

Wind power on the first half of 2023 in Finland

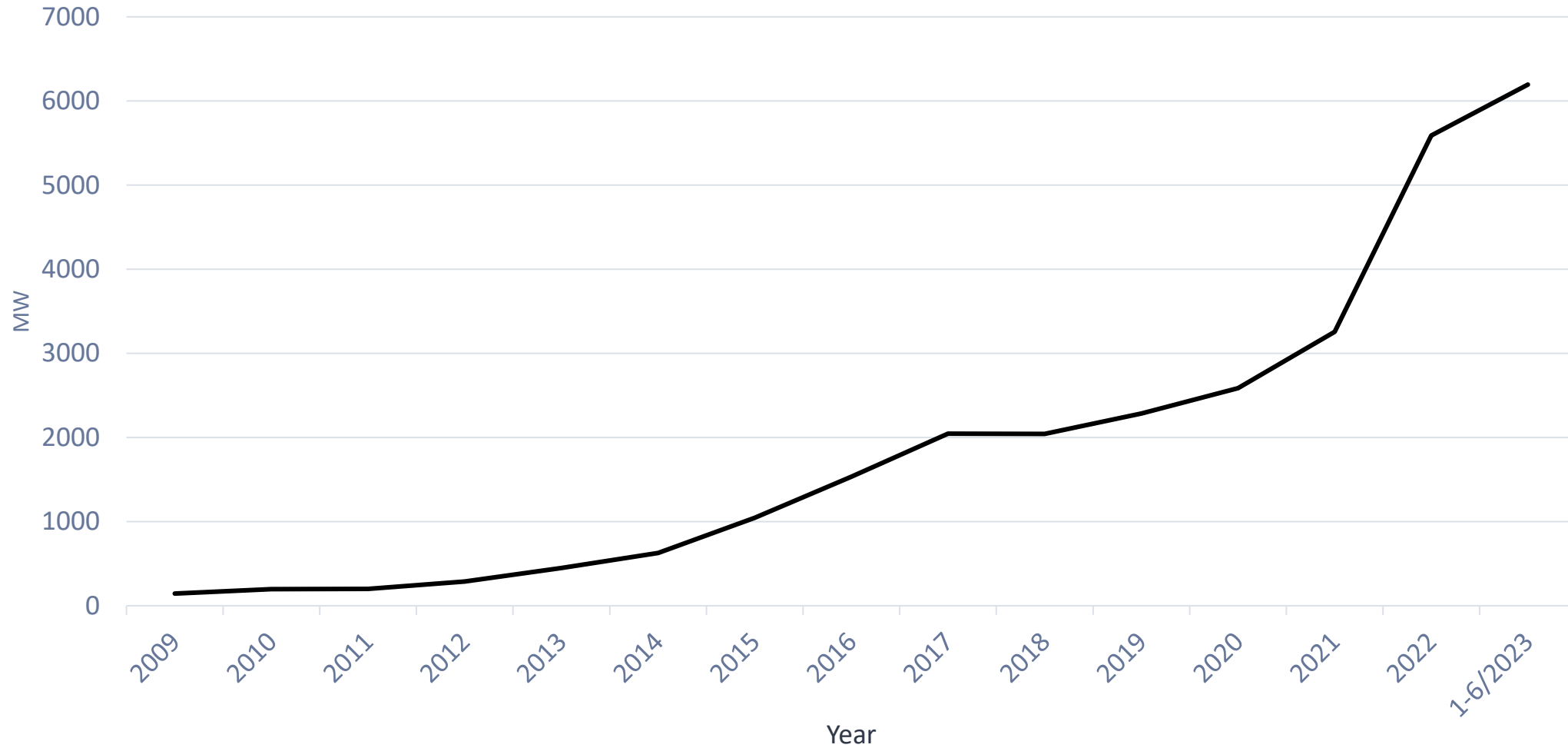
Finnish Wind Power Association

30.6.2023

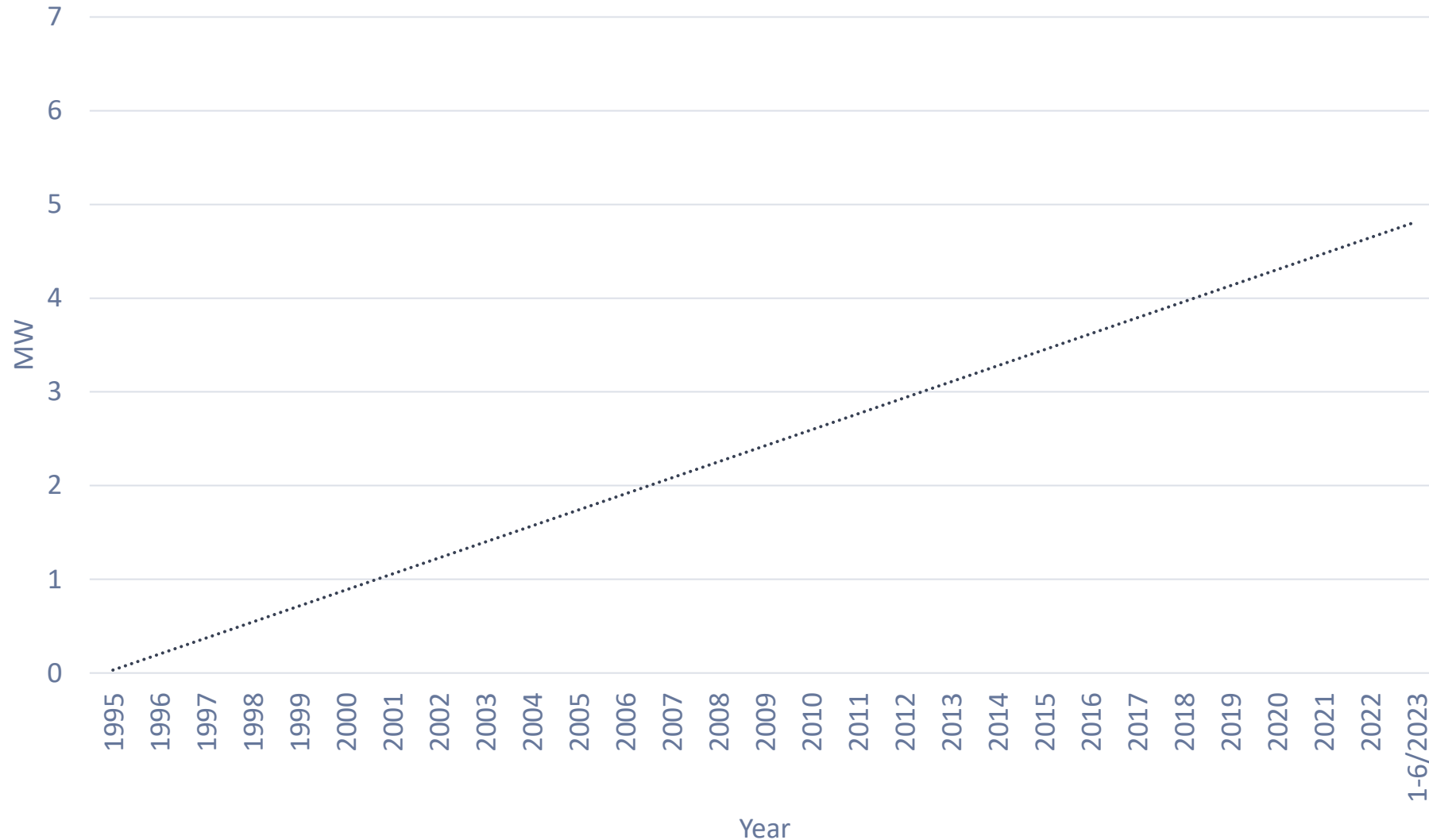
Summary

Installed wind power capacity		
1.1.-30.6.2023		
Installed wind turbines	75	WTG
Rated power of installed turbines	439	MW
Decommissioned turbines	0	WTG
Rated power of decommissioned turbines	0	MW
Cumulative number of installed turbines	1 468	WTG
Cumulative capacity (MW)	6 116	MW

