



FINNISH
GOVERNMENT

Keynote: Finland – a Forerunner in Clean Energy

Kai Mykkänen, Minister of Climate and the Environment

Wind Finland Offshore 2024
14th May. 2024

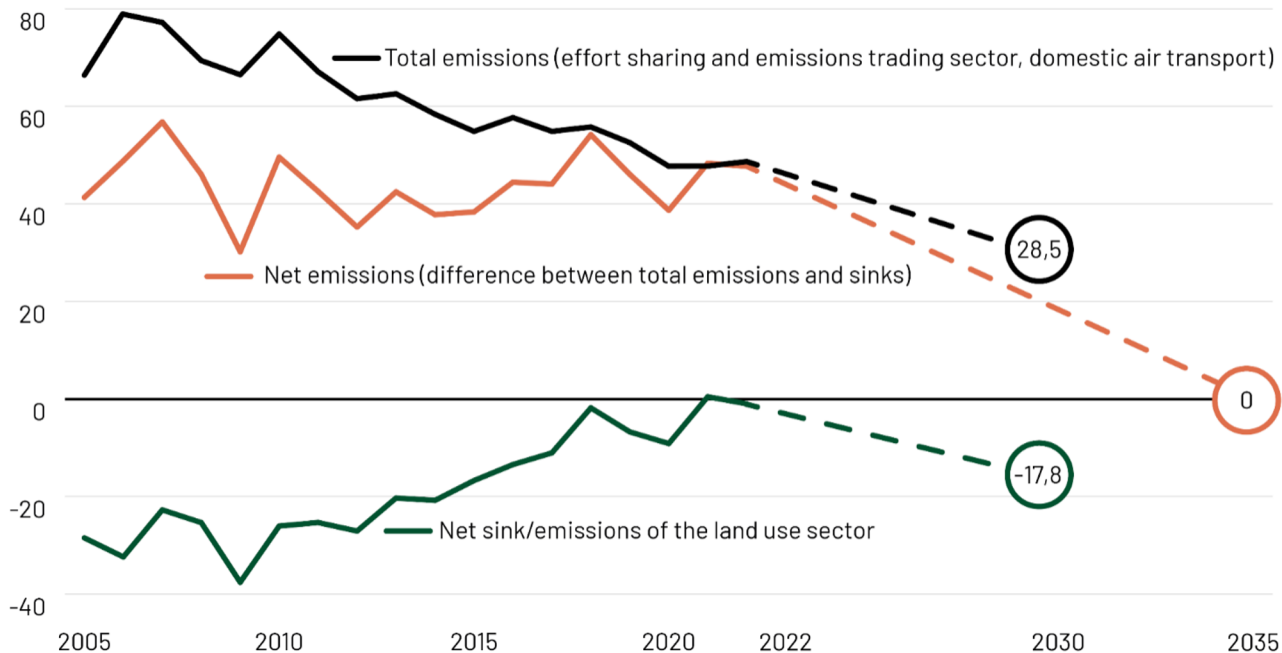
Climate and Energy policy

” Finland will use effective and sustainable means to increase its climate handprint and proceed towards carbon neutrality”



Finland's greenhouse gas emission trends

100 Million tonnes of carbon dioxide equivalent



The emissions should be equal to the sinks by 2035 for Finland to achieve its climate neutrality target.

Annual Climate Report data for 2022 are based on Statistics Finland's proxy estimates, which will be specified later.

How and why should we make Finland a clean energy superpower?

