

Wind power on the first half of 2022 in Finland

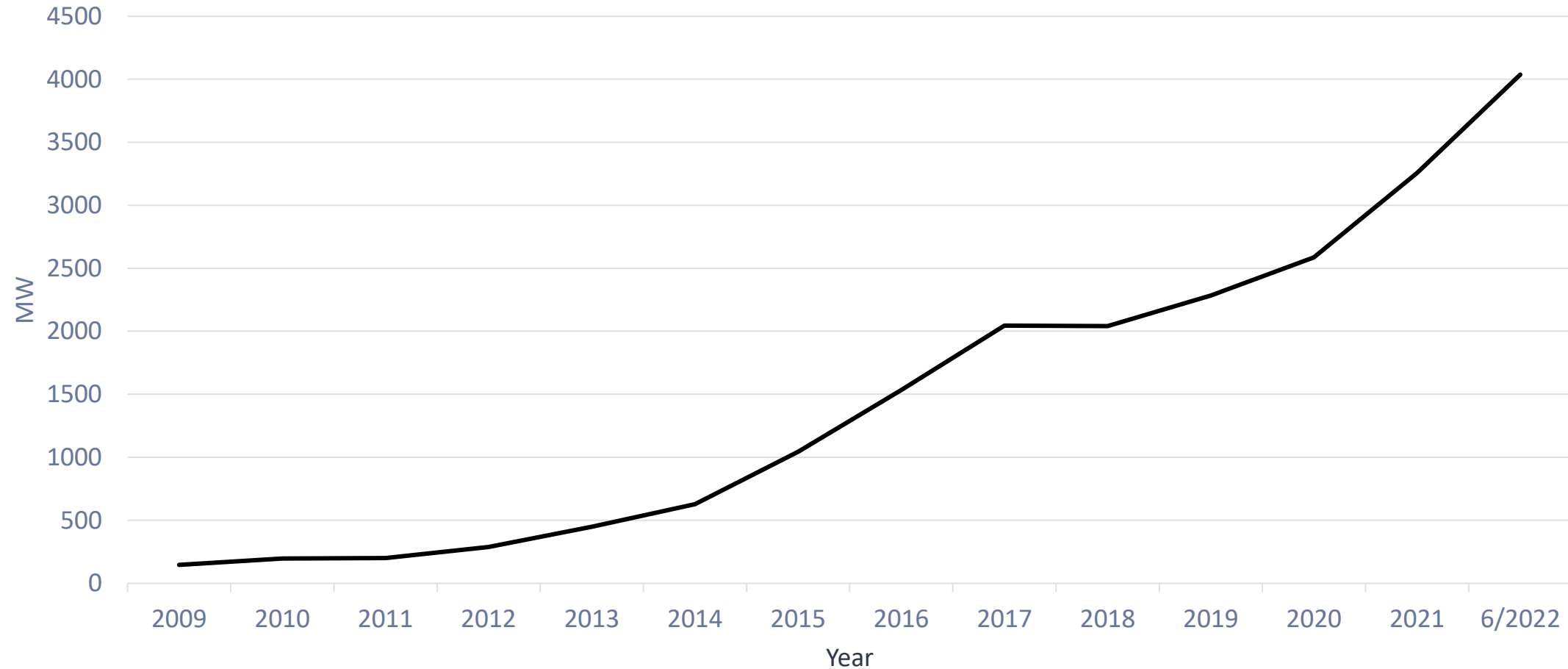
Finnish Wind Power Association

12.11.2022

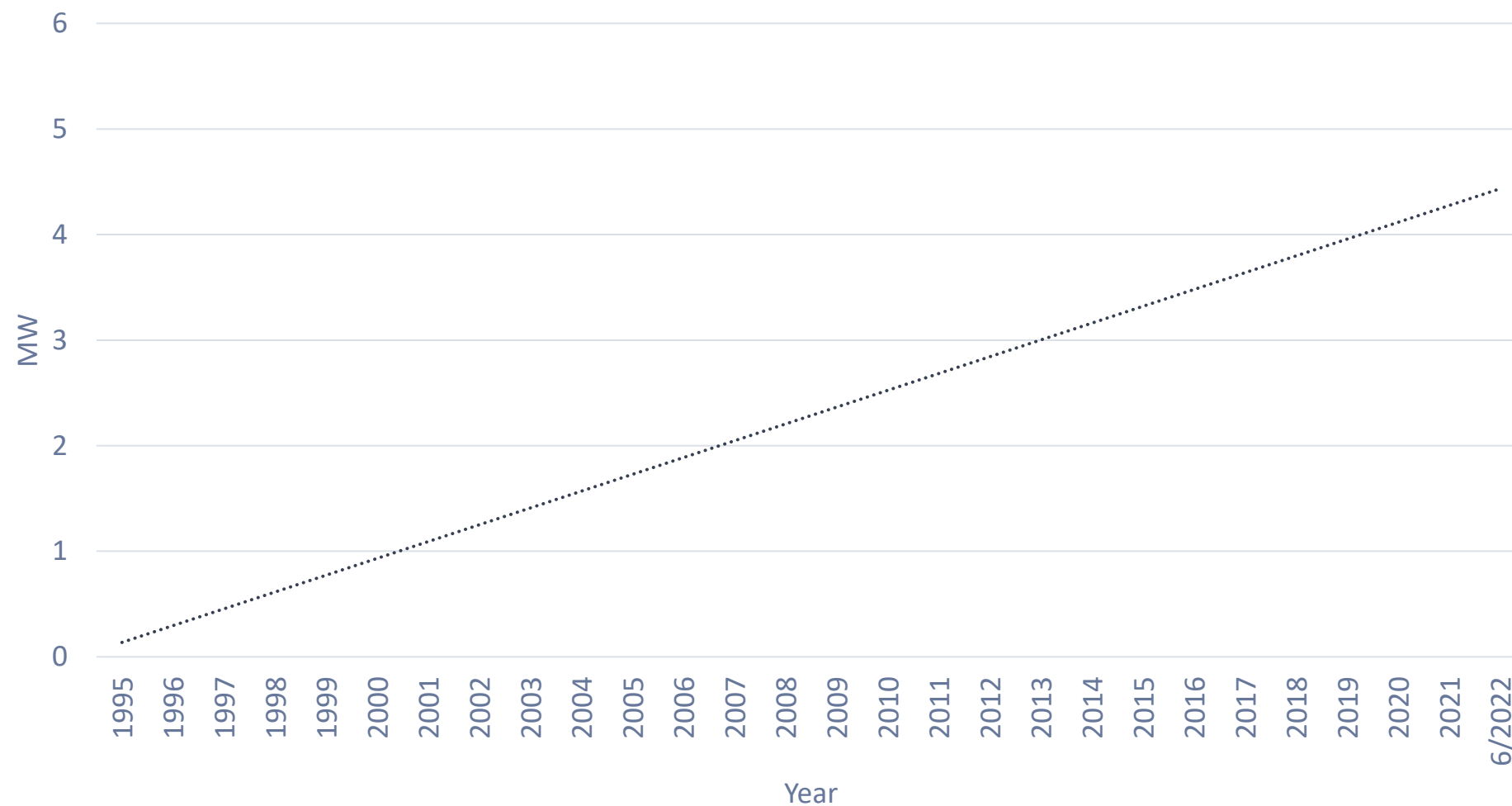
Summary

Installed wind power capacity		
1.1.-30.6.2022		
Installed wind turbines	154	WTG
Rated power of installed turbines	784	MW
Decommissioned turbines	3	WTG
Rated power of decommissioned turbines	3	MW
Cumulative number of installed turbines	1112	WTG
Cumulative capacity (MW)	4 037	MW

Installed cumulative capacity (MW)

