



Wind power projects in Finland

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Disclaimer

The information on this presentation is based on information provided to Renewables Finland by project owners and developers. Ramboll Finland Oy and Renewables Finland are not responsible for possible errors in the provided data.

This presentation includes information and updates until December 2025. Any project updates that have occurred or have been reported after December 2025 will be included in the summer 2026 update.

This presentation uses the exact data provided by the project developers in excel format. To ease the review of the data, the numbers have been rounded out where necessary. However, the total "sum" on each table comes from the excel data directly, using exact values. Therefore, the sums presented in this presentation can differentiate slightly from the sum of the parts presented on the same table.

In the lists of top ten municipalities and regions, projects which are located in two or more municipalities or regions are counted for both municipalities or regions as a whole (i.e. there is no distinction between division of turbines or capacities). If the project has more than one owner or developer, these projects have also been counted as a whole for all parties.

Onshore wind power projects in development



Onshore wind power in Finland

Onshore wind power project stage	Projects (number)	Capacity (MW)	Turbines
Identified project	49	6 542	833
Permitting / studies ongoing	301	45 121	5 299
Permitted	43	3 672	574
Under construction	8	982	142
SUM	401	56 317	6 847

The largest project
1 200 MW

The smallest project:
4 MW

Average project size:
143 MW

Onshore wind power in Finland

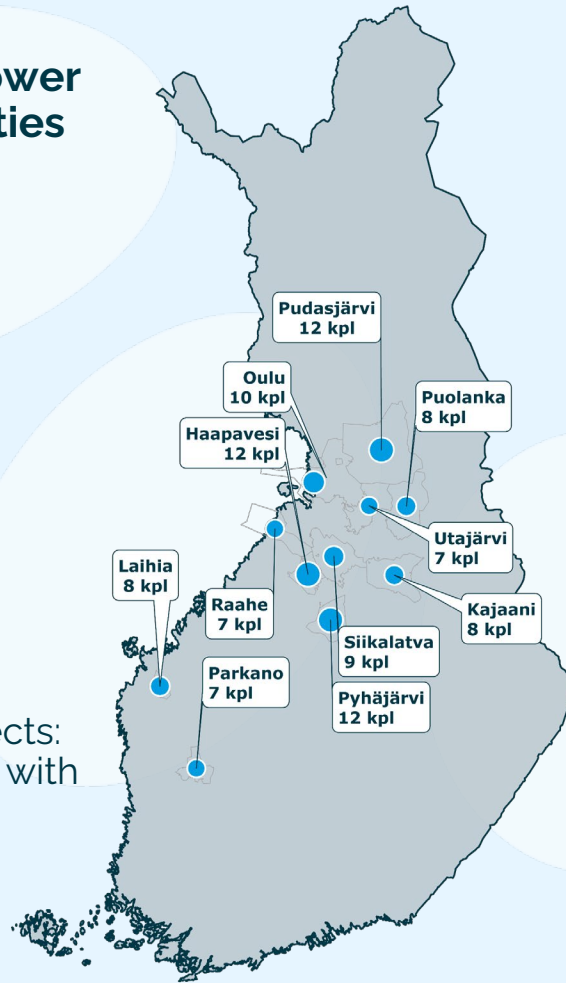
Land use planning status	Projects	MW	Turbines
No status information given	21	1 278	187
Not required / STR	1	9	3
Not started yet	28	4 778	594
Land use planning started	154	25 209	2 997
LUP draft	62	9 010	1 046
LUP proposal	54	8 019	894
LUP approved	81	8 014	1 128
SUM	401	56 317	6 847

EIA status	Projects	MW	Turbines
No EIA information given	38	1 745	278
Not required	32	952	148
Not started yet	52	9 658	1 174
EIA process ongoing	136	23 960	2 786
EIA process completed	143	20 004	2 463
SUM	401	56 317	6 847

Onshore wind power projects on a map

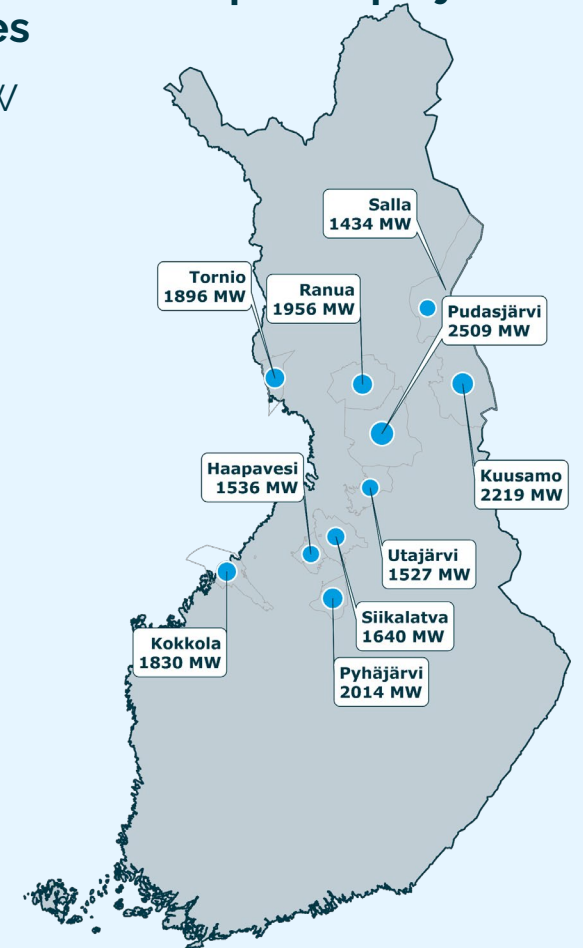
Number of onshore wind power projects – top 11 municipalities

1. Pyhäjärvi - 11 (1) projects
2. Pudasjärvi - 11 (1) projects
3. Haapavesi - 11 (1) projects
4. Oulu - 10 projects
5. Siikalatva - 9 projects
6. Kajaani - 8 projects
7. Puolanka - 7 (1) projects
8. Laihia - 7 (1) projects
9. Municipalities with 7 (0) projects: Raahel, Utajärvi, and Parkano with 4 (3) projects.



