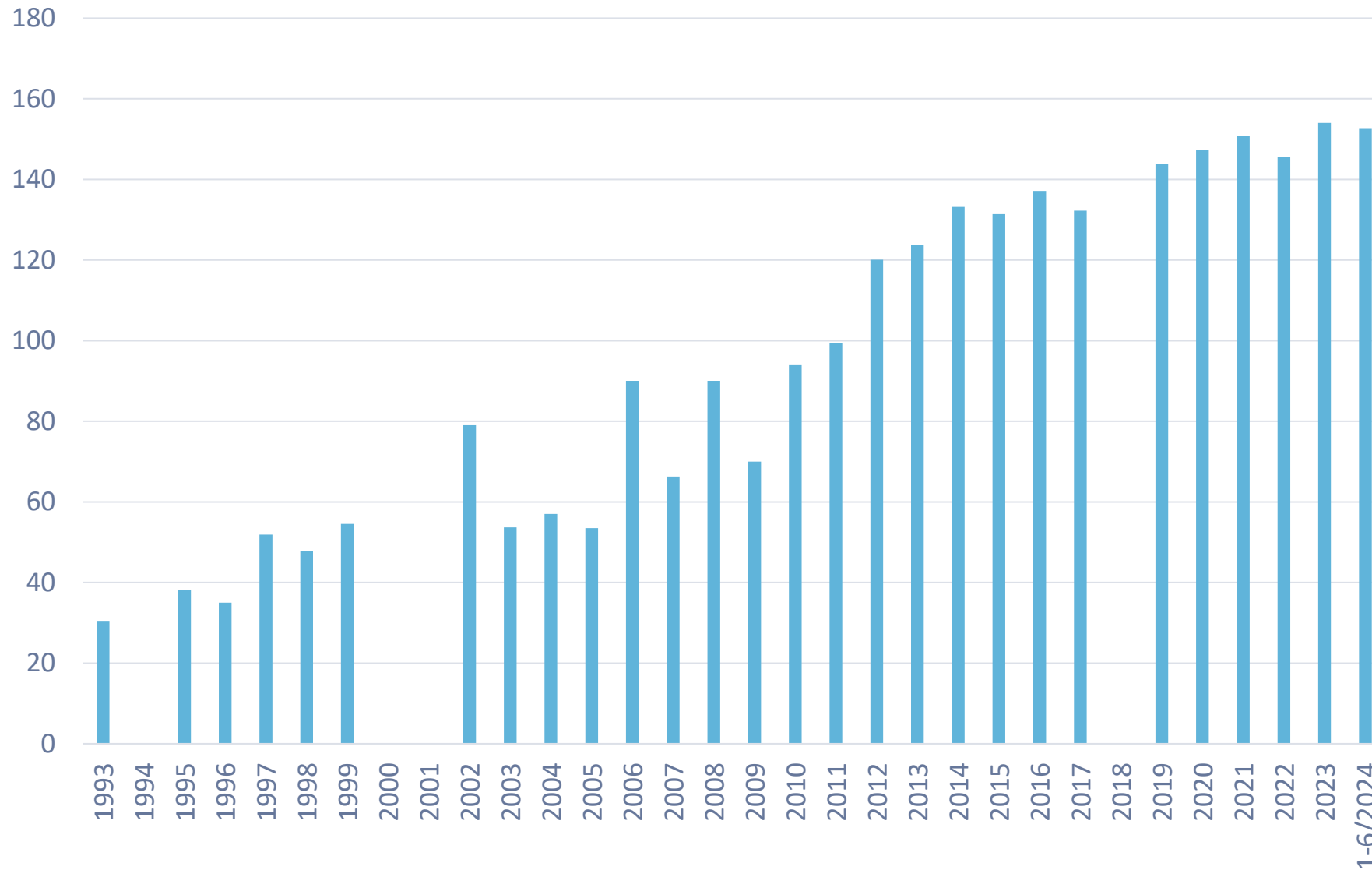
Shares of different wind turbine capacities –cumulative capacity (number of turbines)



Average hub height of installed turbines (m)