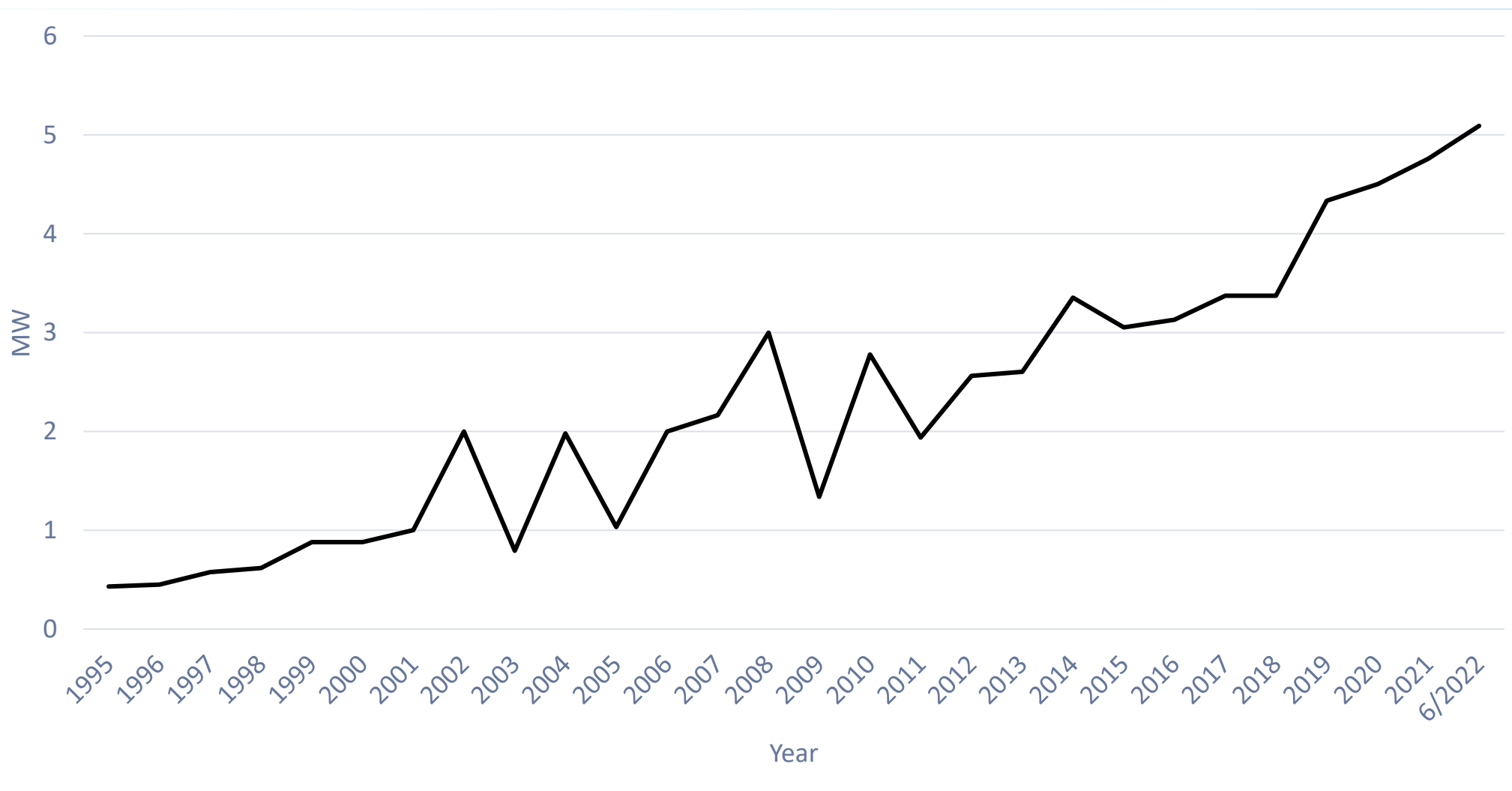


Average size of installed turbines (MW) (trendline)





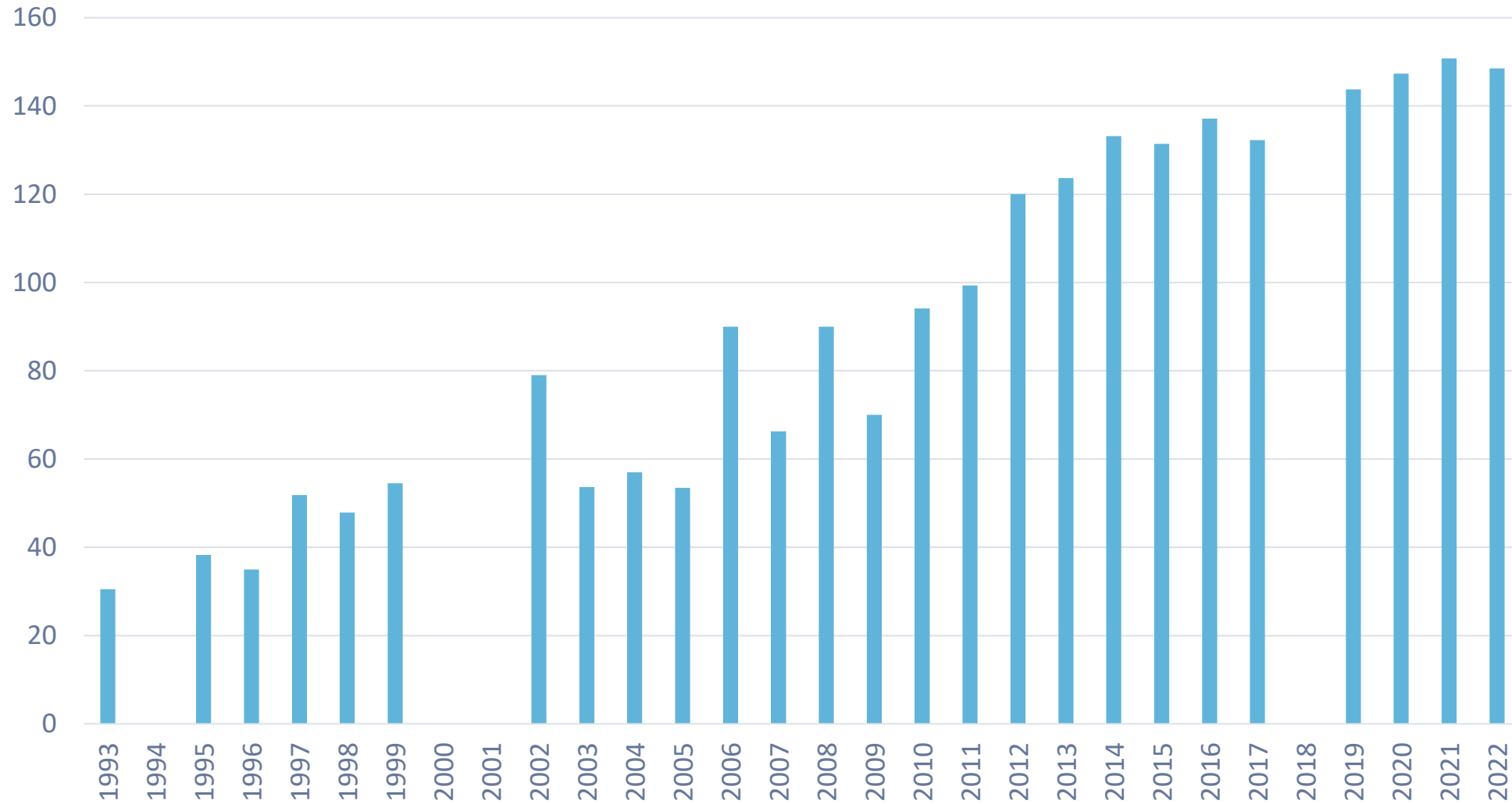
Average capacity of installed turbines (MW)