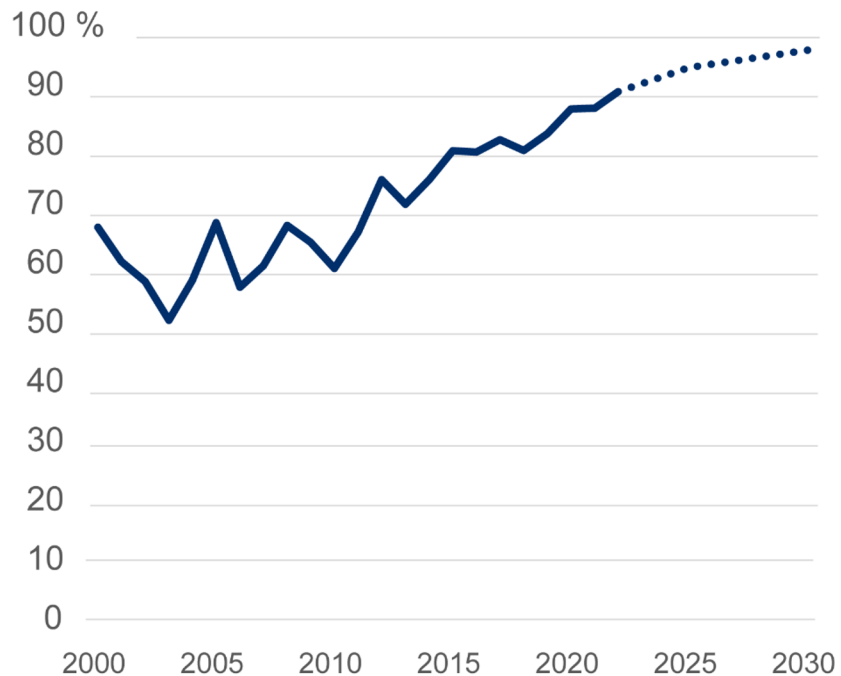
Carbon neutral
Finland

Fossil-free heating
and industry

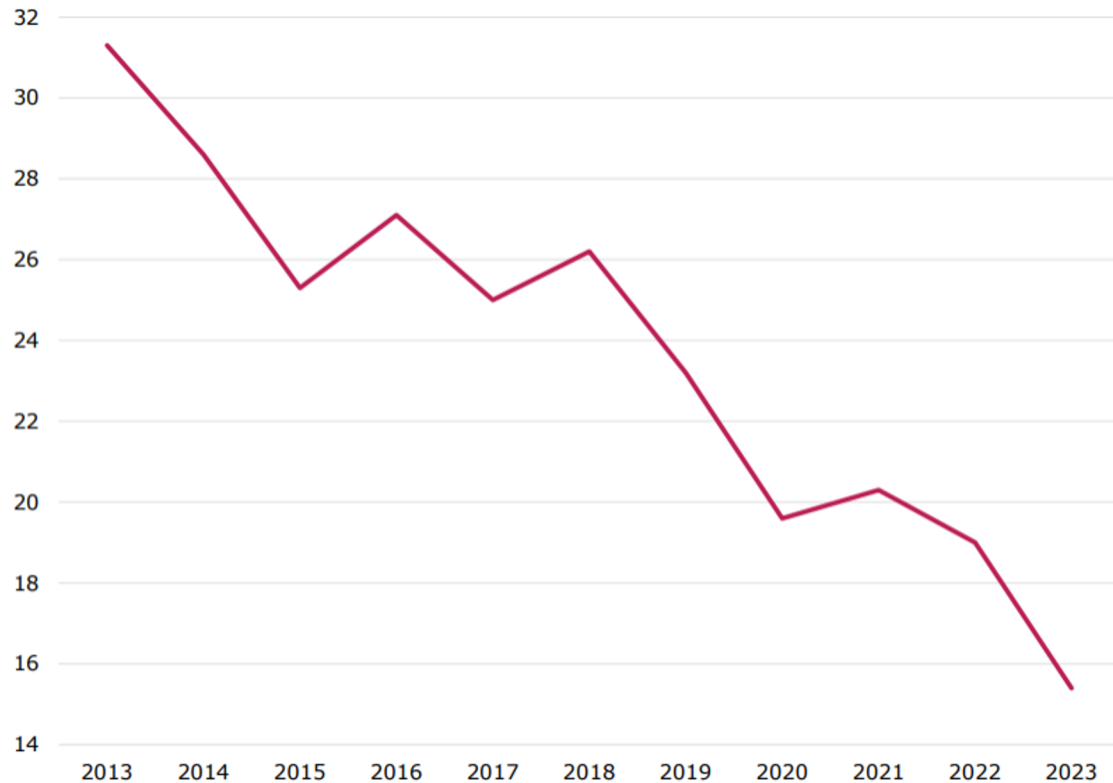


Clean electricity

Share of zero-emission electricity in production



The total emissions of Finnish facilities included in the EU emissions trading system

