

The Finnish Green Recovery Plan: Role and Opportunities for Wind Energy

Finnish Wind Power Association

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Finnish Wind Power Association (STY, FWPA)



- Leading industry association, founded 1988
- App. 150 company members, 20 professional private members, 170 supportive members
- 4 employees
- HQ in Jyväskylä
- Wind Finland Oct 7th 2020

www.tuulivoimayhdistys.fi
www.fwpa.fi
www.windfinland.fi
www.tuulivoimalehti.fi



← **Anni,**
CEO,
lobbying



Heidi →
PR, events,
journalists,
lobbying,
members



← **Anna**
communications



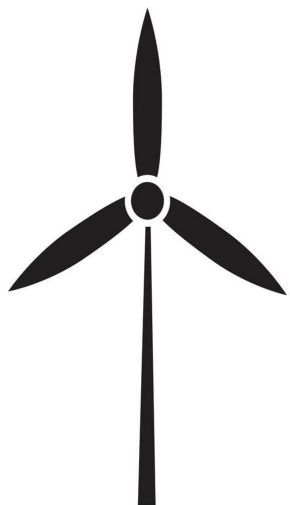
Saara, →
memberships,
events

Finnish wind power in a nutshell: Wind Power 2.0

- Vivid market: all new investments are market-based with no subsidies
- In big picture well-functioning permitting process
- Capacity is to double within coming years
- Good wind condition and plenty of room for new projects
- Challenge with military radars needs to be overcome
- Challenge with long handling times of administrative courts
- Loads of component manufacturing and exporting, also on service sector

Wind power in Finland

- Onshore + offshore (end of 2019)



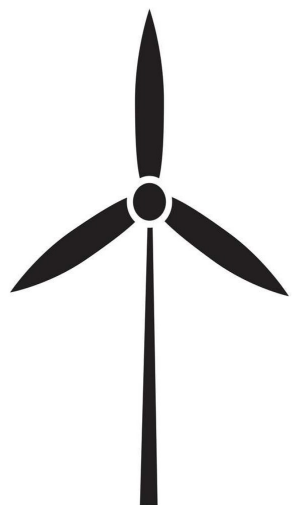
X 754 MW 2284



Photo: Hannele Holttinen

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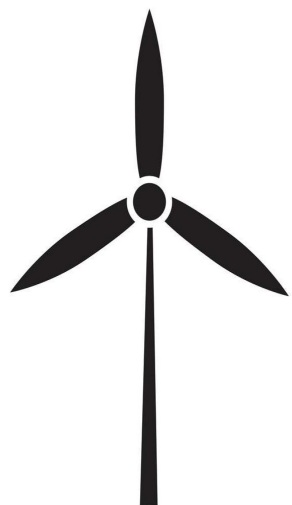
7%
of consumption