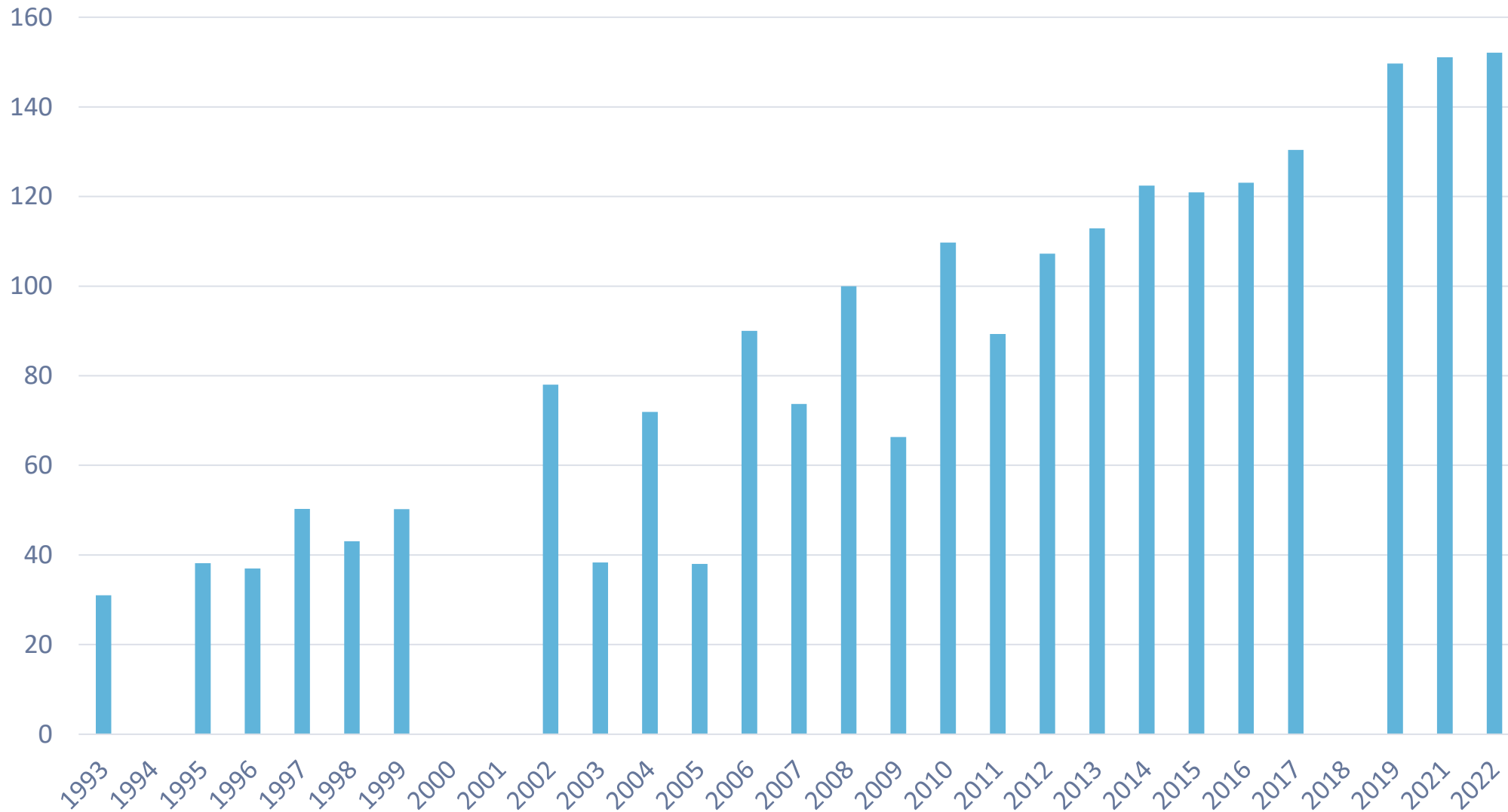
* Before 2014 very few turbines were installed annually



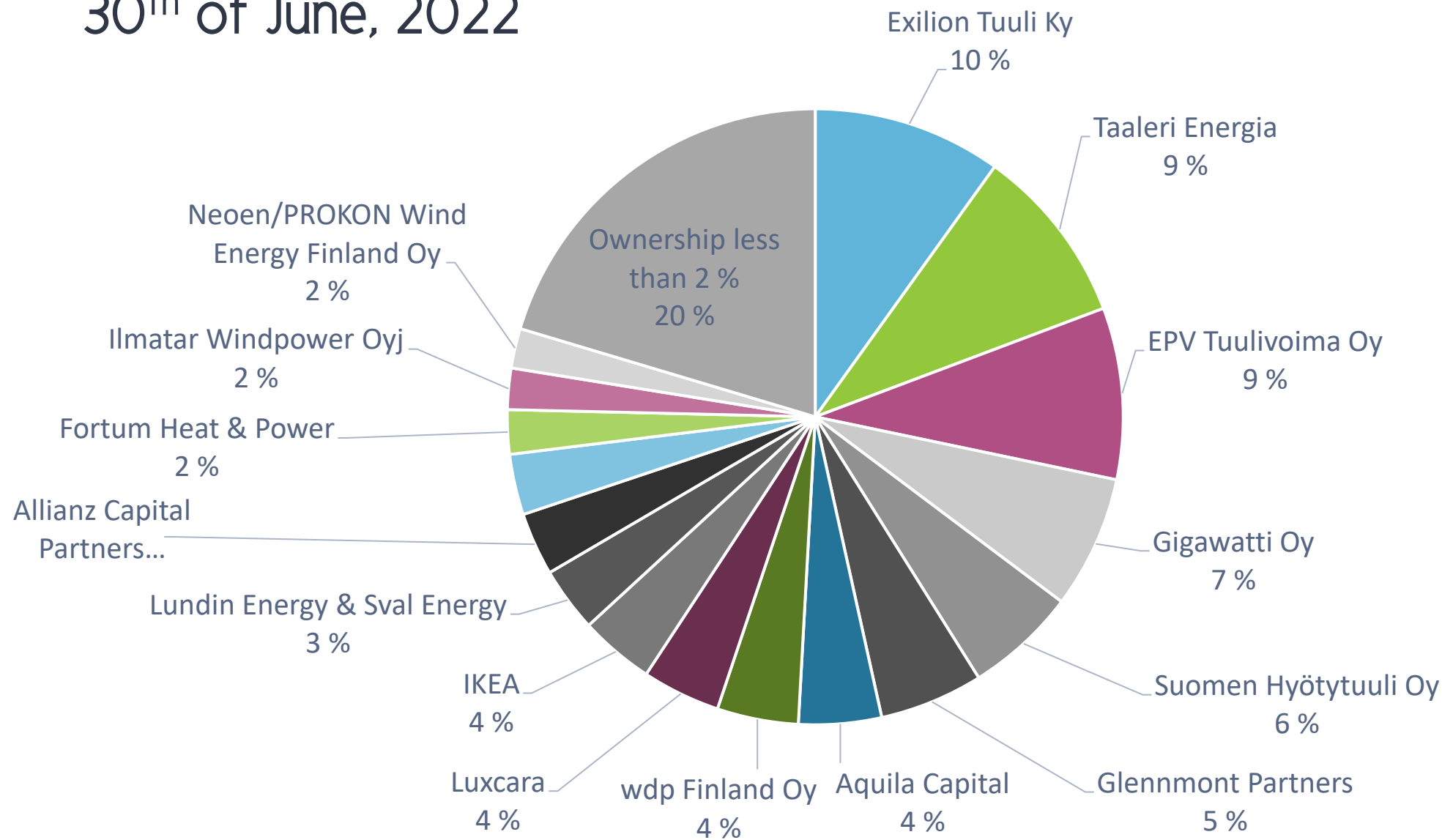
Average hub height of installed turbines (m)