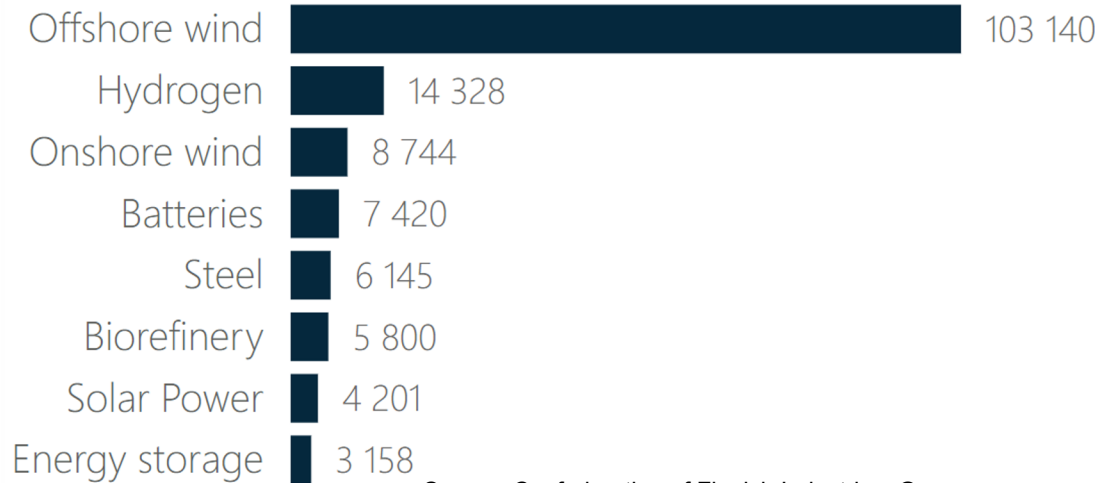


* Source: Energiavirasto /
Finnish Energy Authority

Immense investment potential in offshore wind power

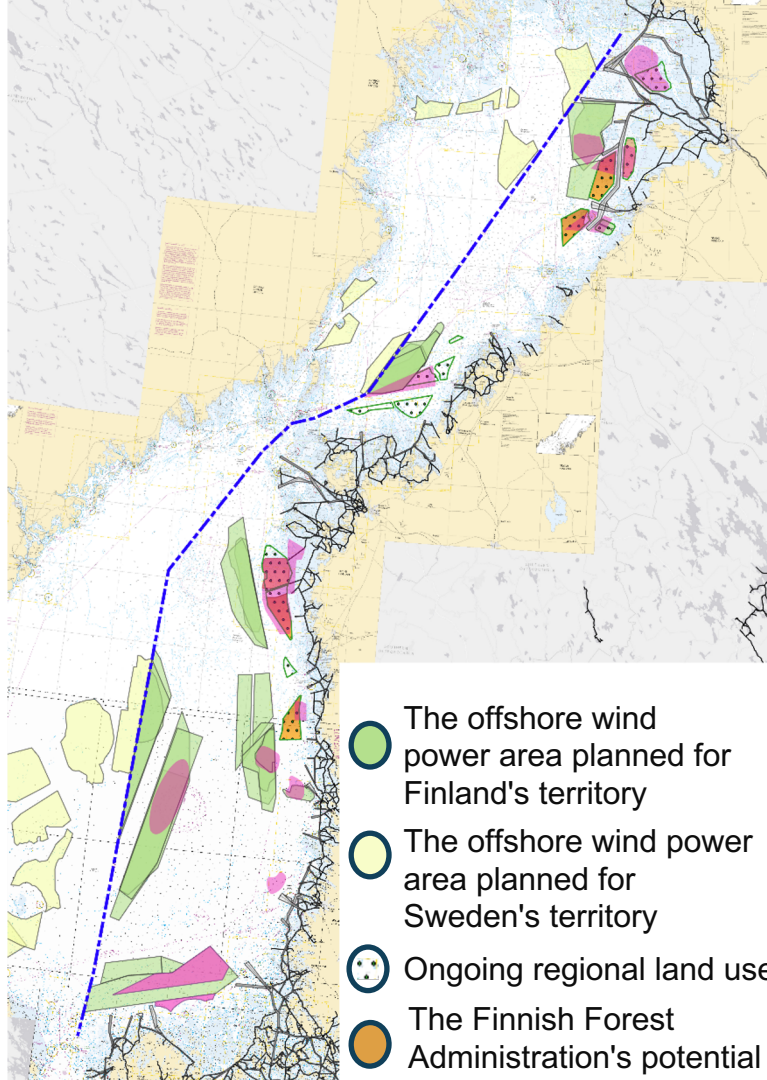