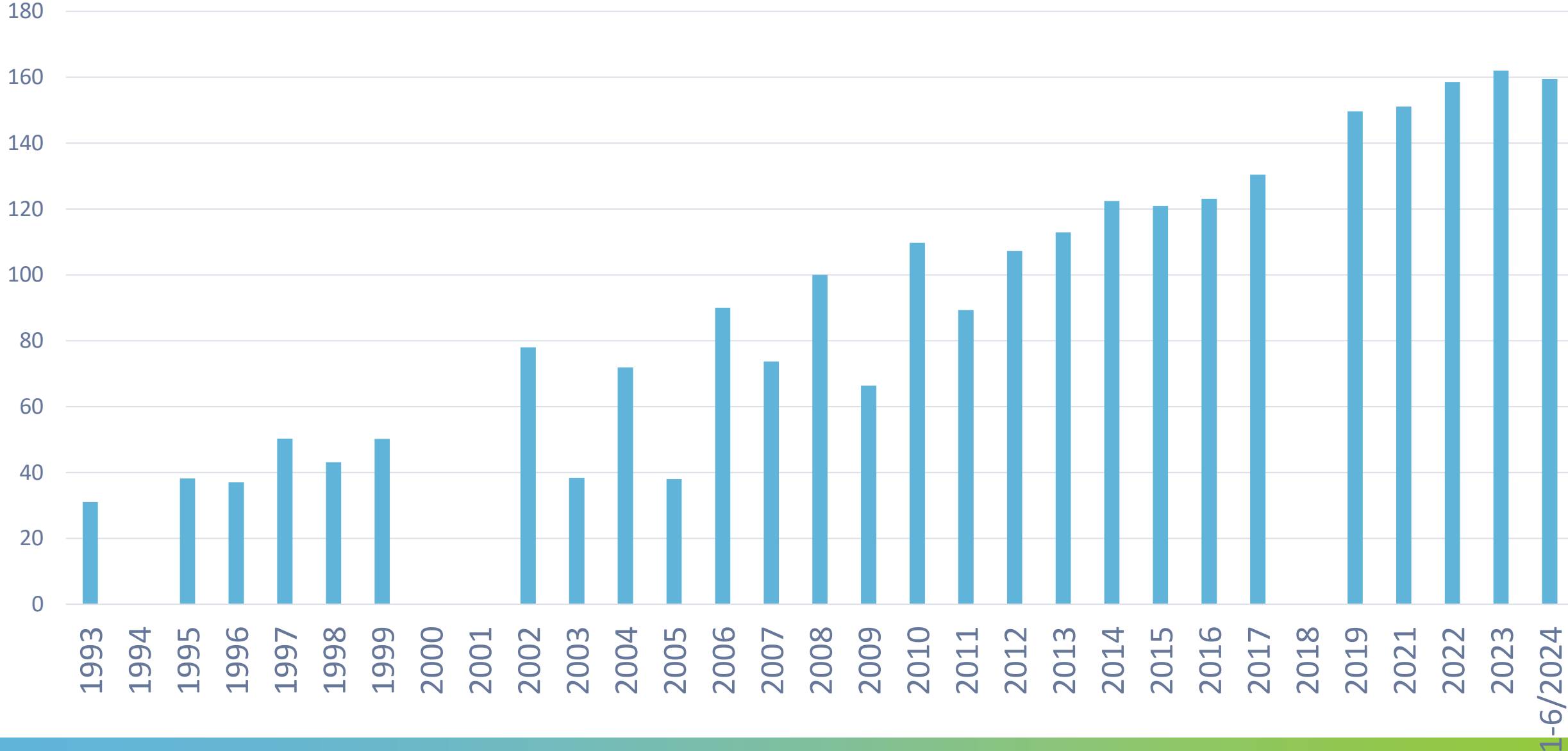
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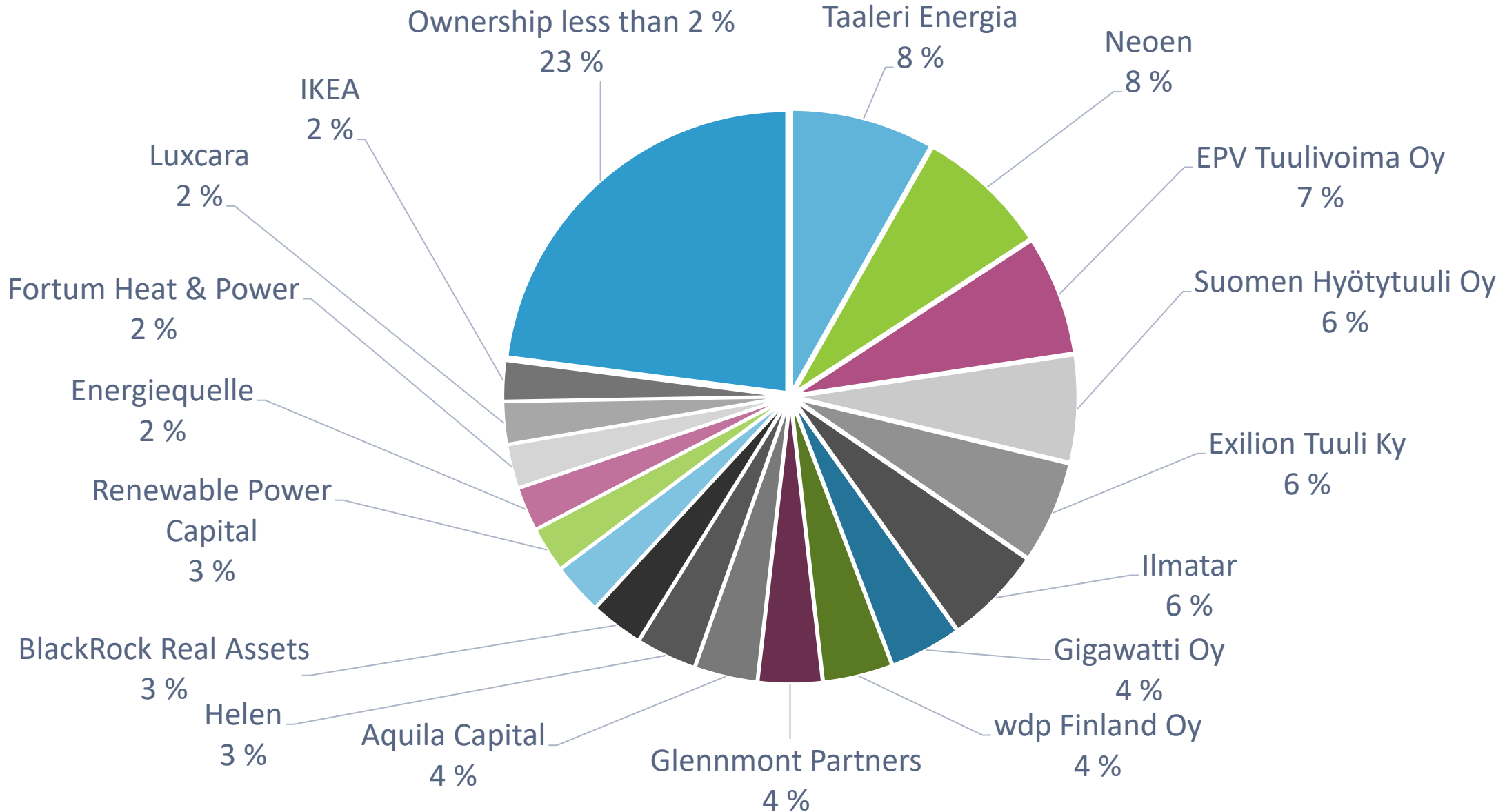
Average rotor diameter length (m) of installed turbines