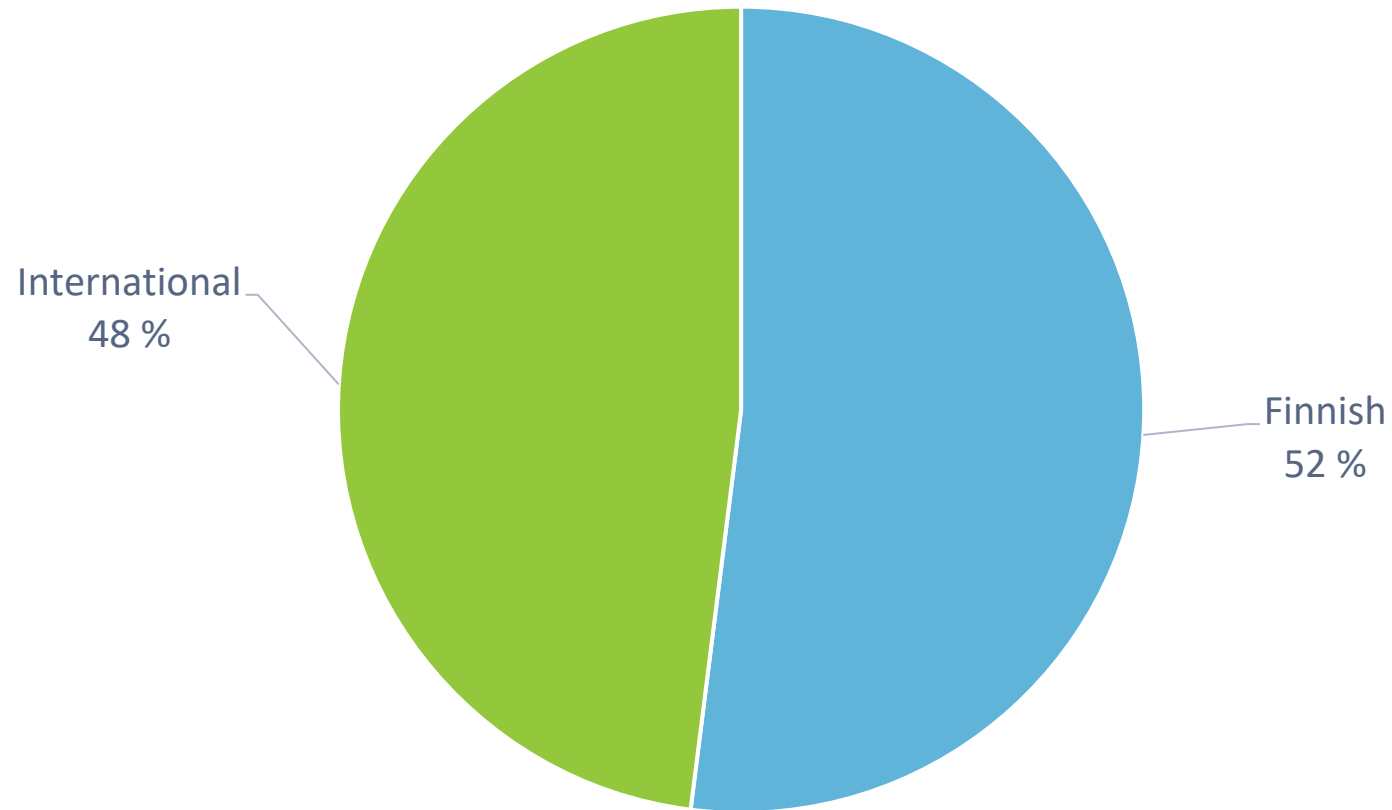
Average rotor diameter length (m) of installed turbines



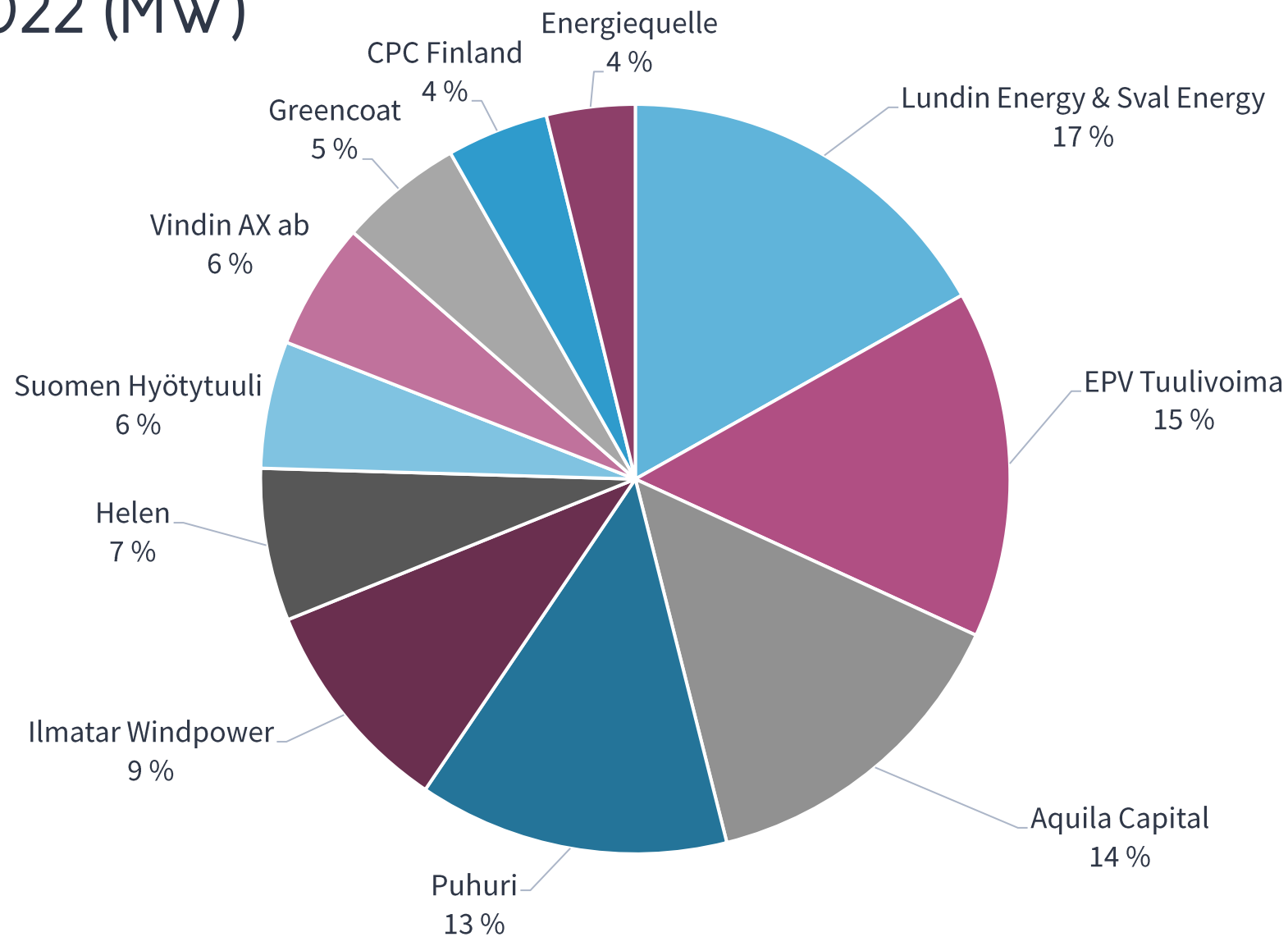
Owners – shares of cumulative capacity (MW) on 30th of June, 2022