Installed cumulative capacity (MW)



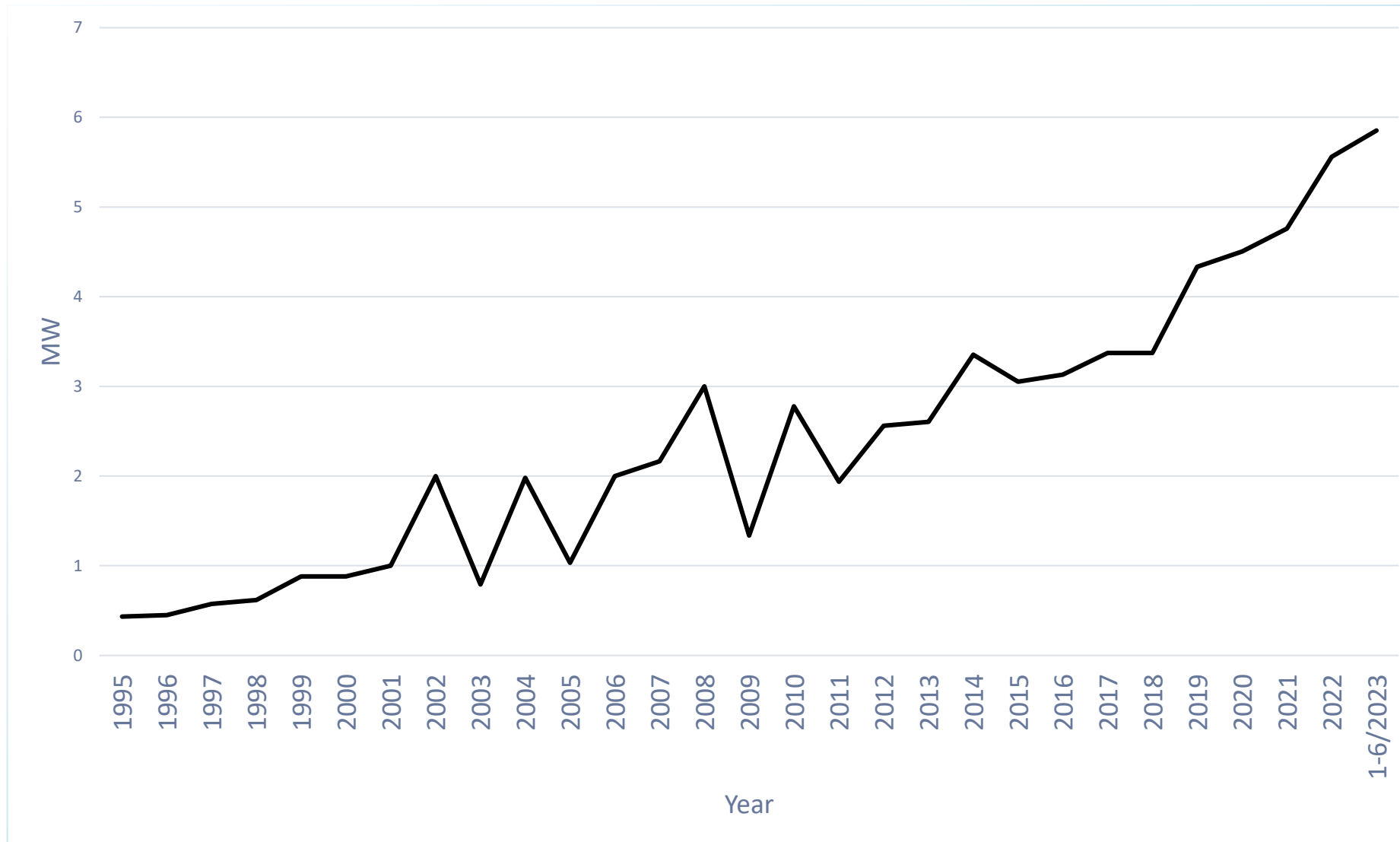
Average size of installed turbines (MW) (trendline)



Average capacity of installed turbines (MW)



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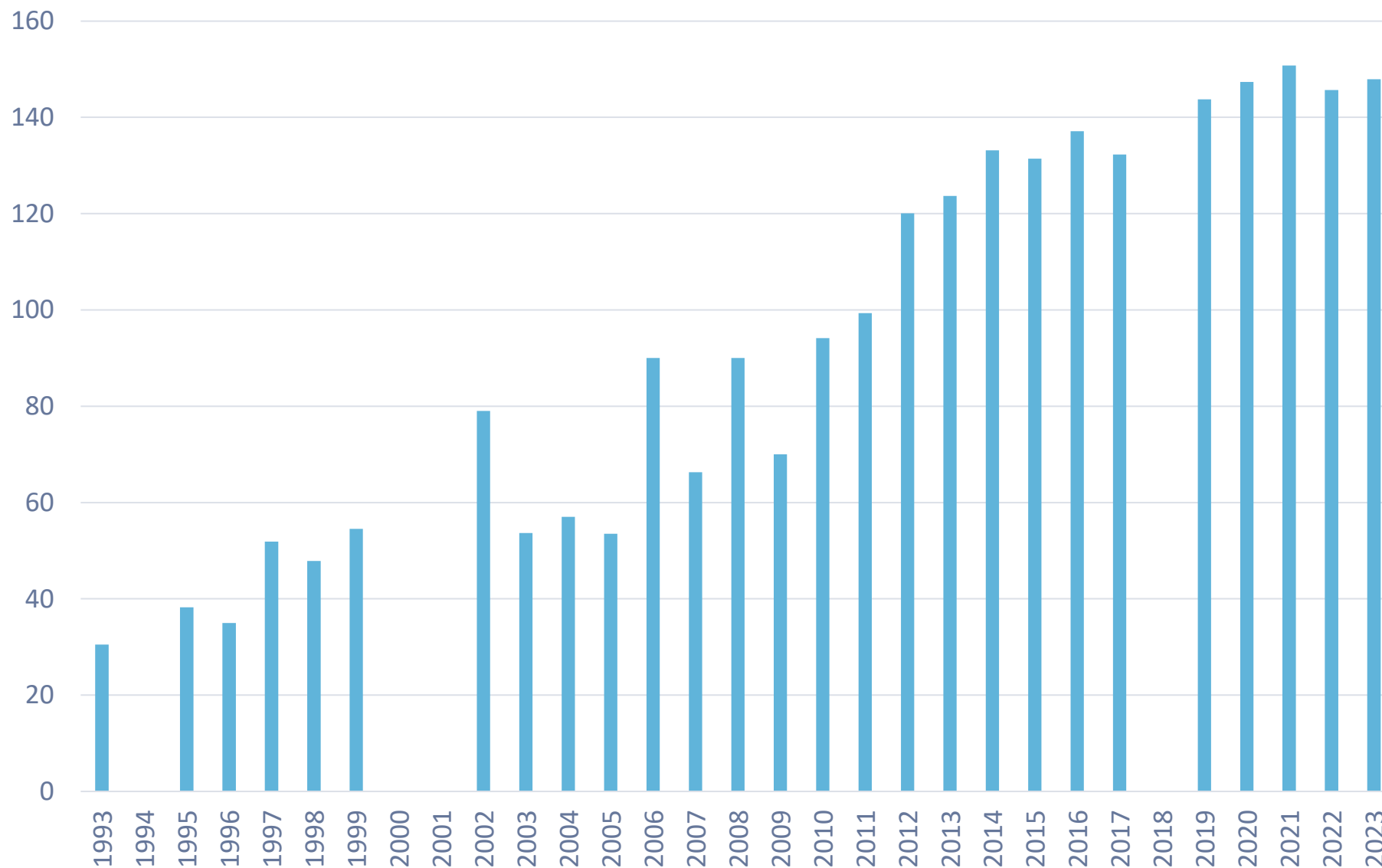