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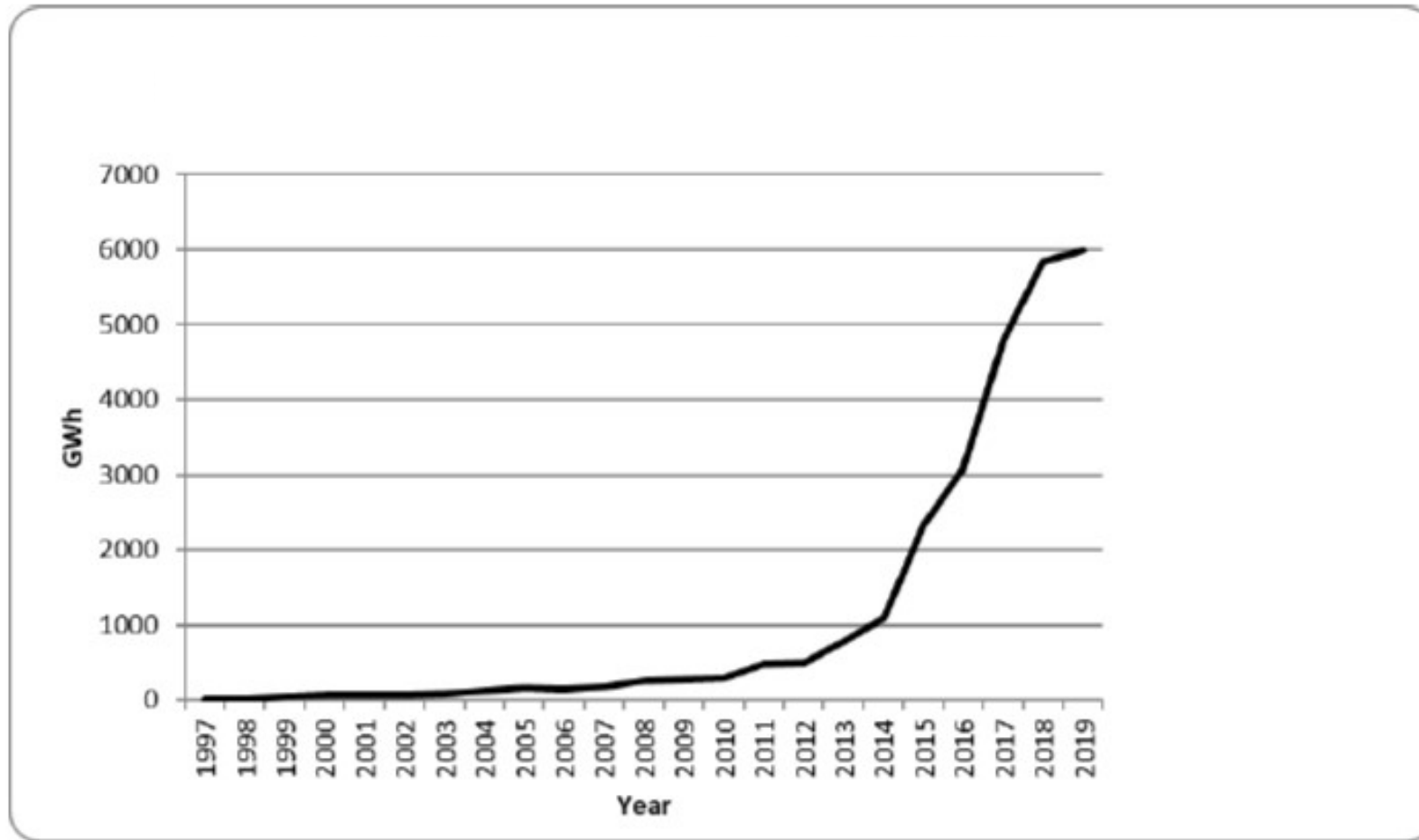


17 %
in 2023

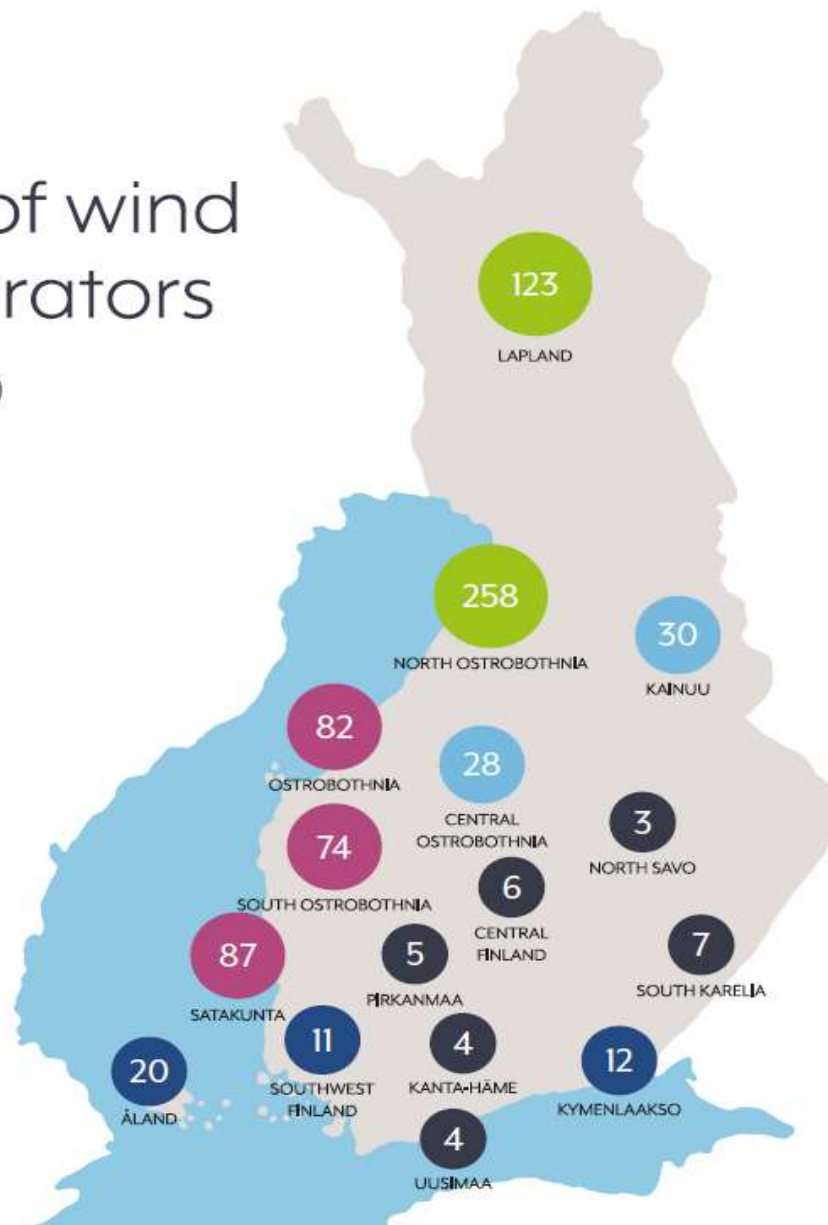
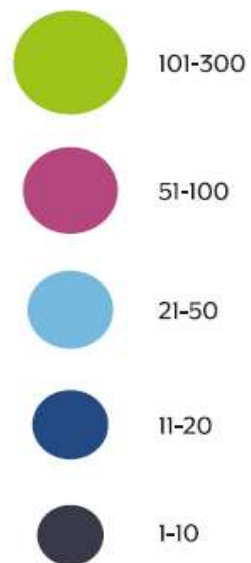