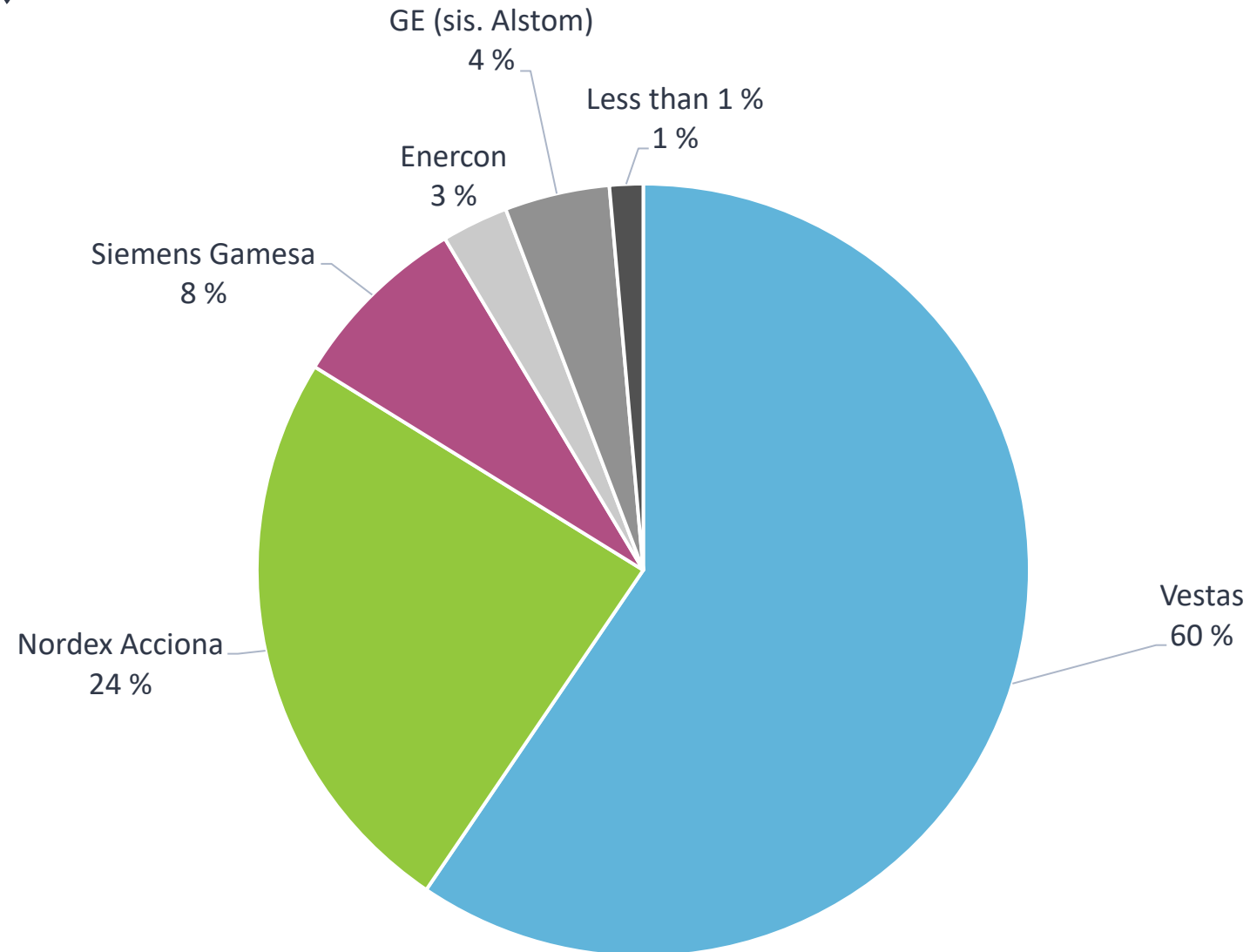
Shares of domestic and foreign owners 30th of June 2022 - cumulative capacity



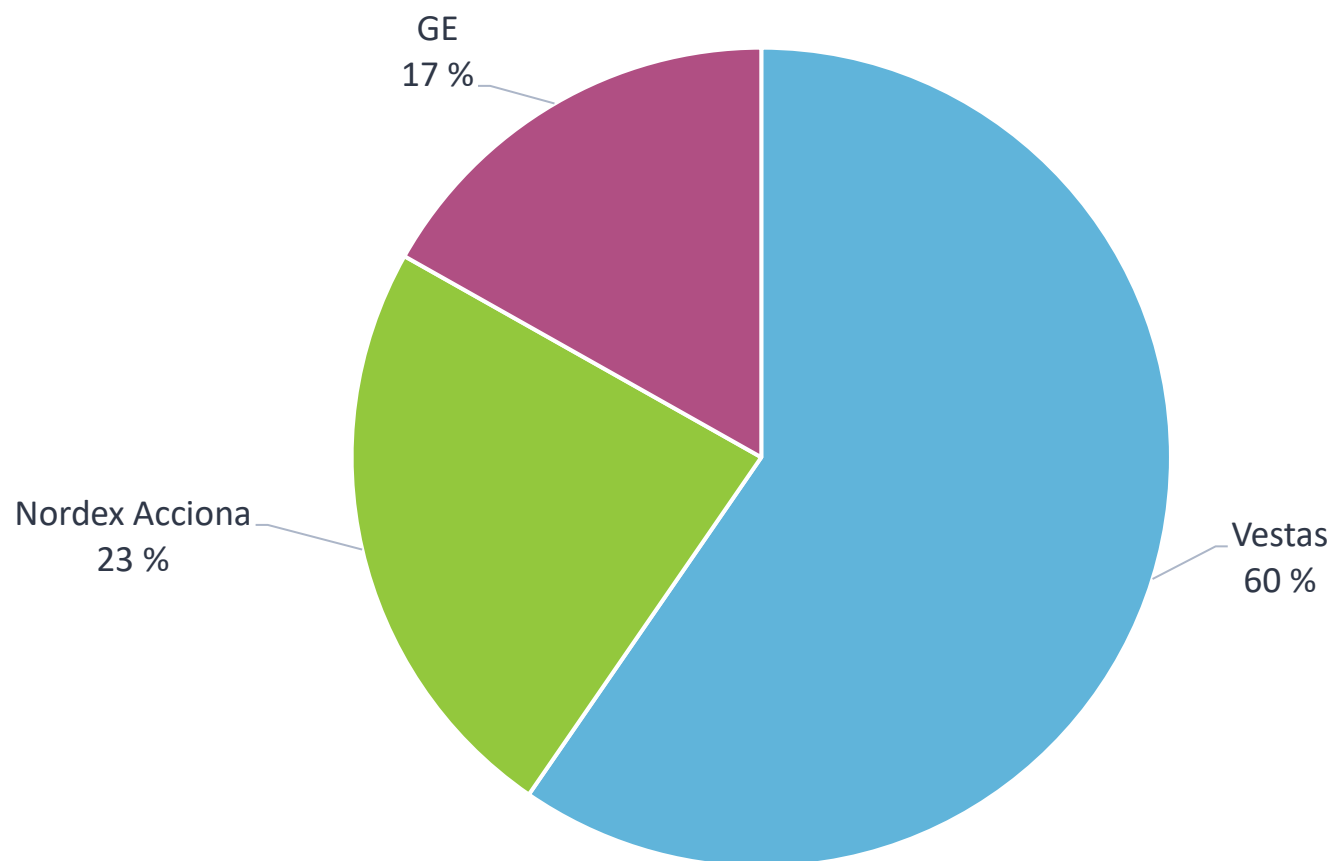
Owners – shares of capacity installed between 1.1. and 30.6.2022 (MW)