* Before 2014 very few turbines were installed annually

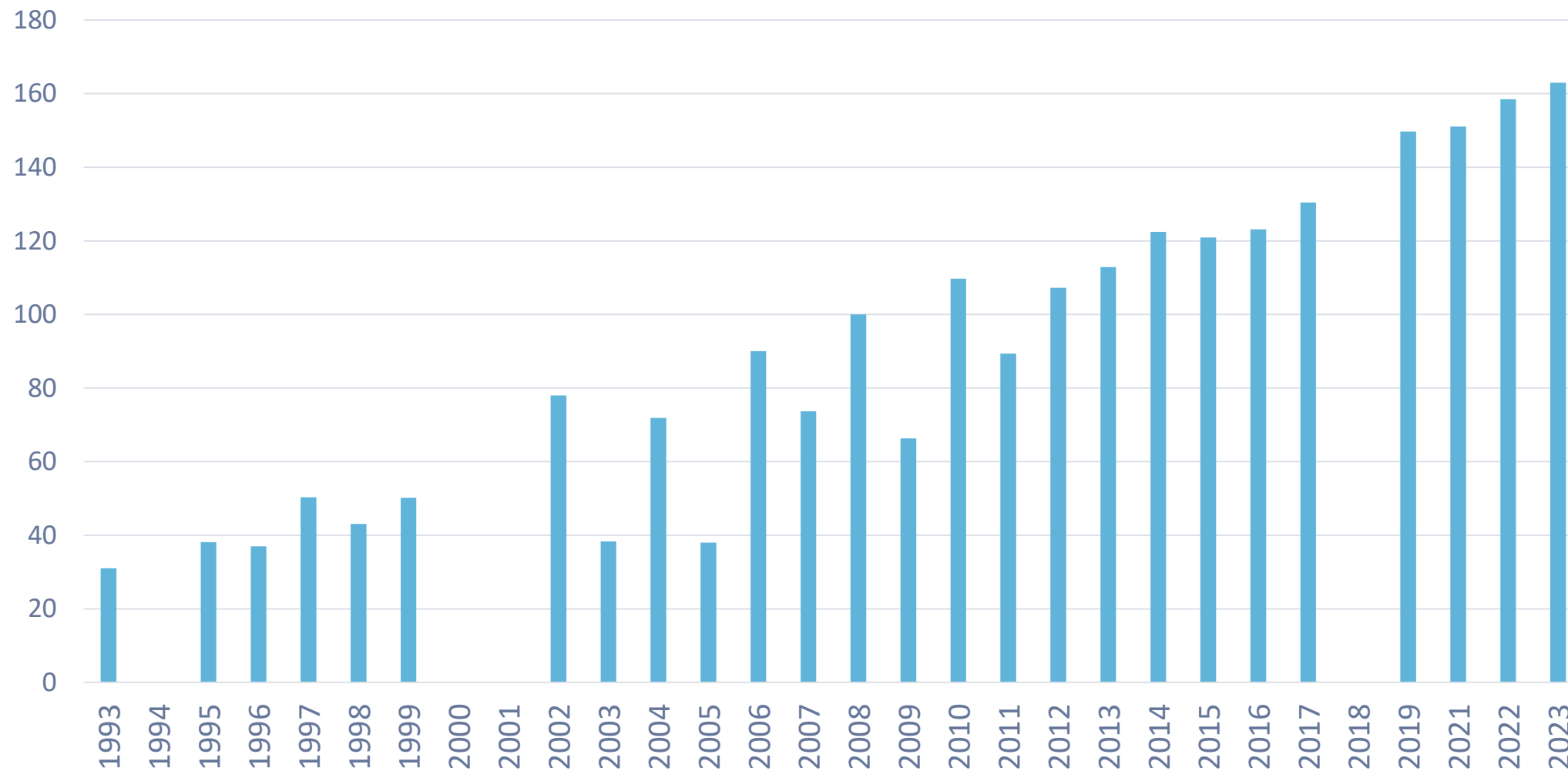
Average hub height of installed turbines (m)



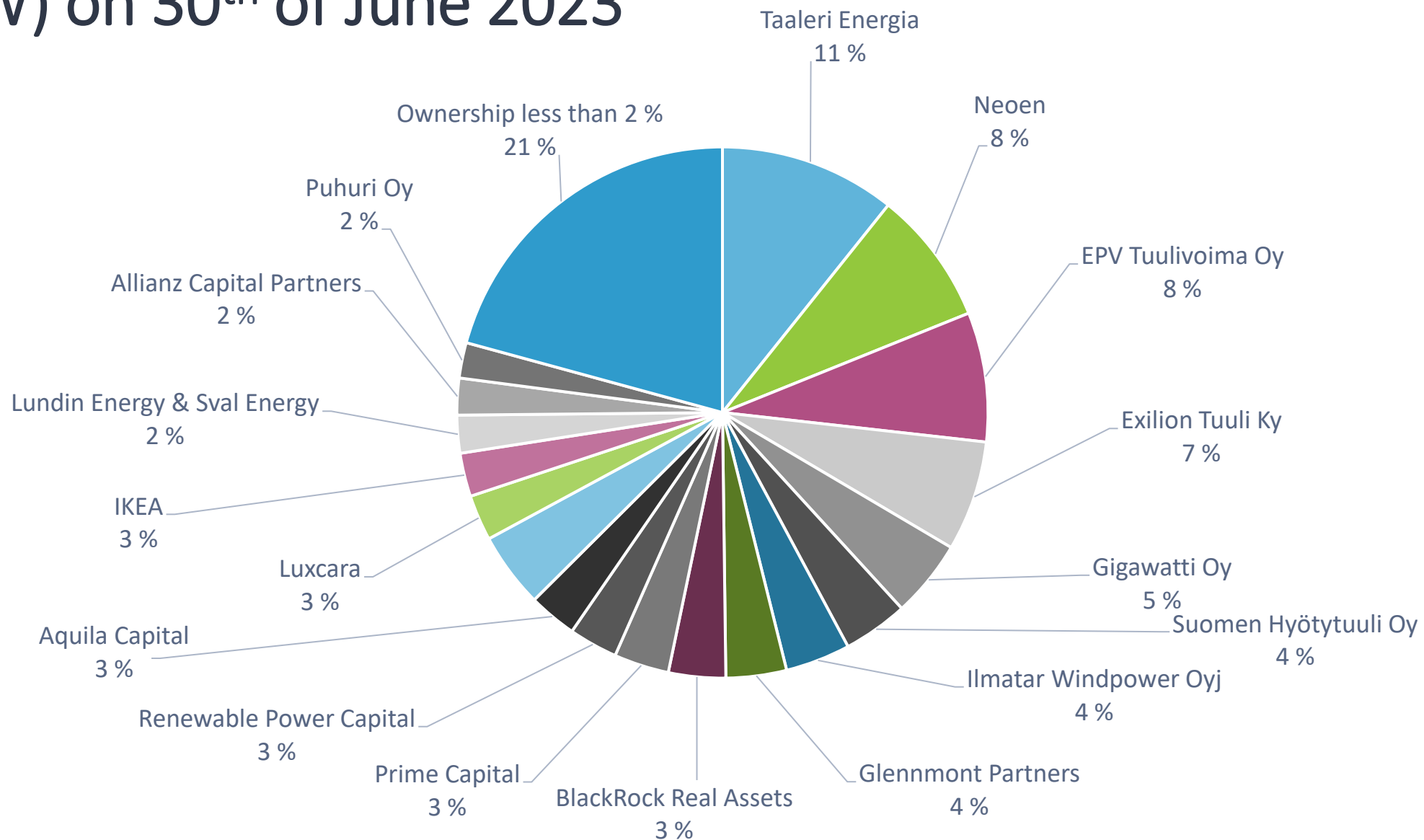
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Average rotor diameter length (m) of installed turbines