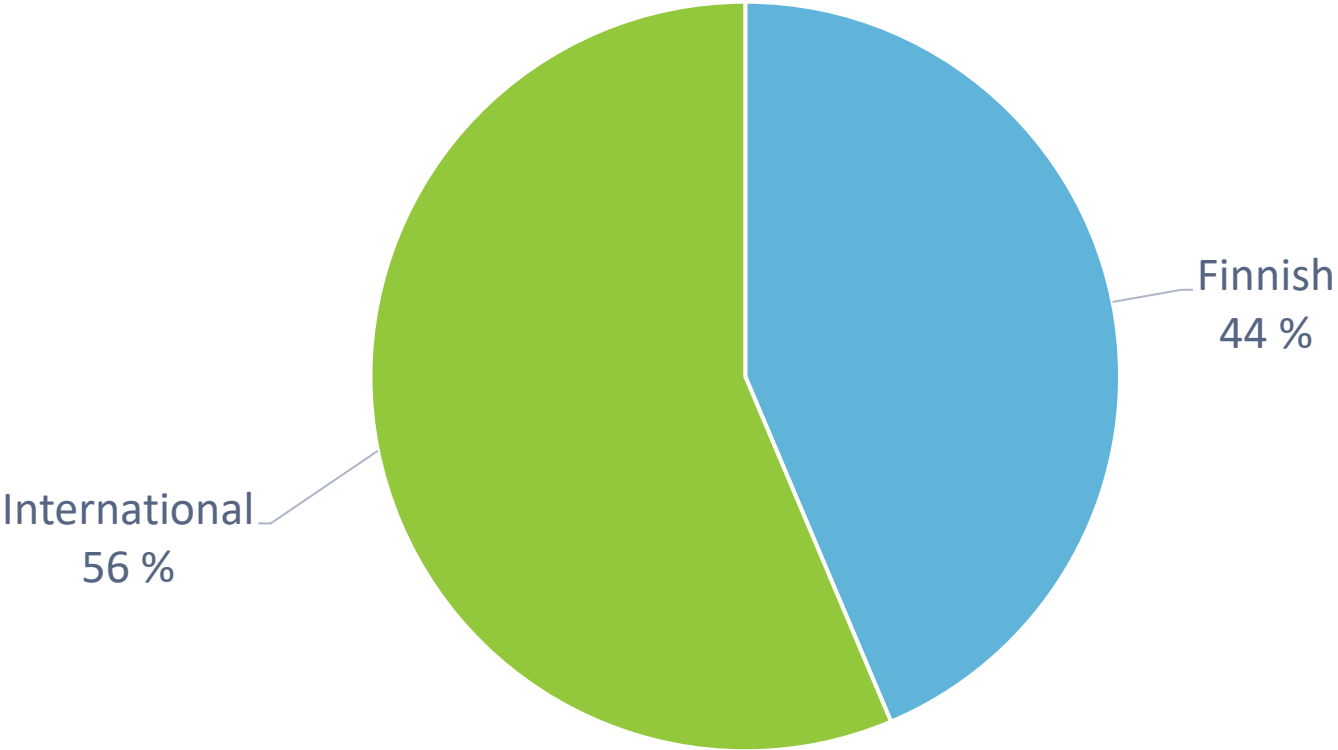
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Owners – shares of cumulative capacity (MW) on 30th of June 2024



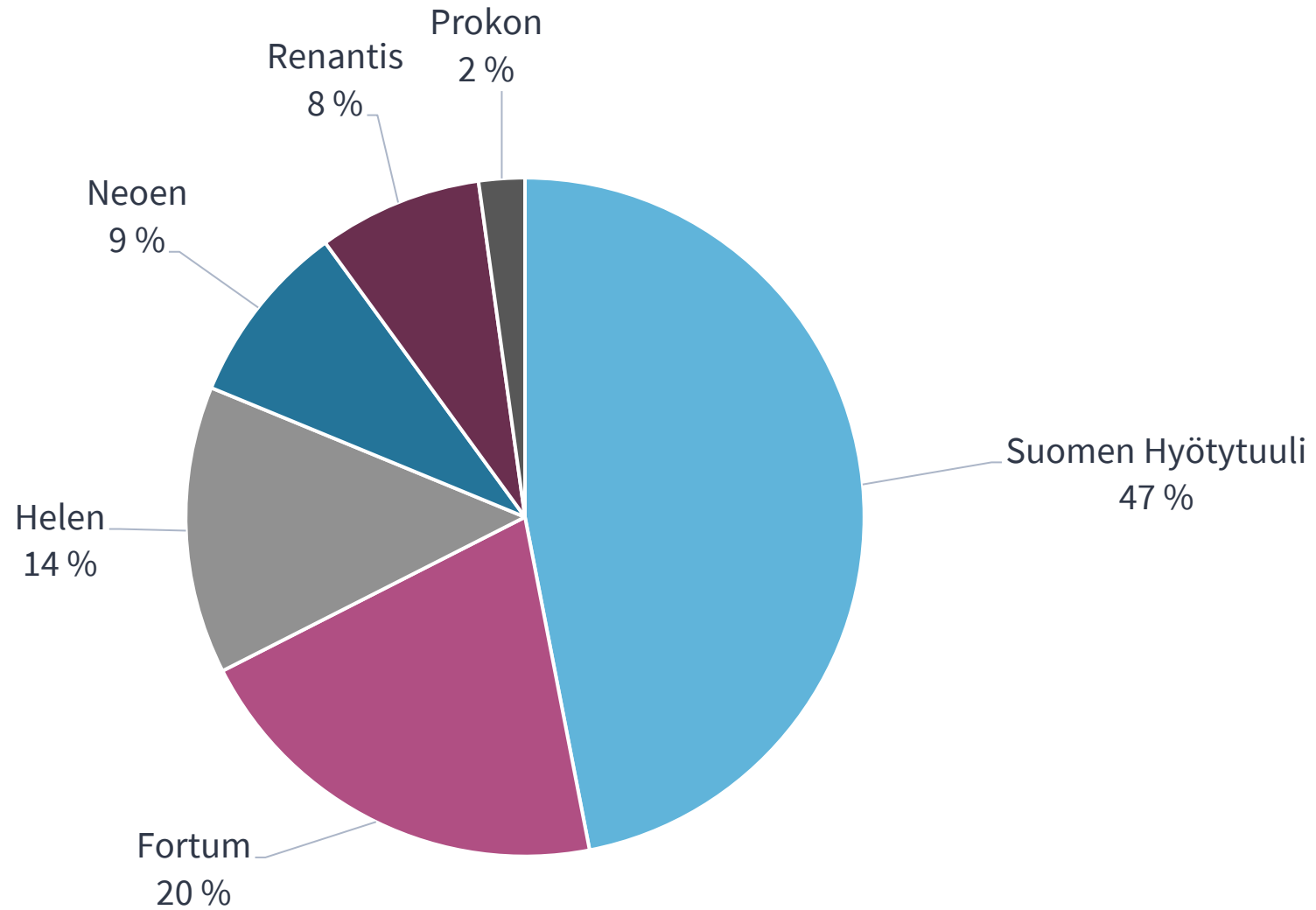
Shares of domestic and foreign owners 30th of June 2024 – cumulative capacity