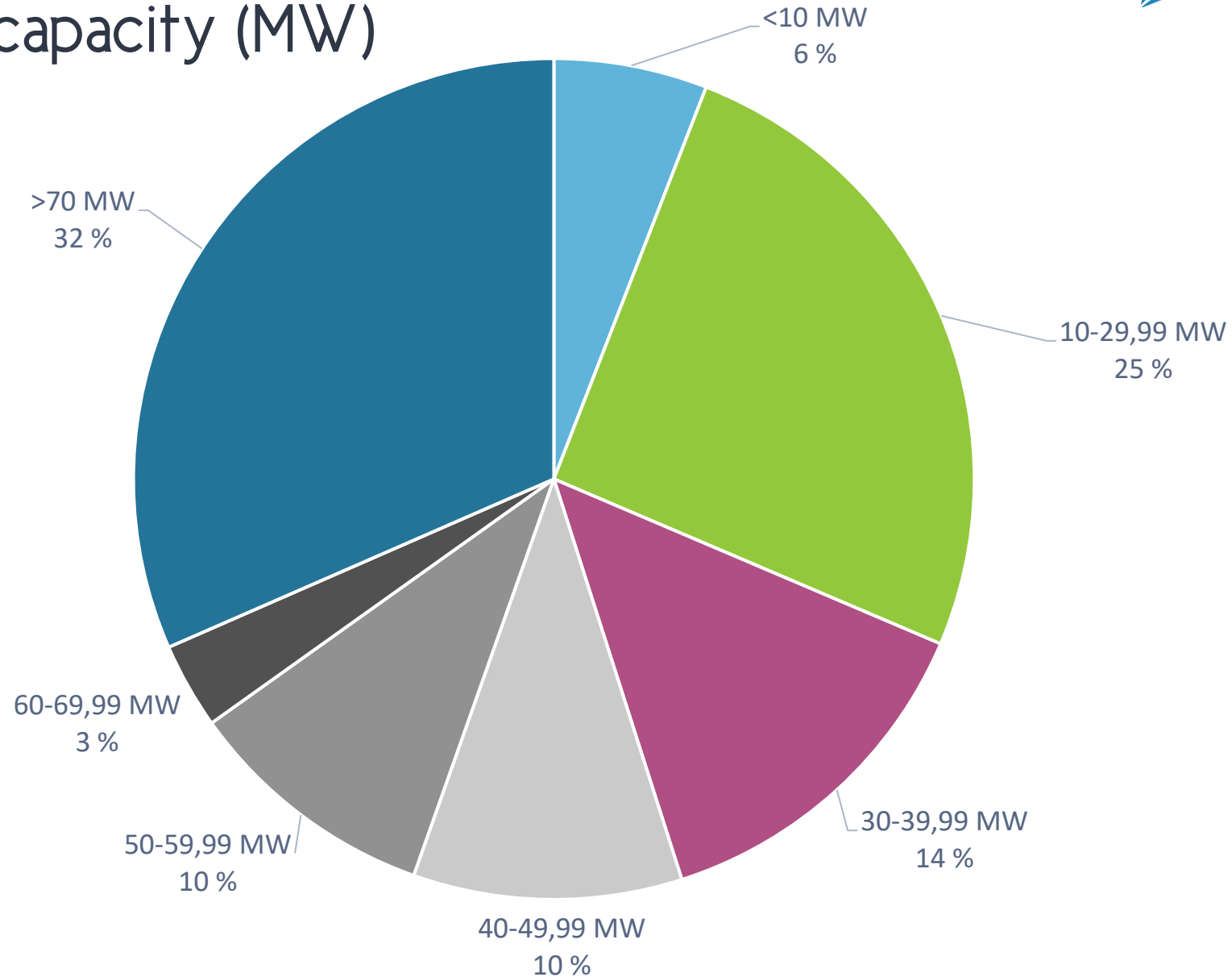
Wind turbine suppliers – shares of cumulative capacity (MW) 30.6.2022



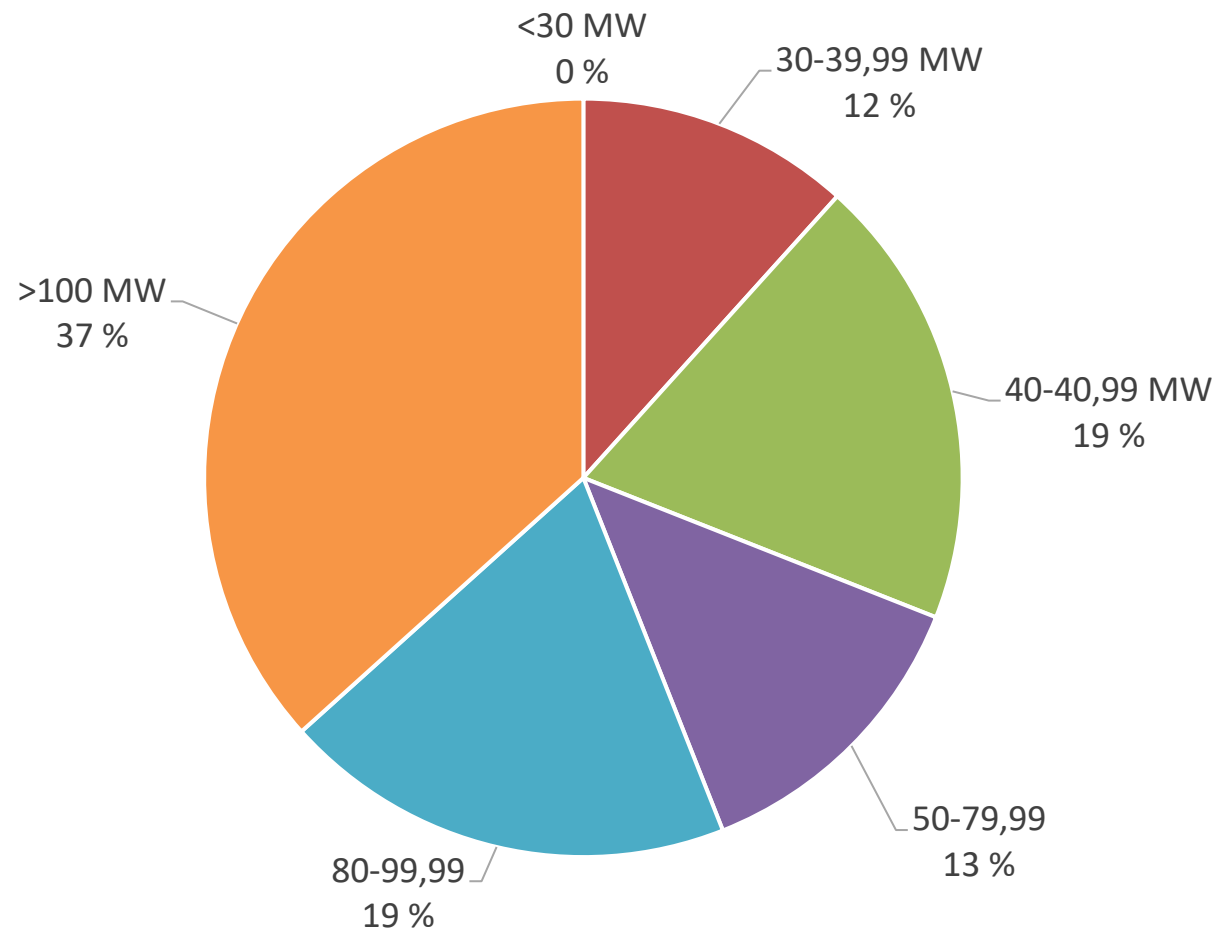
Wind turbine suppliers – shares of capacity (MW) that came online between 1.1. and 30.6.2022