Investment amount (M€) by theme

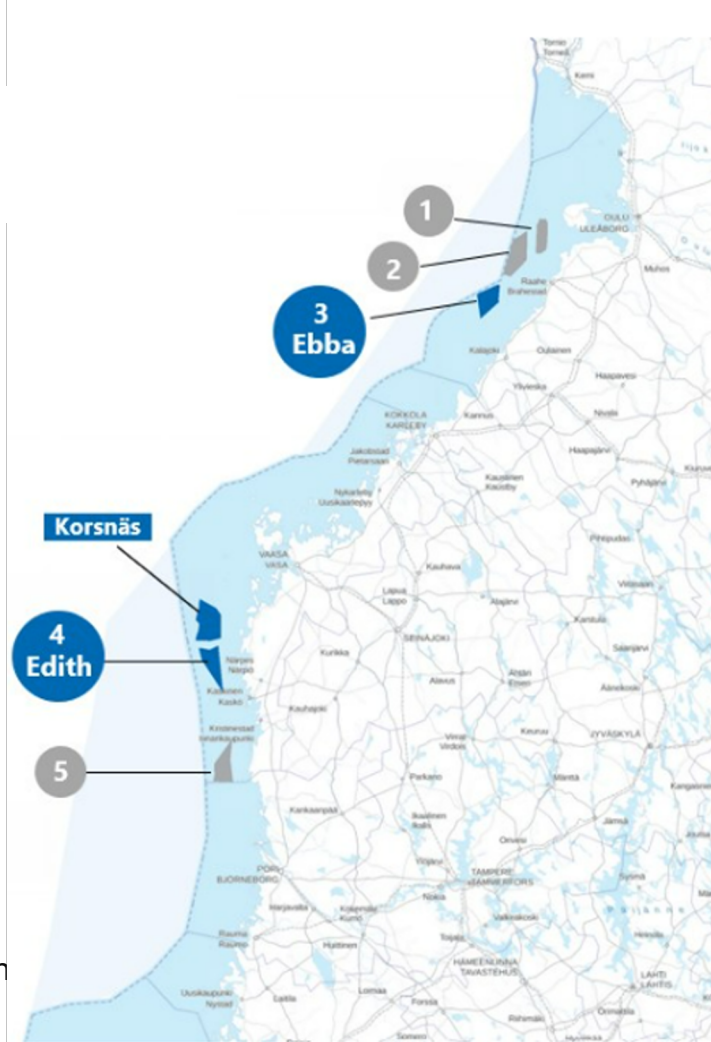


Source: Confederation of Finnish Industries, Green Transition Data Dashboard (updated 26th April 2024)