Owners – shares of capacity installed between January and June 2024 (MW)



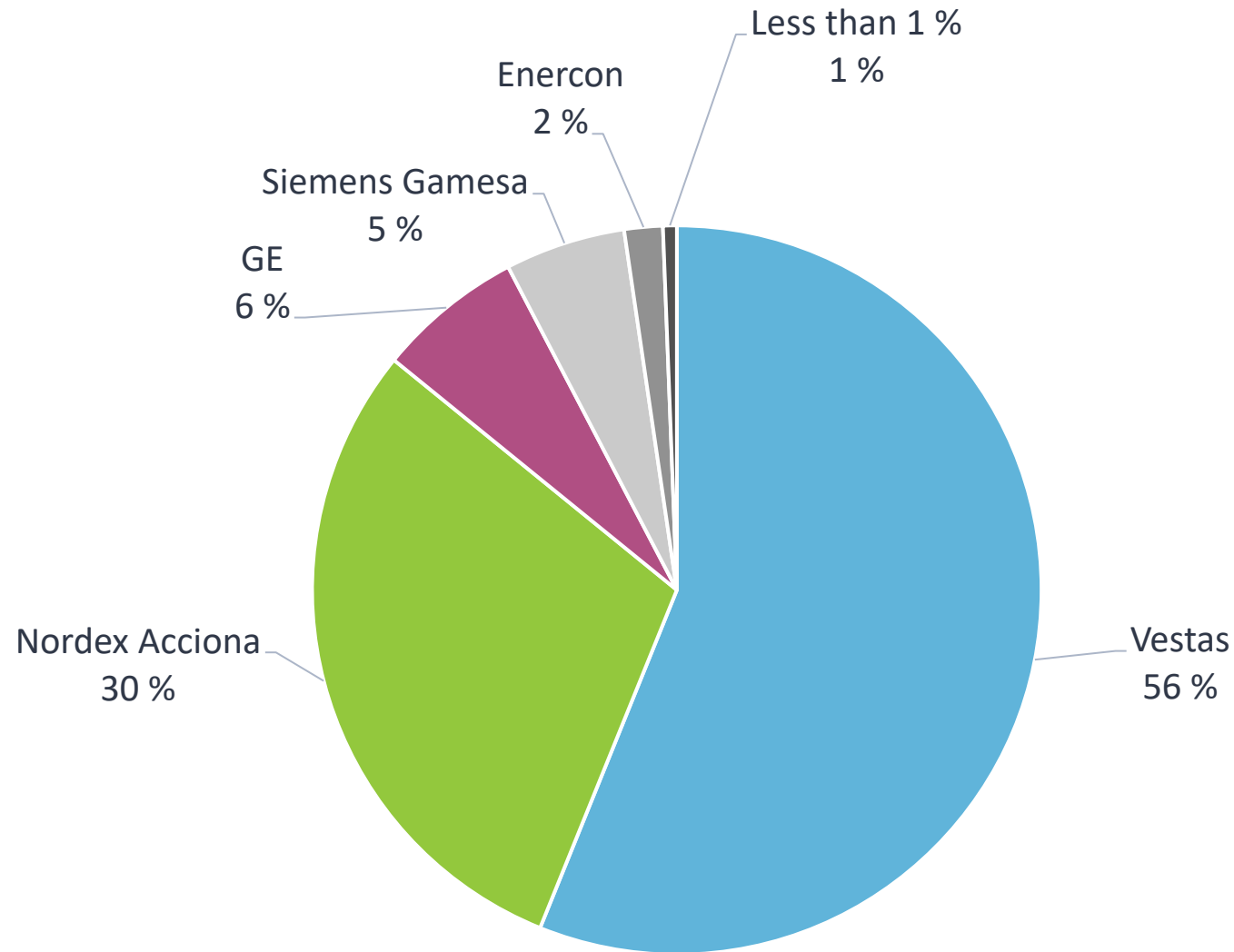
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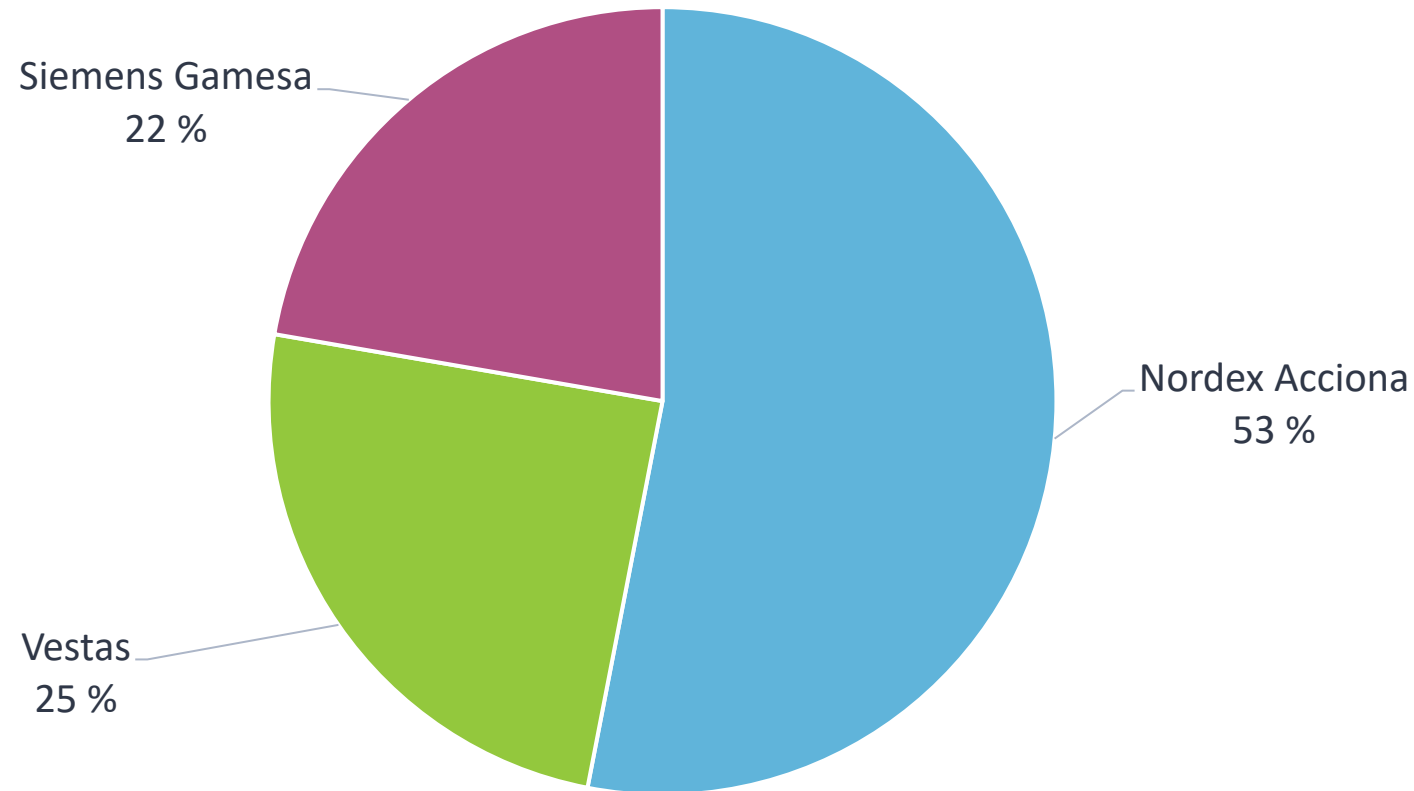
Wind turbine suppliers – shares of cumulative capacity (MW) 30.6.2024