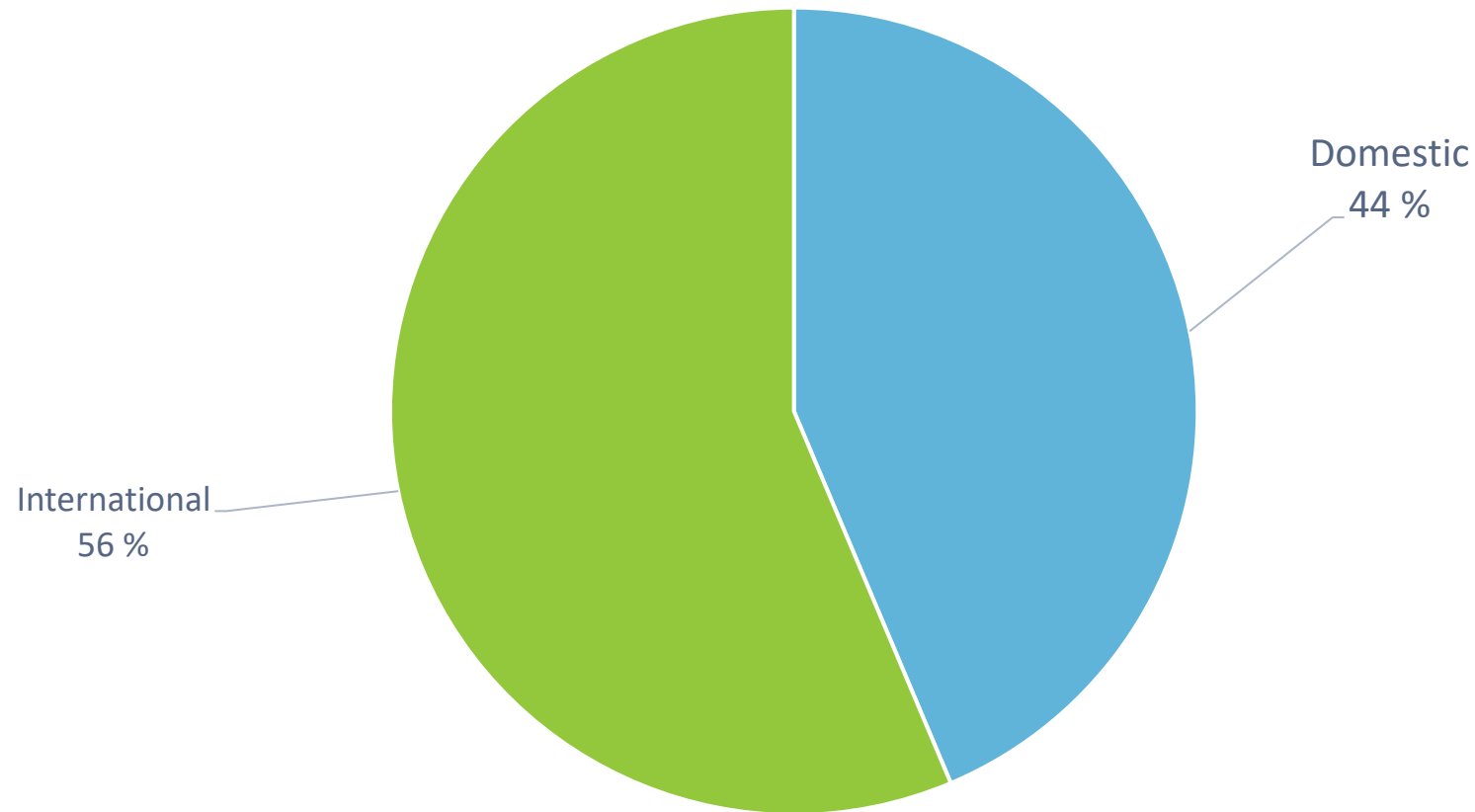
Owners – shares of cumulative capacity (MW) on 30th of June 2023