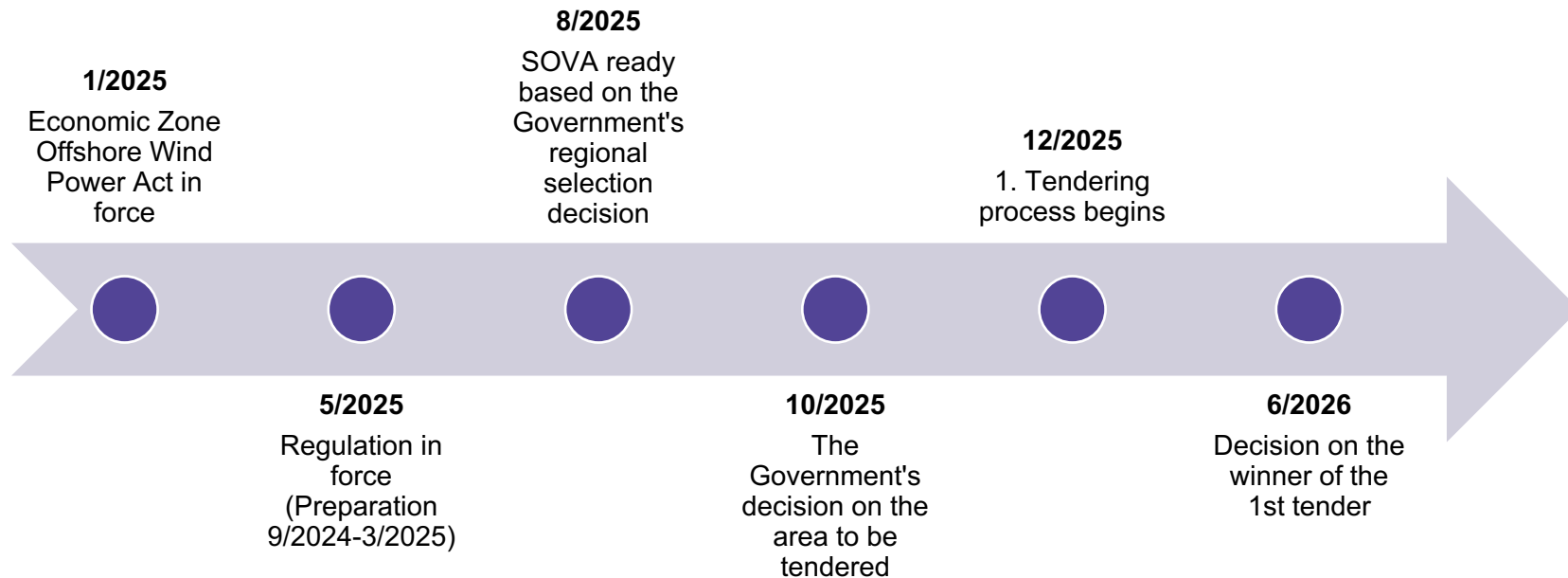


-  The offshore wind power area planned for Finland's territory
-  The offshore wind power area planned for Sweden's territory
-  Ongoing regional land use planning
-  The Finnish Forest Administration's potential



source: Traficom

Tendering schedule



Separate Act concerning offshore wind power in the Finnish economic zone

Stages of the legislative process (estimated timetable)



June 16, 2023

Objectives of the Government Program

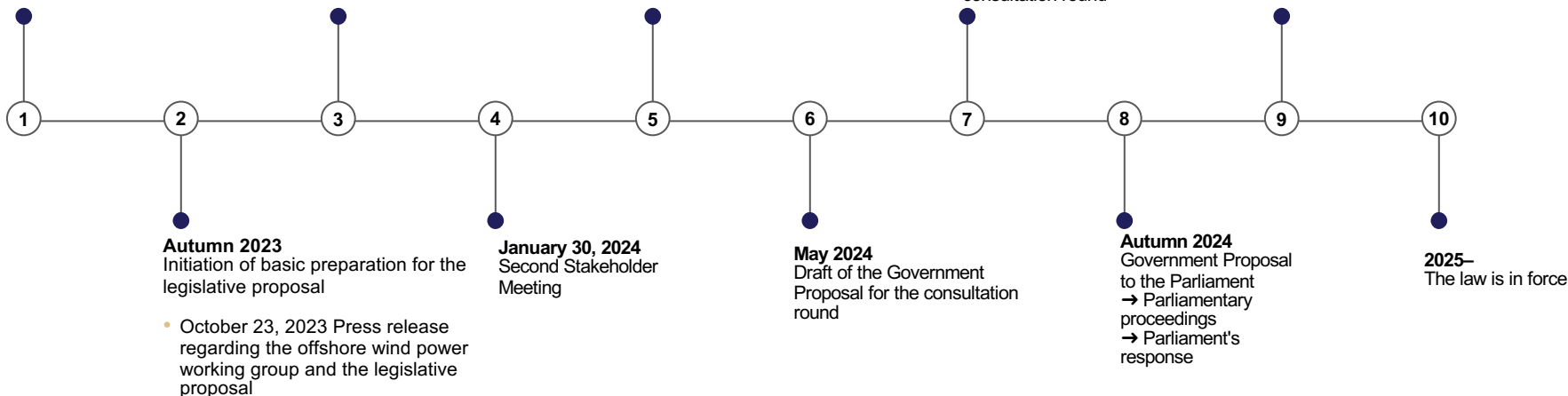
- Ambitious promotion of offshore wind power construction
- Clarification of the regulations for offshore wind power (legislative proposal)