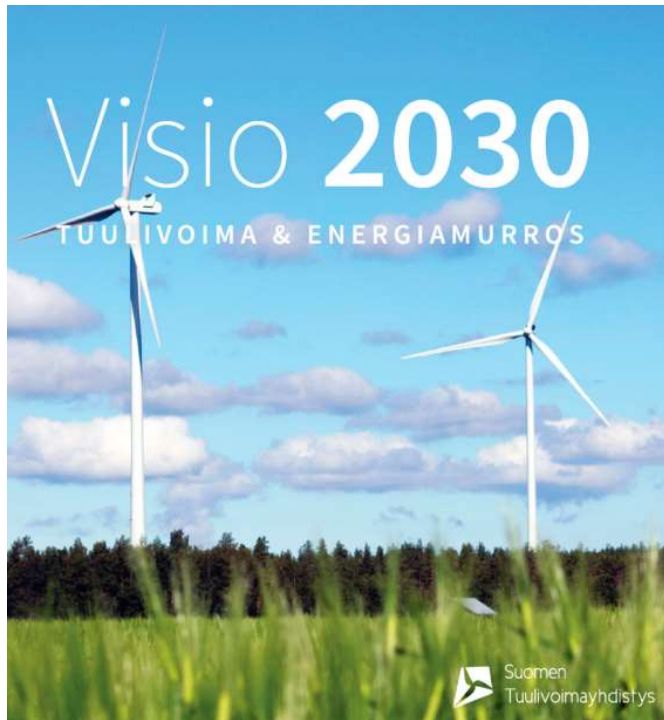
Photo: Hannele Holttinen

Finnish wind power production (GWh)



Distribution of wind turbine generators by region (2019)





FWPA vision: 30 – 30 – 30

2030

30 TWh annual
production

30 % of total
consumption

Finnish wind sector has potential to
grow and deliver, supported by:



Permitting

Regional authorities have been granted extra funds for human resources

Finnish wind sector has potential to grow and deliver, supported by:



Co-existence with
military radars

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Interconnectors and transmission lines



Suomen Tuulivoimayhdistys

Large & interconnected energy markets

Energy market & grid

Remaining as one price area

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Energy transition

Demand response & energy storage solutions

Hydrogen solutions

Sector coupling & electrification

Transport

Heating



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EU Recovery and Resilience Instrument – Green Recovery emphasis?





WIND

Wind Finland 2020

Virtual event at Brella on Oct 7th

WWW.WINDFINLAND.FI