Shares of domestic and foreign owners 30th of June 2023 – cumulative capacity



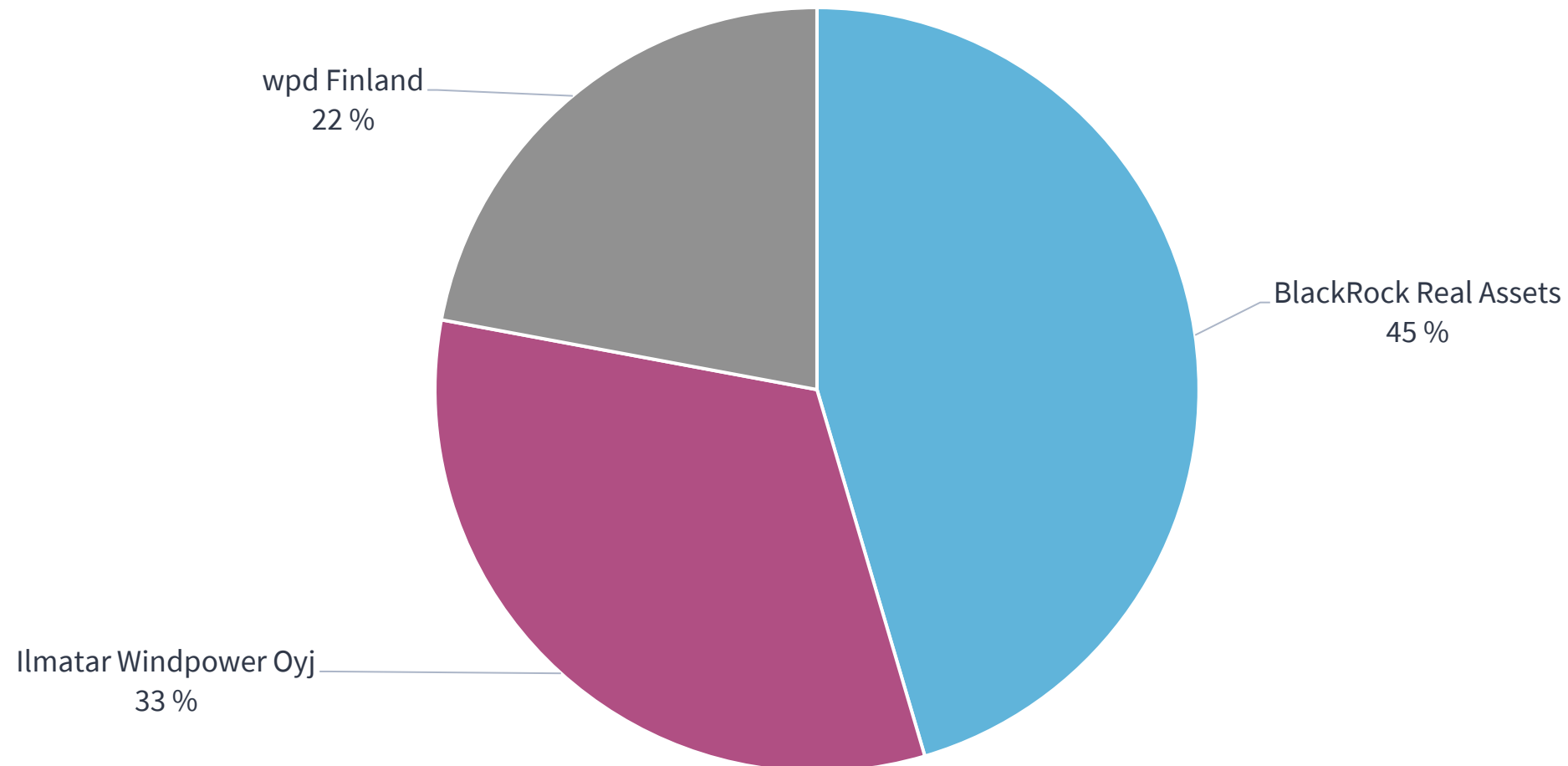
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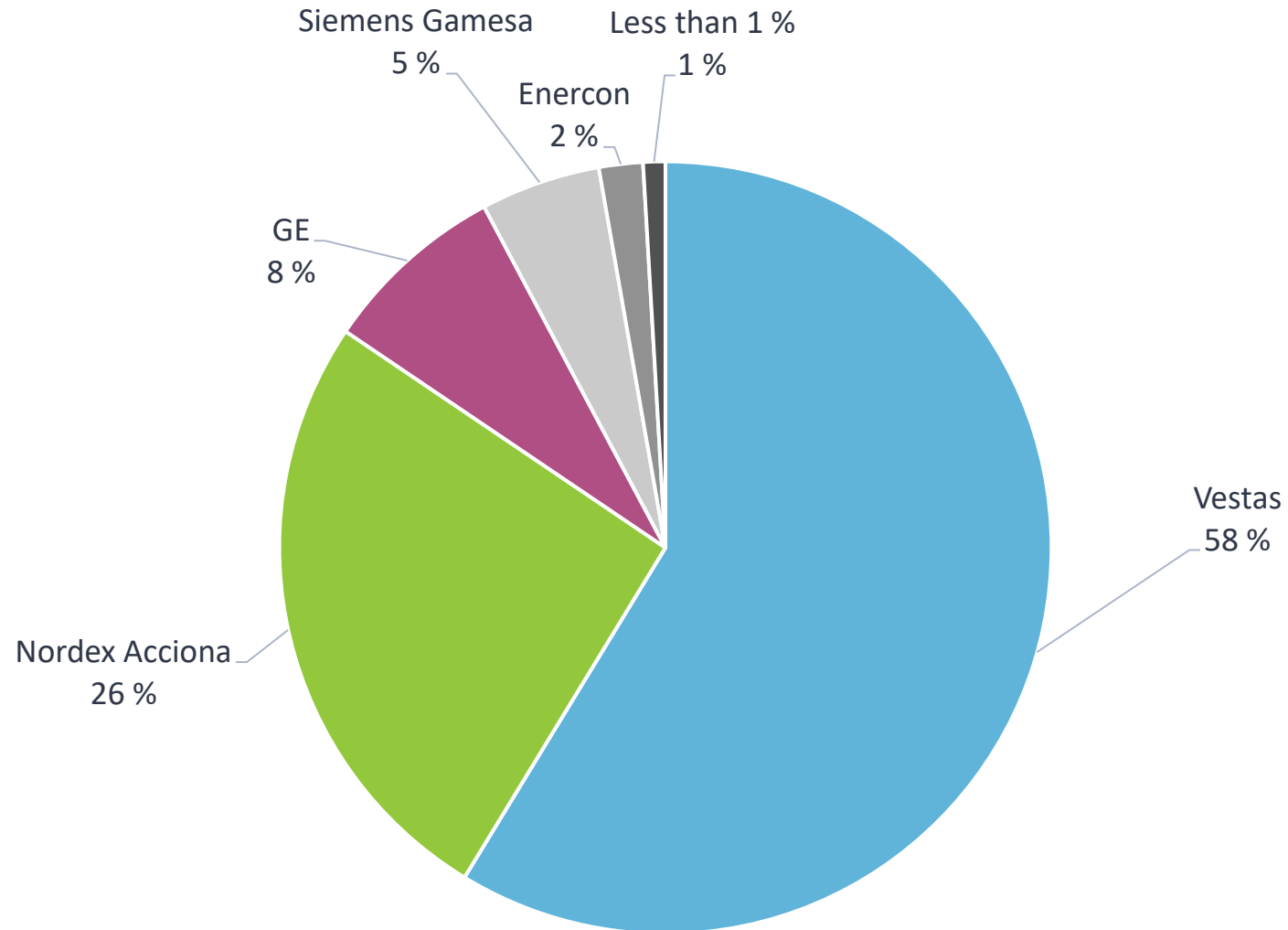
Owners – shares of capacity installed between 1.1. and 30.6.2023 (MW)