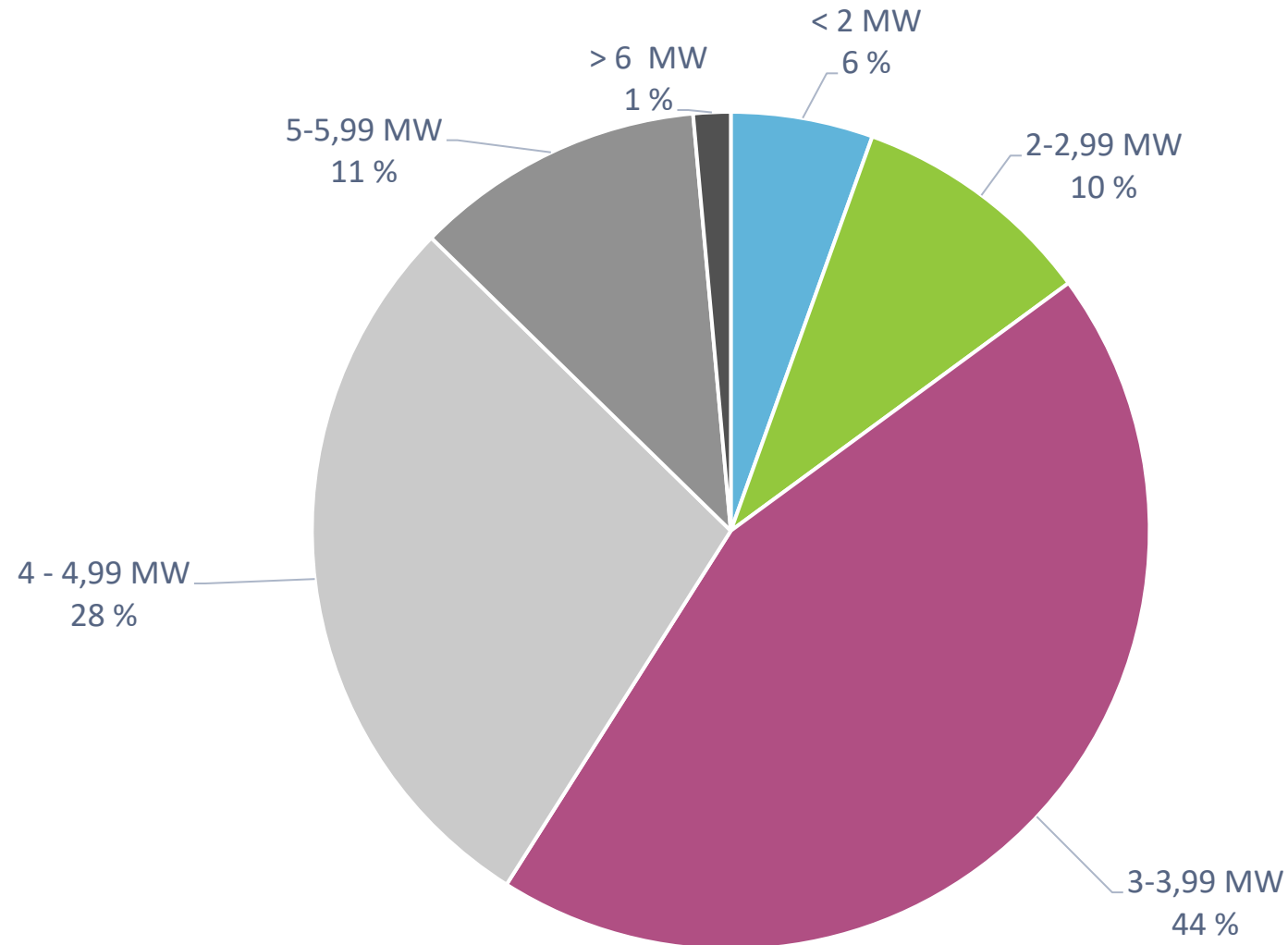
Shares of wind farms in different size categories – cumulative capacity (MW)



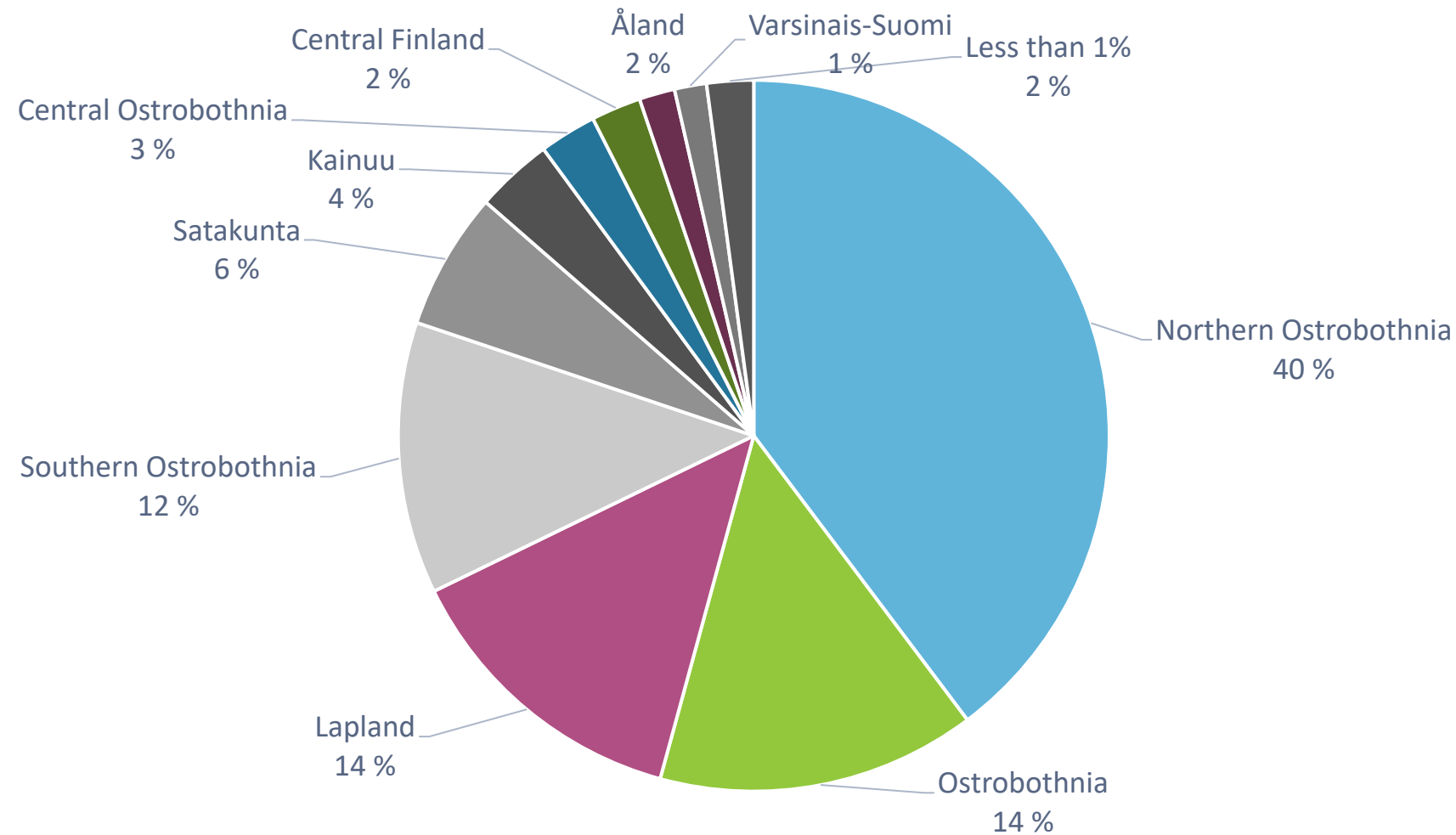
Shares of wind farms in different size categories – capacity that came online 1.1.–30.6.2022 (MW)