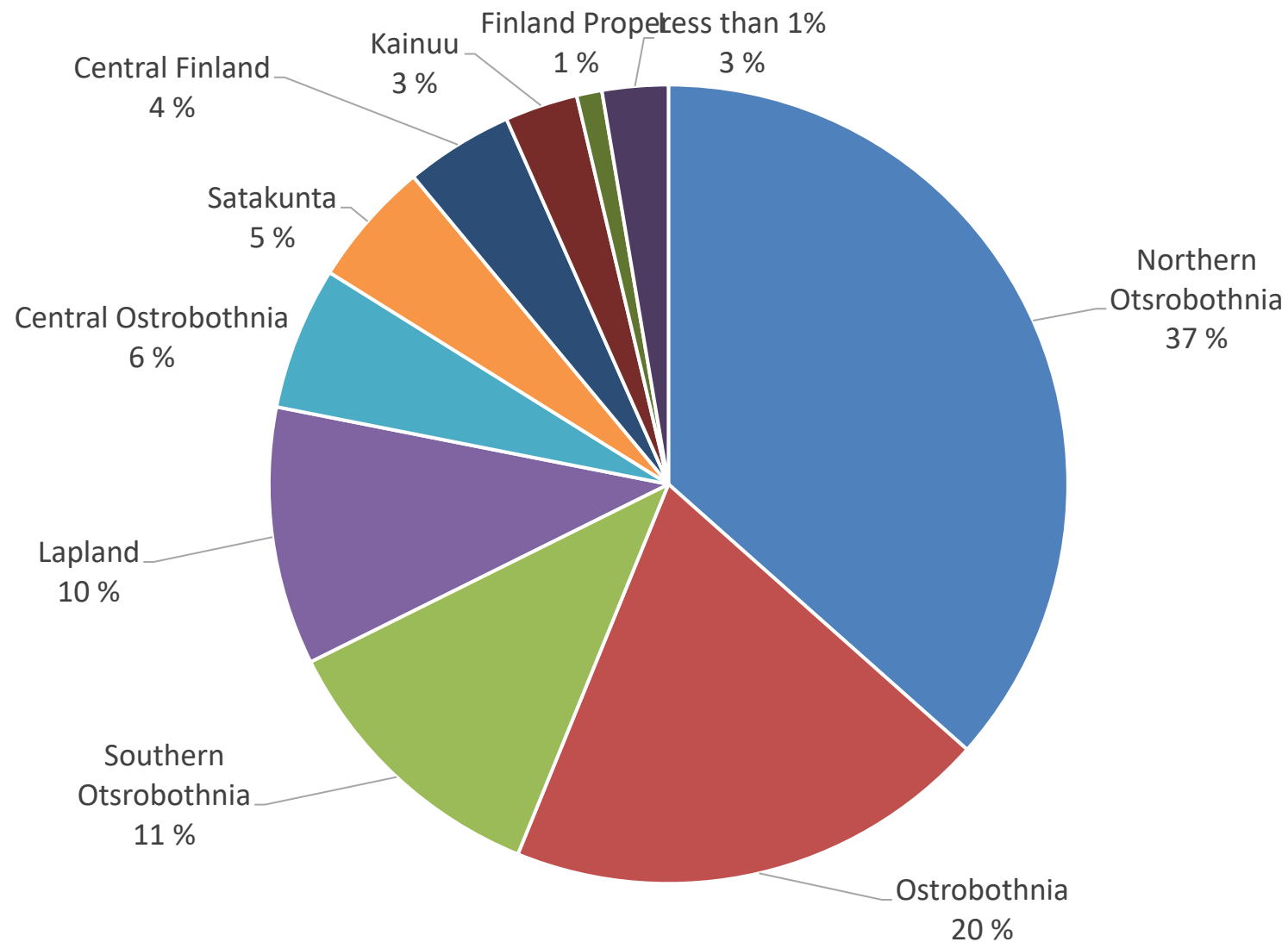
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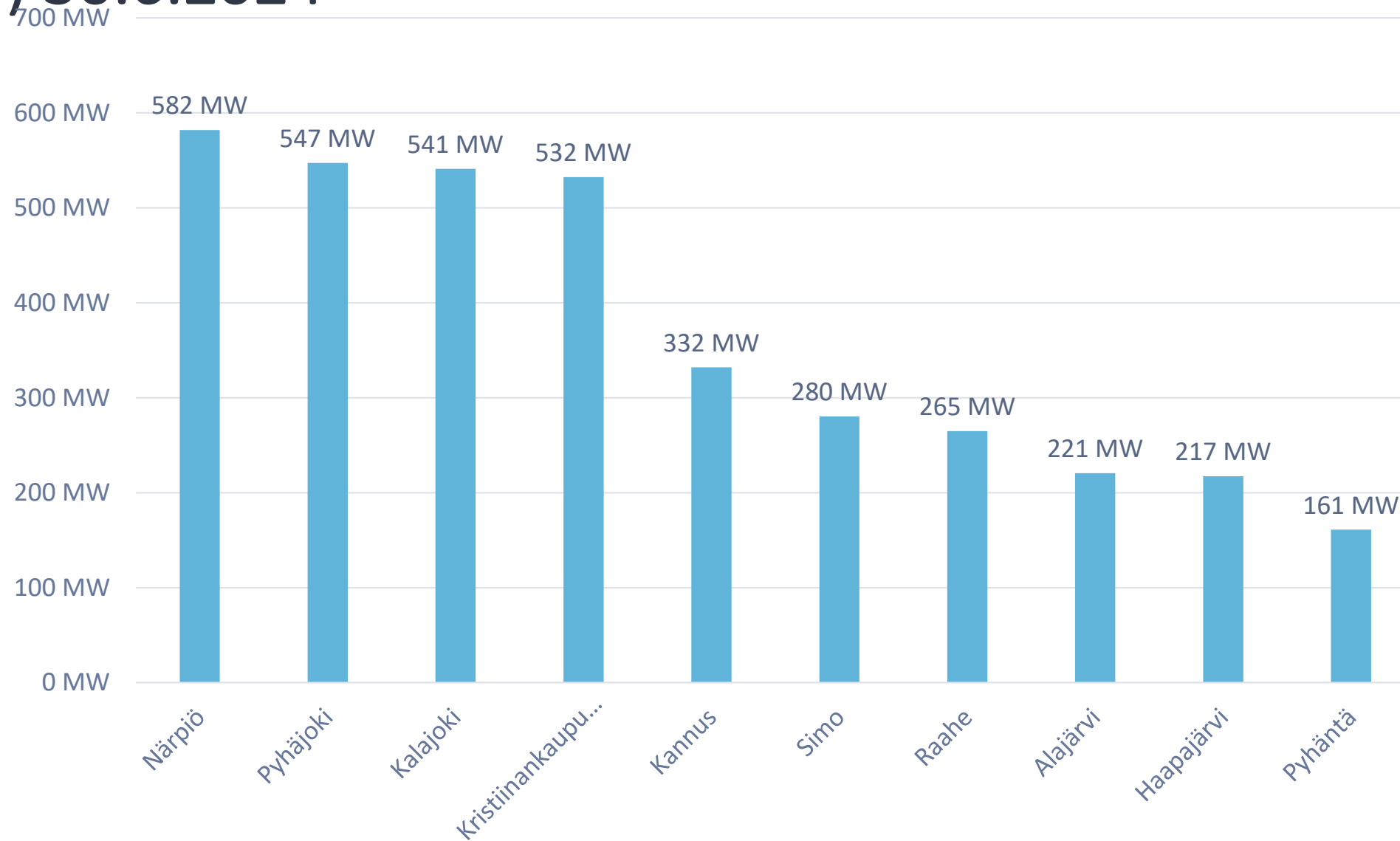
Wind turbine suppliers – shares of capacity (MW) that came online 1-6/2024