December 1, 2023
First Stakeholder Meeting

February 2024
Discussions with project developers (+other stakeholders)

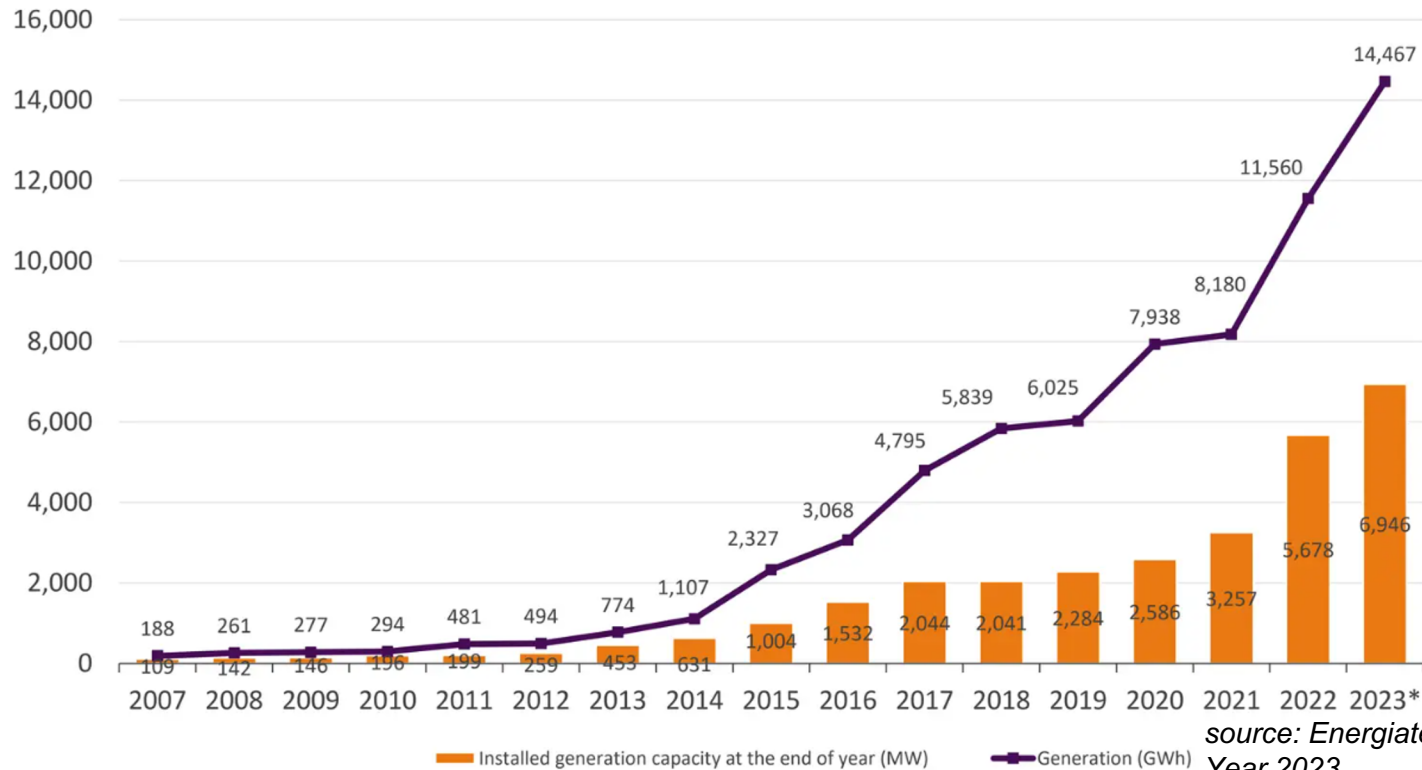
July 2024
Finalization of the Government Proposal based on the feedback from the consultation round