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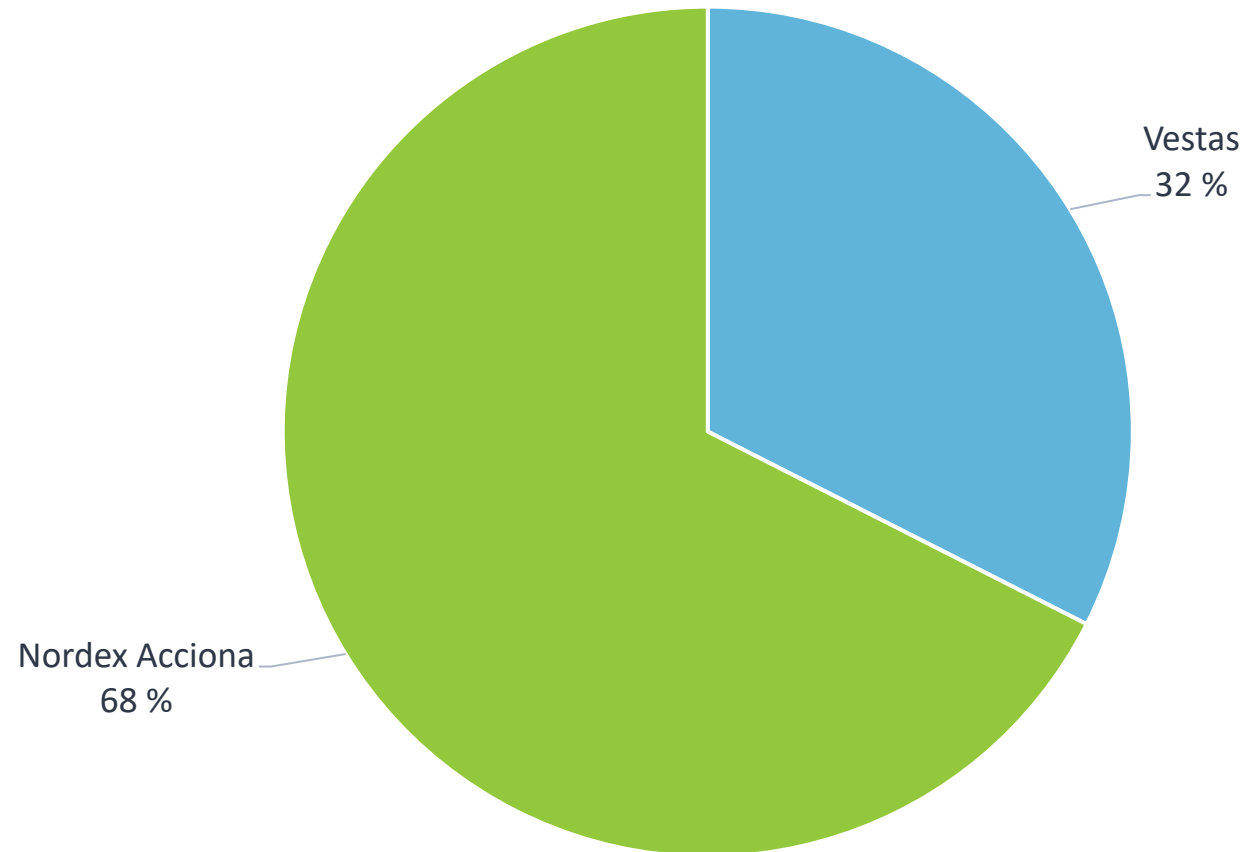
Wind turbine suppliers – shares of cumulative capacity (MW) 30.6.2023



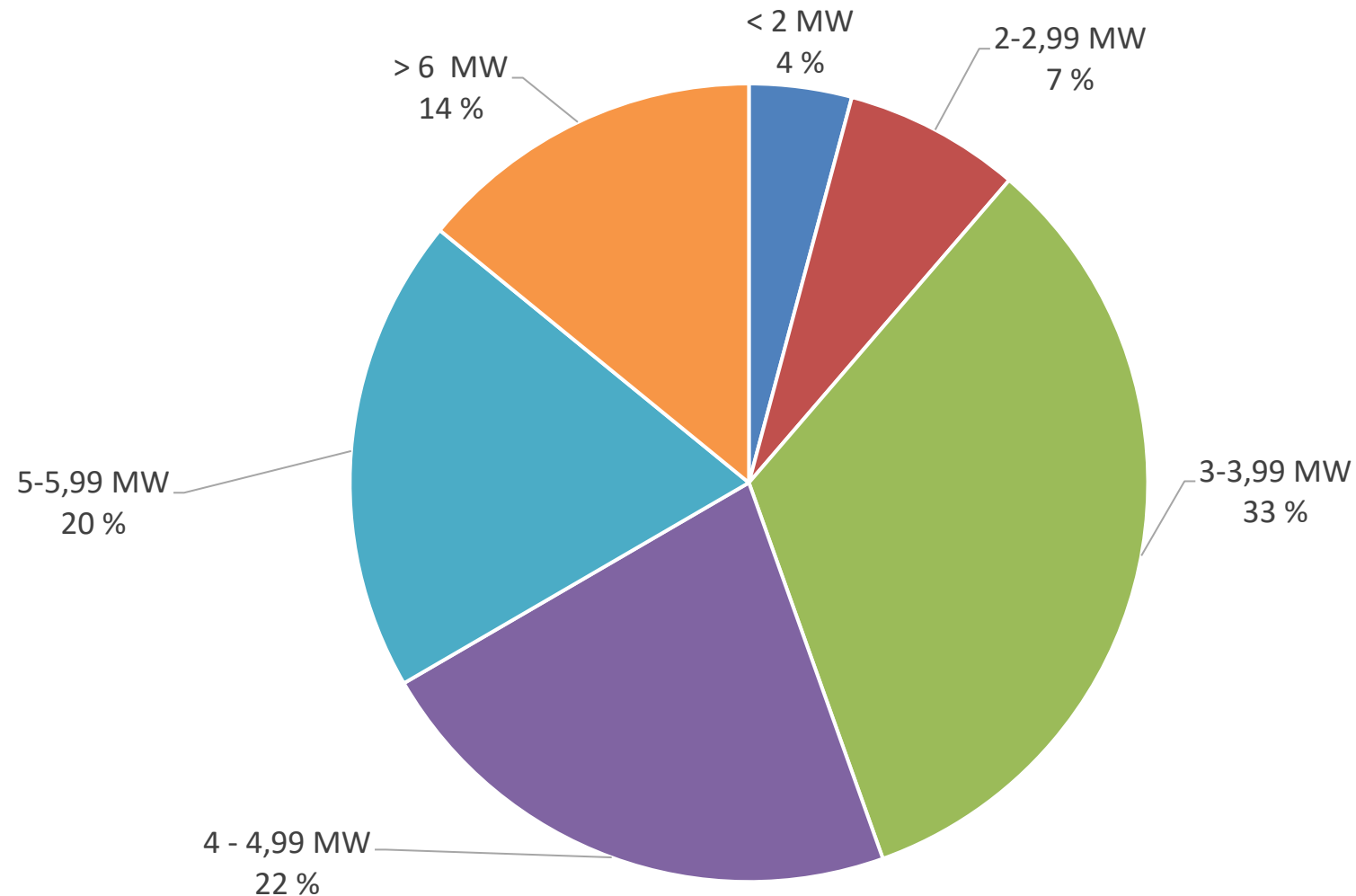
Wind turbine suppliers – shares of capacity (MW) that came online between 1.1. and 30.6.2023