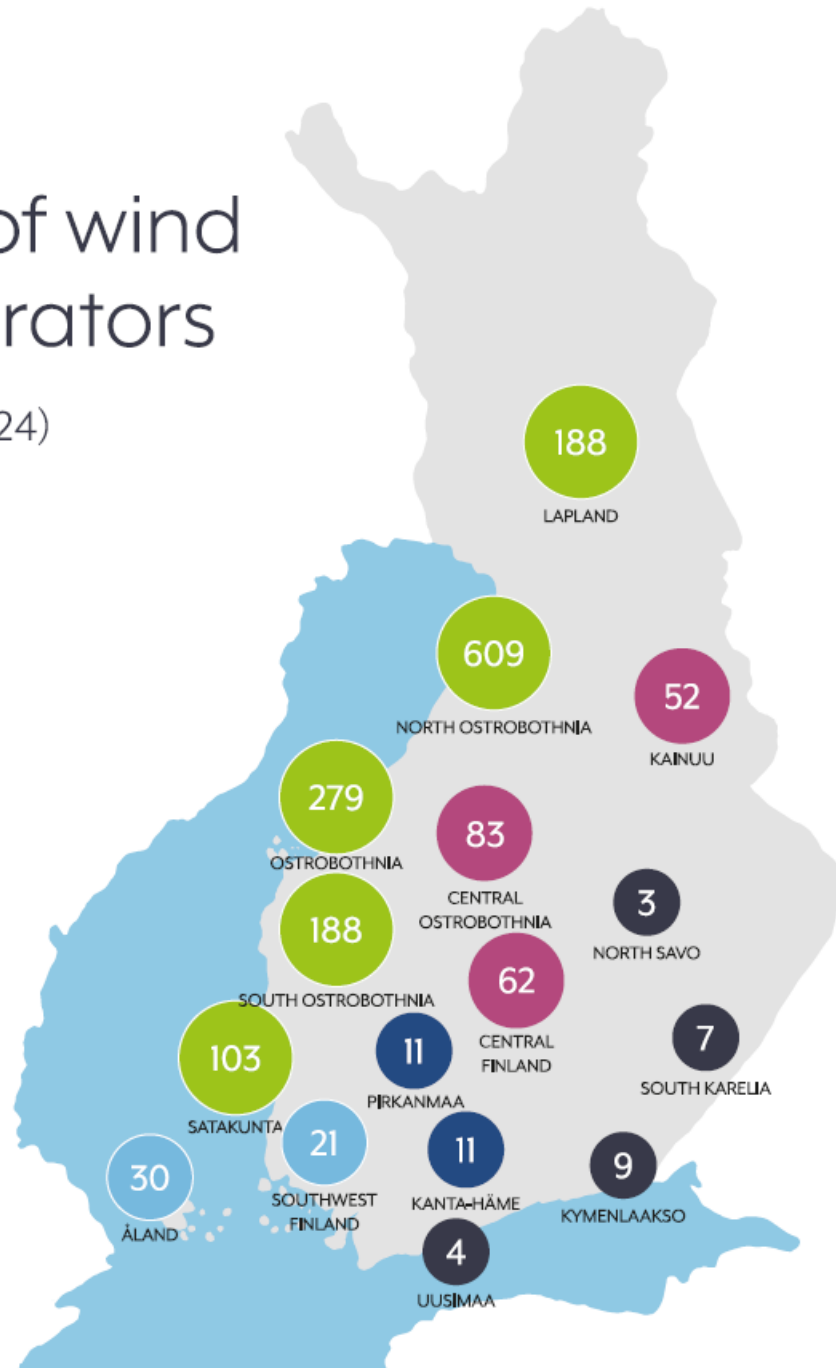
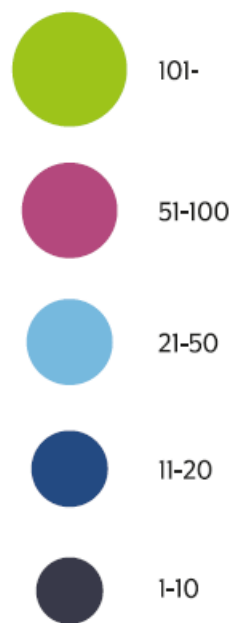
Cumulative wind power capacity by region (MW) end of June 2024