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

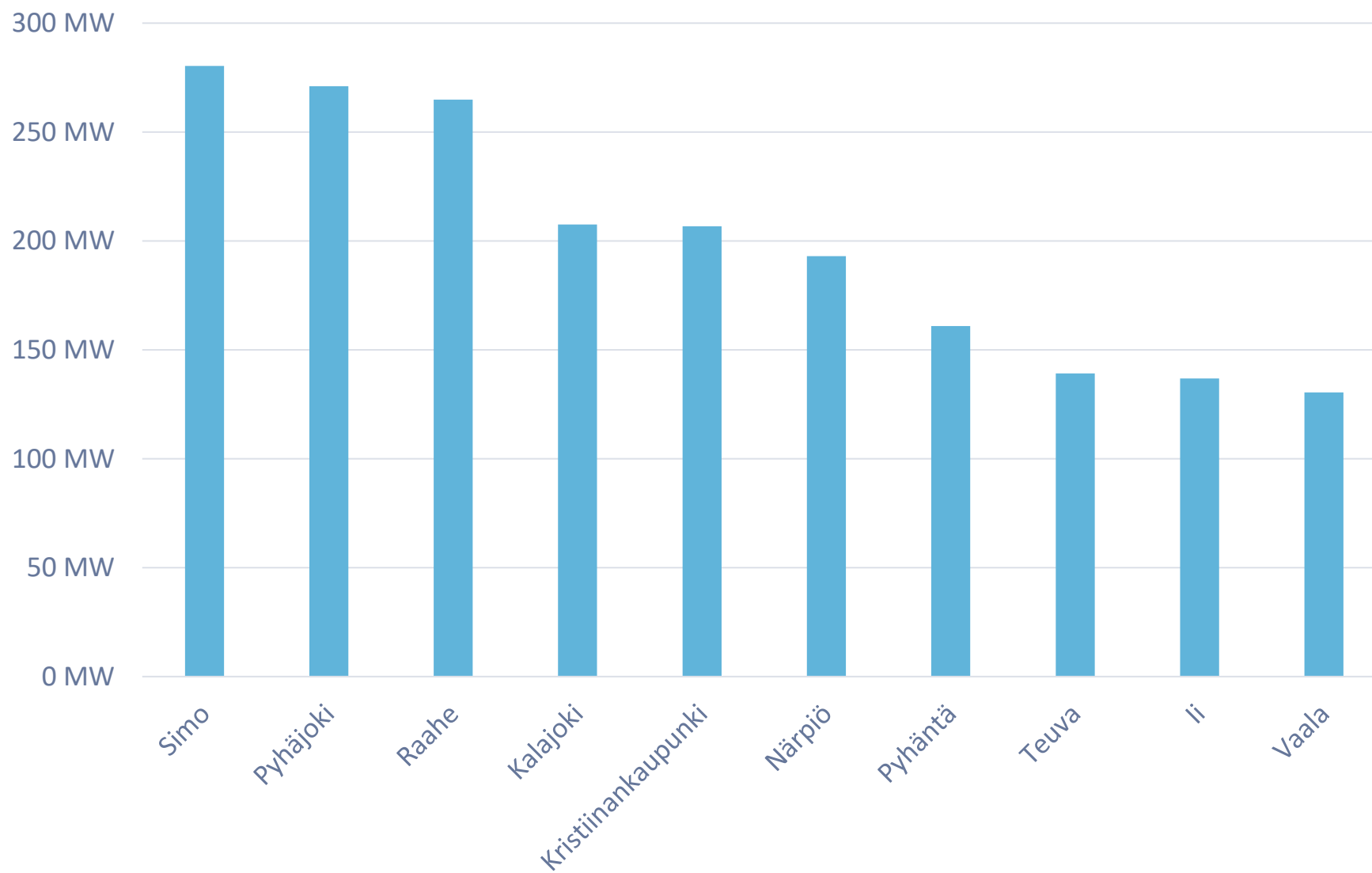


Cumulative wind power capacity by region (MW) 30.6.2022

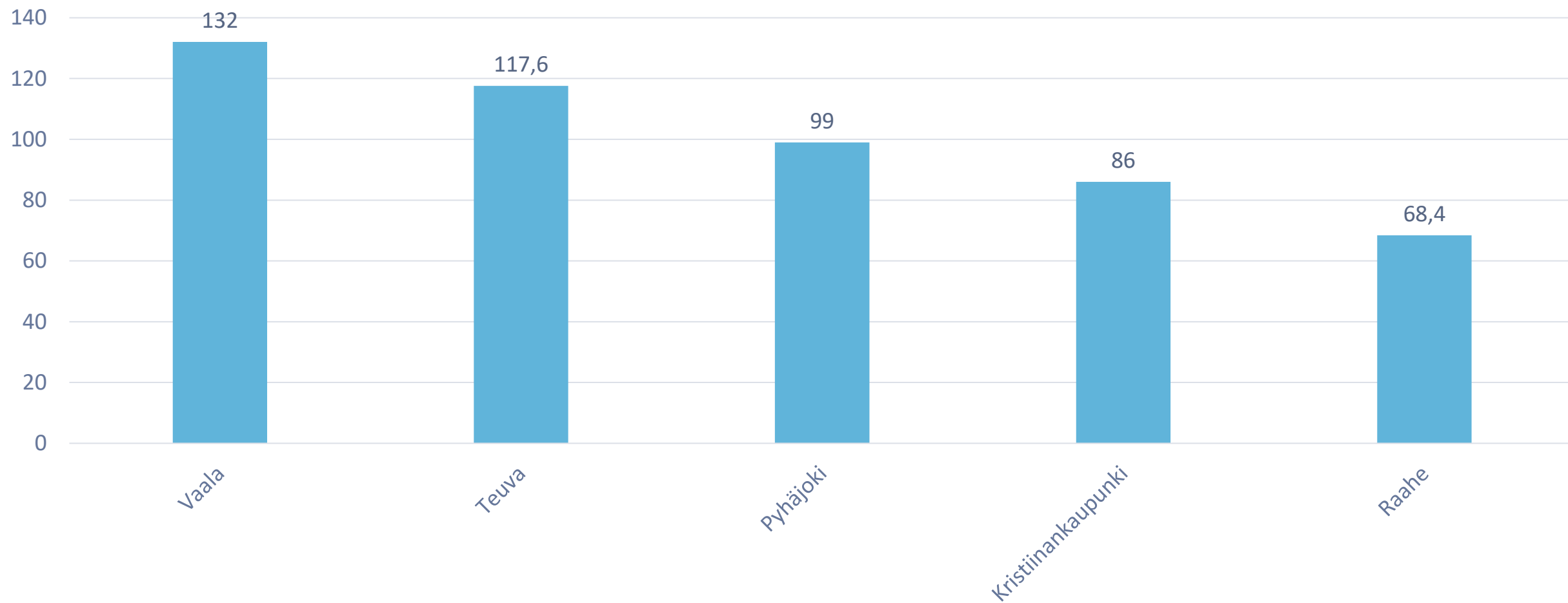


Top 10 municipalities – cumulative capacity (MW)

30.6.2022



Installed capacity 1.1.-30.6.2022 - top 5 municipalities (MW)



Finnish Wind Power Association (FWPA)

- Membership association that promotes wind power, established in 1988
- About 180 company members, about 20 individual members, about 140 support members
 - A comprehensive mix of companies working in the wind power sector
- 5 full-time employees
- Located in Jyväskylä
- Distributes information about wind power, engages actively in public discussion concerning wind power, publishes magazine “Tuulivoima”, etc.
<http://tuulivoimayhdistys.fi/en/>