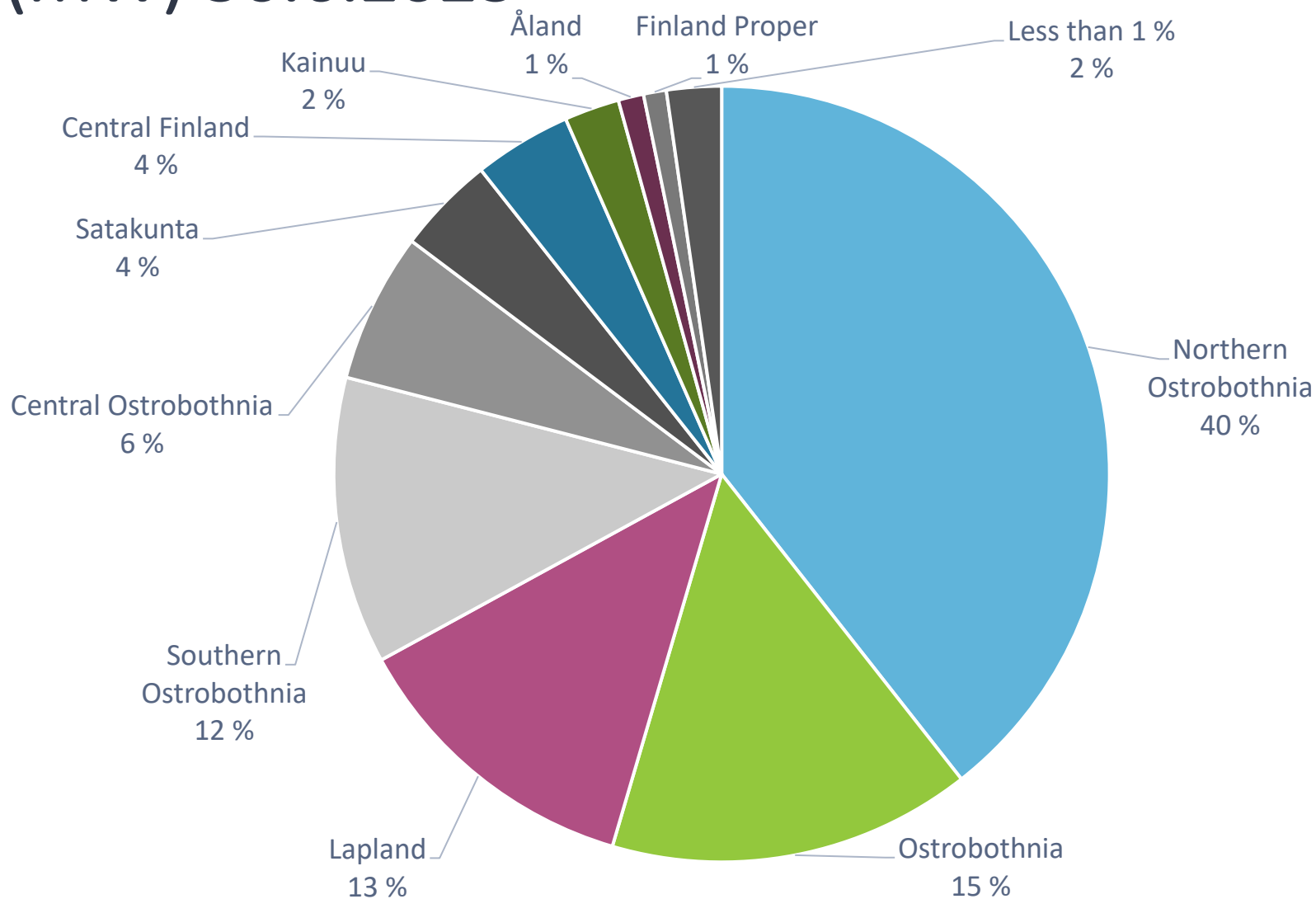
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Shares of different wind turbine capacities –cumulative capacity (number of turbines)



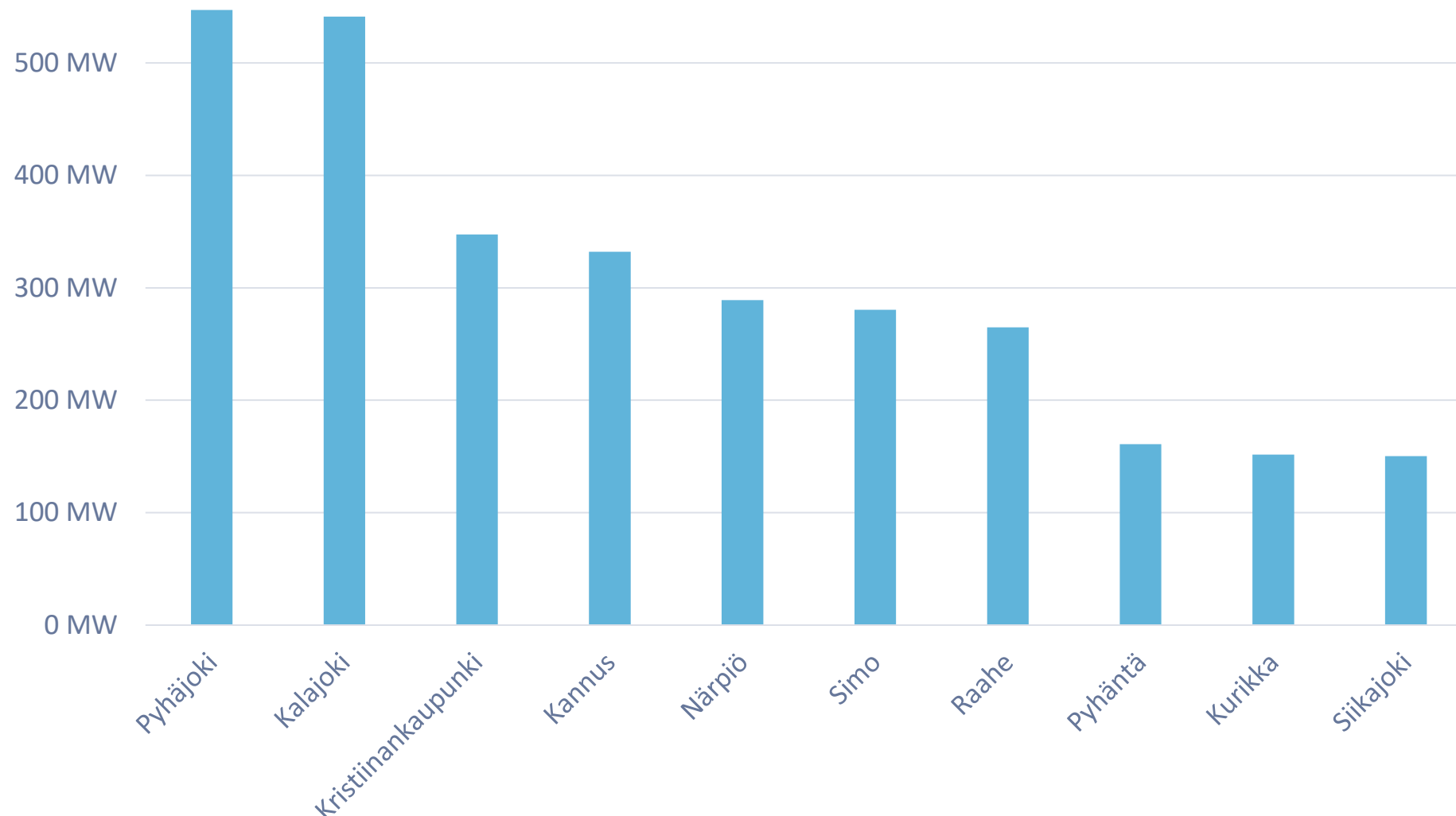
Cumulative wind power capacity by region (MW) 30.6.2023