January 1, 2025
New law comes into effect at the earliest



Last year wind power production increased by 25% in Finland

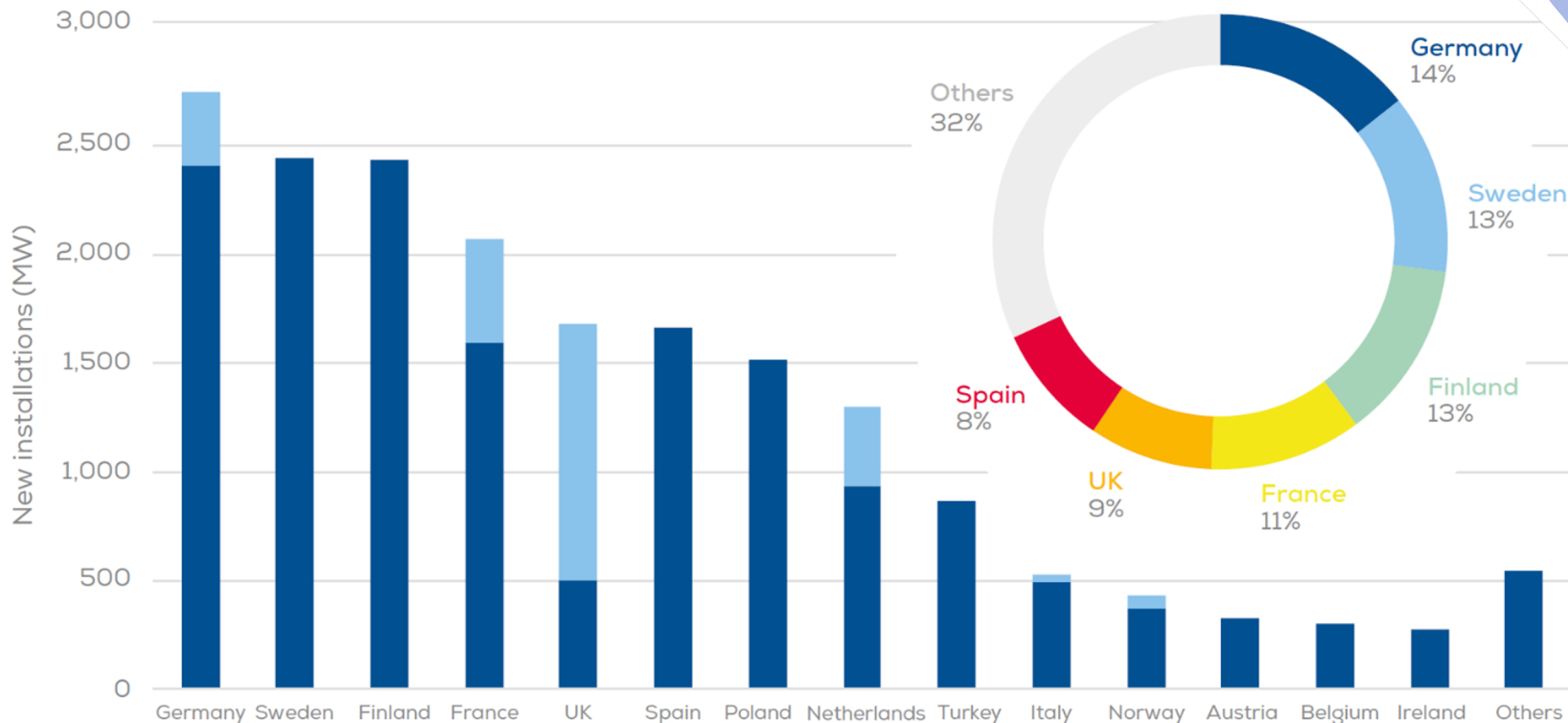
MW and GWh



source: *Energiateollisuus, Energy Year 2023*

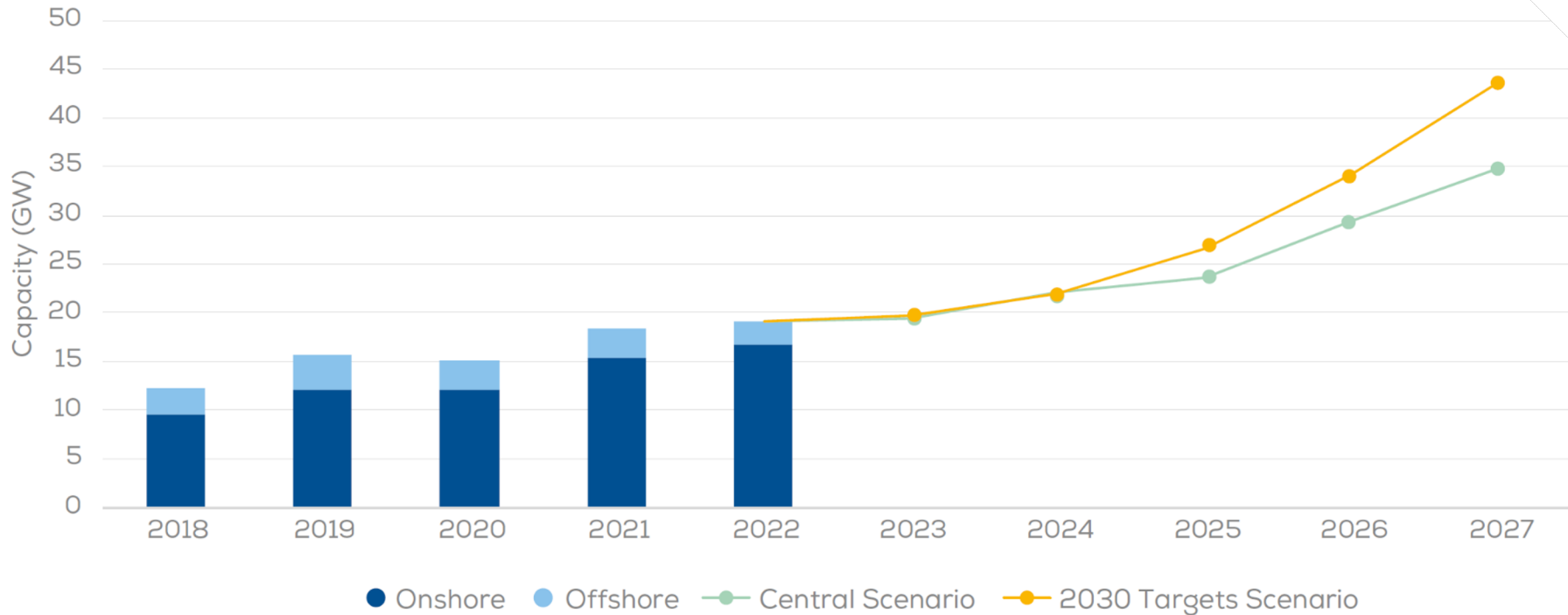


New wind installations in Europe per country in 2022



● Onshore	2,403	2,441	2,430	1,590	502	1,659	1,517	933	867	496	372	328	303	280	546
● Offshore	342	0	0	480	1,179	0	0	369	0	30	60	0	0	0	0

New installations in Europe – WindEurope’s scenarios



Source: WindEurope

Thank you!



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