Top 10 municipalities - cumulative capacity (MW) 30.6.2024

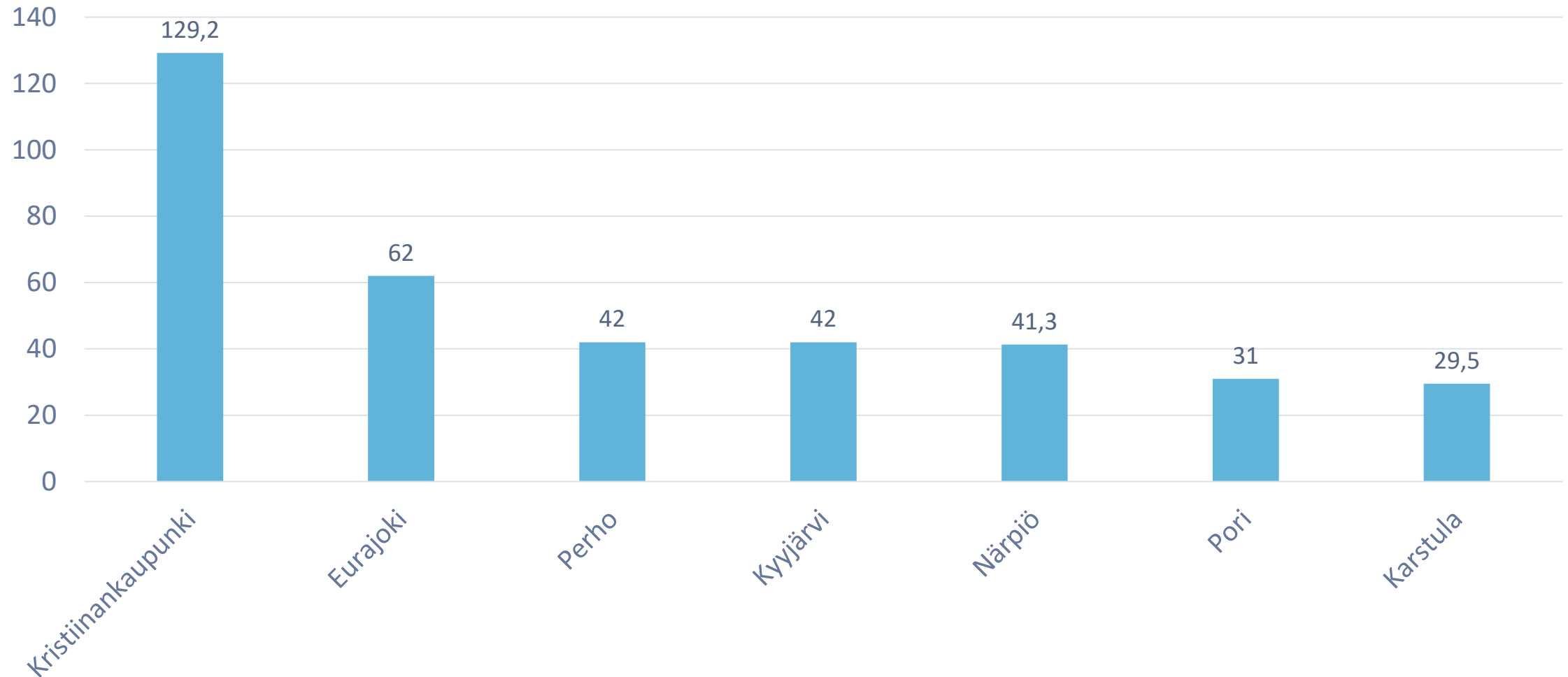


Distribution of wind turbine generators by region (6/2024)

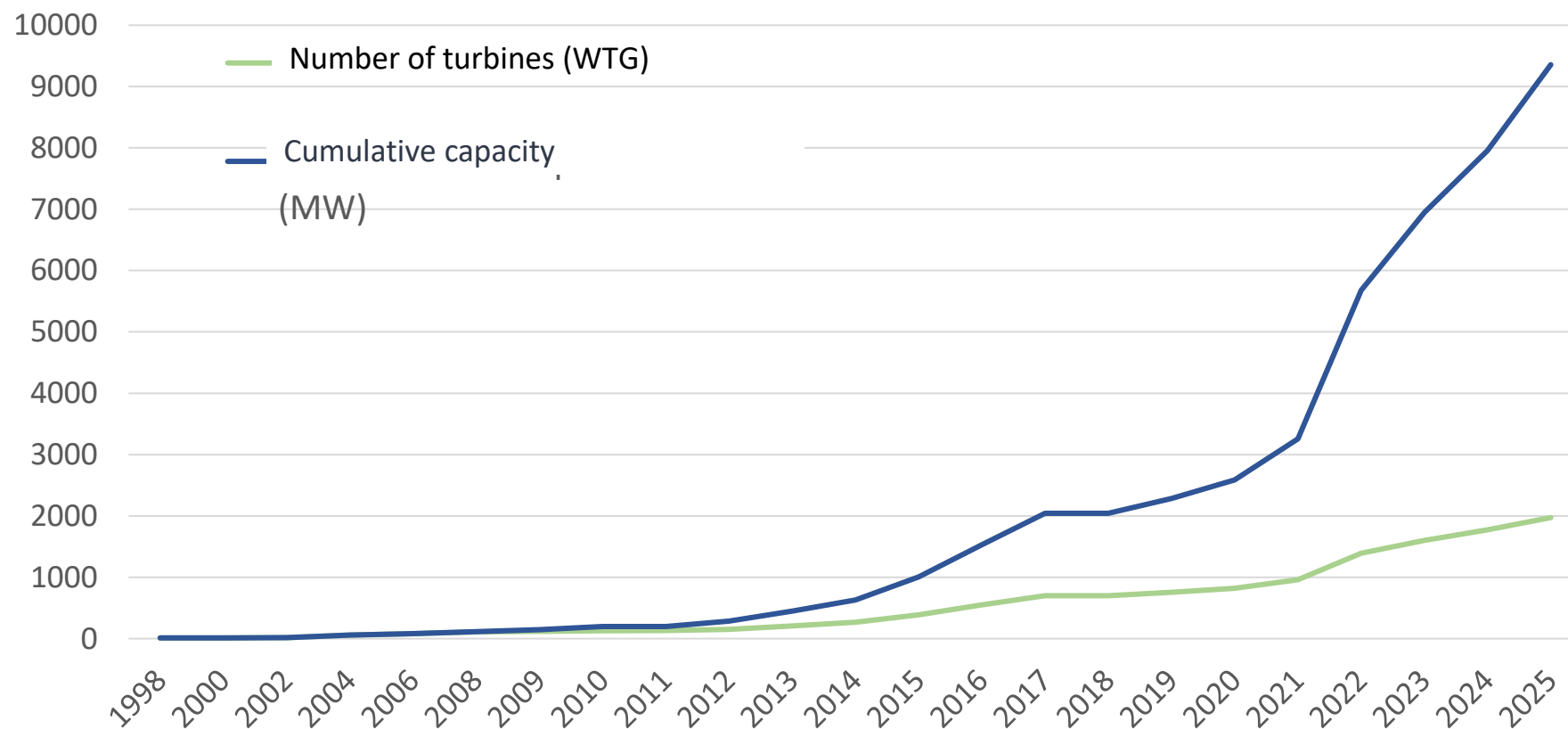


Reference:
Renewables Finland
(formerly Finnish Wind Power Association)

Installed capacity 1-6/2024–municipalities (MW)



The construction will continue strong in Finland



The estimates for the 2024 and 2025 are based on the investment decisions published prior to 31st of December 2023.

Finnish Wind Power Association (FWPA)

- Membership association that promotes wind power, established in 1988
- Over 230 company members, about 20 individual members, about 140 support members
 - A comprehensive mix of companies working in the wind power sector
- 10 full-time employees
- Located in Jyväskylä, Helsinki and Kajaani
- Distributes information about wind power, engages actively in public discussion concerning wind power, publishes magazine “Tuulivoima”, etc.
<http://tuulivoimayhdistys.fi/en/>