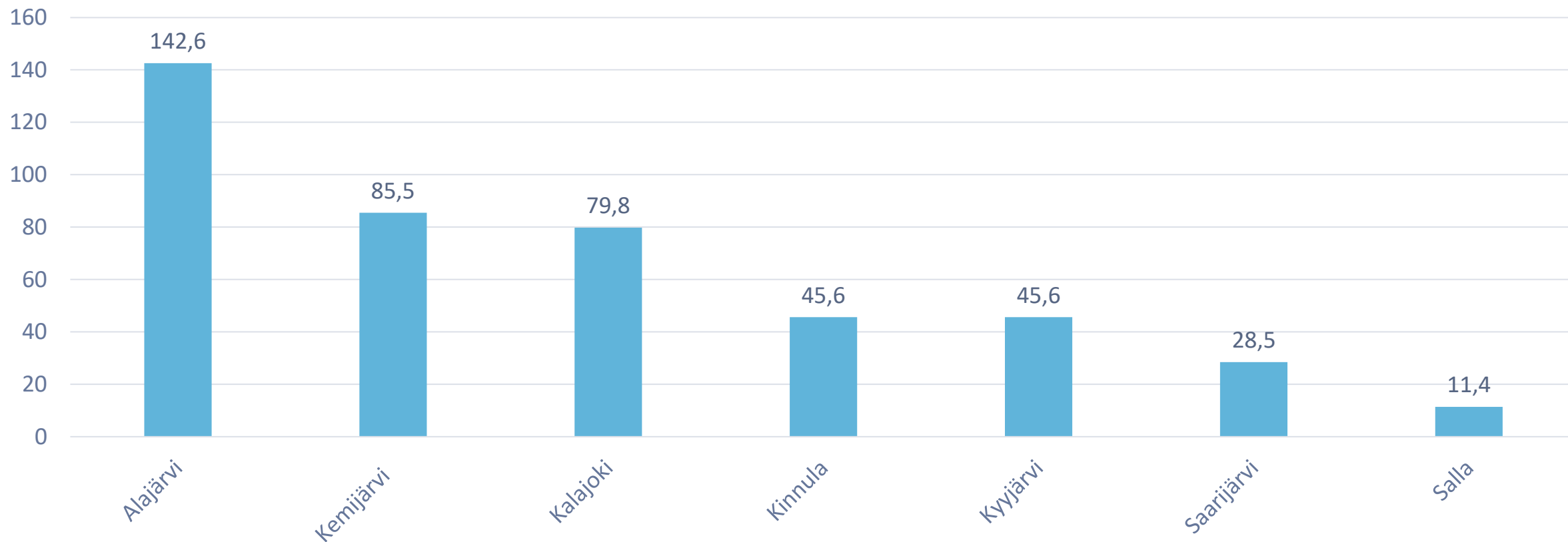


Top 10 municipalities - cumulative capacity (MW) 30.6.2023

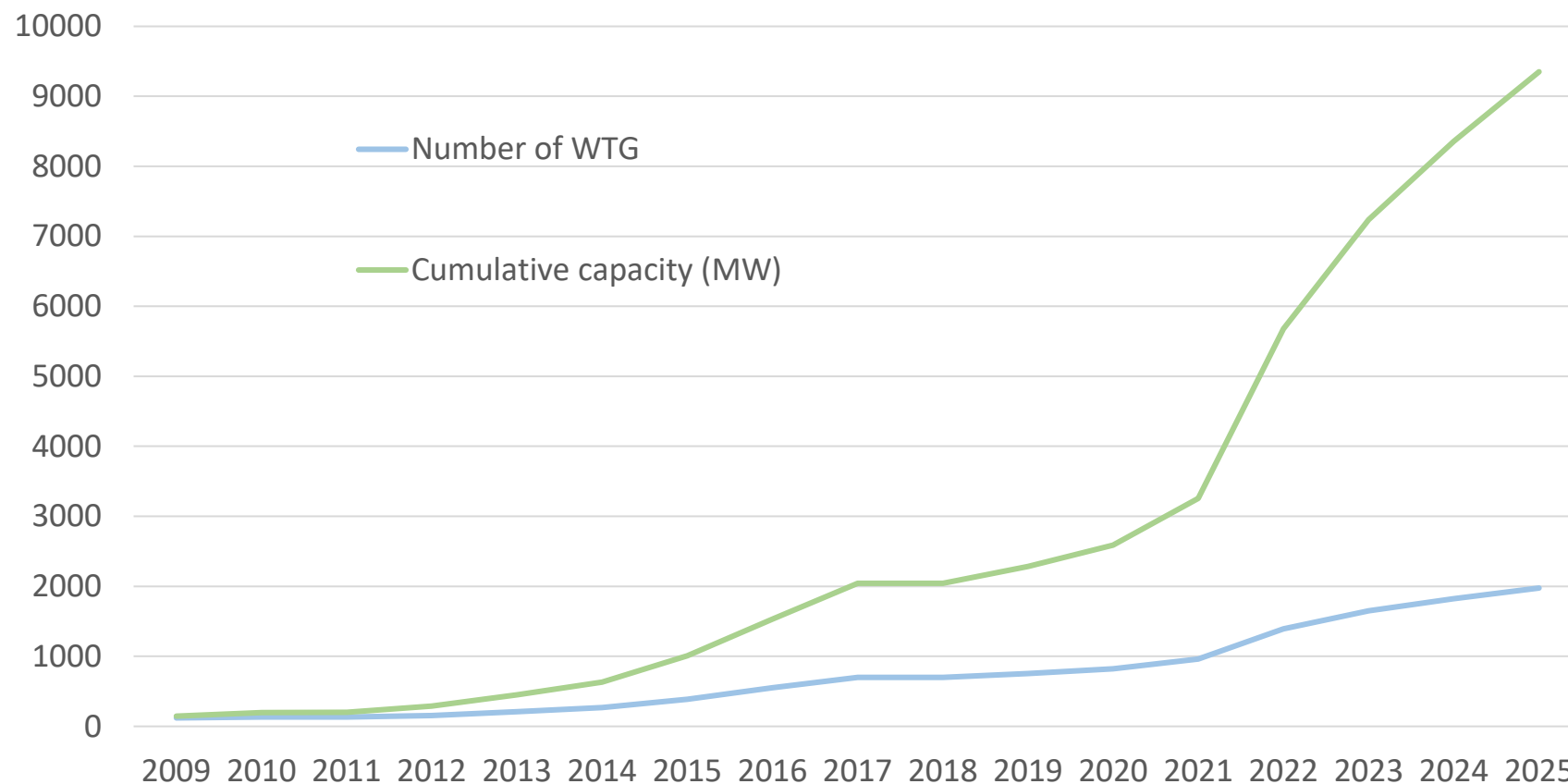
600 MW



Installed capacity 1.1.-30.6.2023 – top 7 municipalities (MW)



The construction will continue strong in Finland



The estimates for the second half of 2023, 2024 and 2025 are based on the investment decisions published prior to 28 th od June 2023

Finnish Wind Power Association (FWPA)

- Membership association that promotes wind power, established in 1988
- About 220 company members, about 20 individual members, about 140 support members
 - A comprehensive mix of companies working in the wind power sector
- 8 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/>