Cumulative capacity of onshore wind power projects (MW) - top 10 municipalities

1. Pudasjärvi – 1 809 (700) MW
2. Kuusamo – 2 219 MW
3. Pyhäjärvi – 1 264 (750) MW
4. Ranua - 1 956 MW
5. Tornio – 996 (900) MW
6. Kokkola - 1 610 (220) MW
7. Siikalatva – 1 640 MW
8. Haapavesi – 1 465 (71) MW
9. Utajärvi – 1 527 MW
10. Salla – 1 434 MW



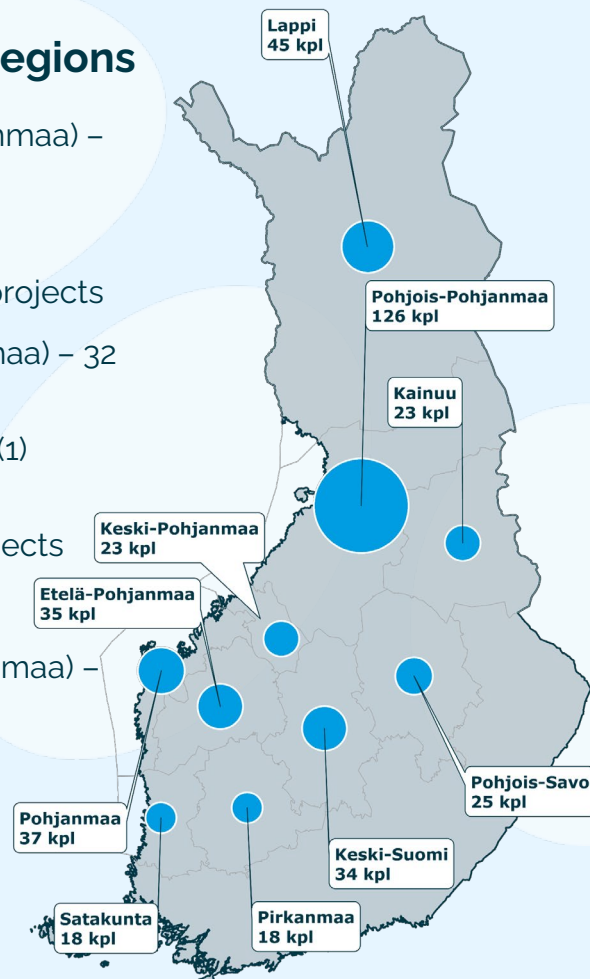
The parenthesis "()" represent instances when a municipality was marked as "other municipality" on project list.

For example, Pyhäjärvi was marked as main municipality 11 times and as "other municipality" once.

Onshore wind power projects in regions

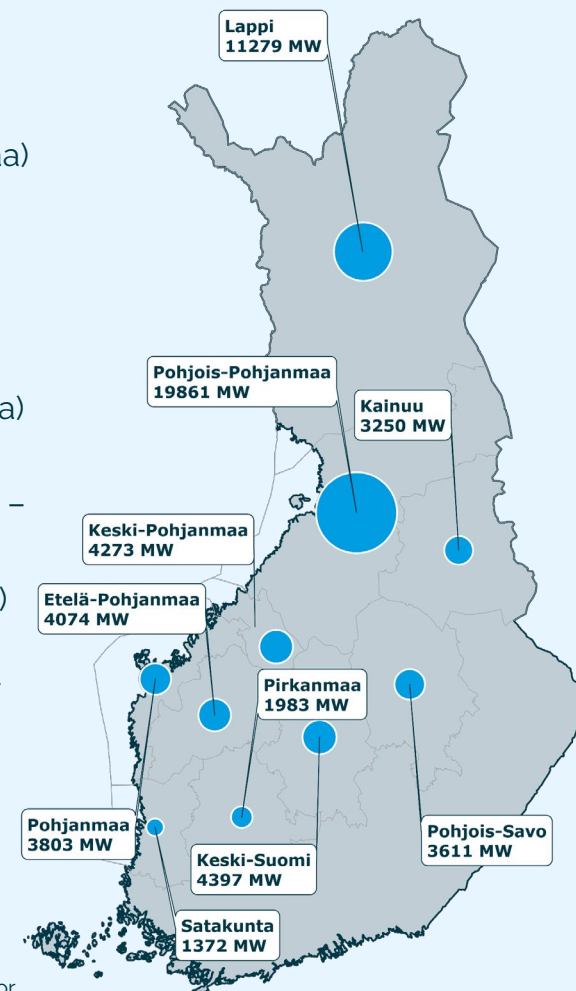
Number of projects– top 10 regions

1. North Ostrobothnia (Pohjois-Pohjanmaa) – 123 (3) projects
2. Lapland (Lappi) – 45 projects
3. Ostrobothnia (Pohjanmaa) – 36 (1) projects
4. South Ostrobothnia (Etelä-Pohjanmaa) – 32 (3) projects
5. Central Finland (Keski-Suomi) – 33 (1) projects
6. North Savo (Pohjois-Savo) – 25 projects
7. Kainuu - 23 projects
8. Central Ostrobothnia (Keski-Pohjanmaa) – 22 (1) projects
9. Satakunta - 18 projects
10. Pirkanmaa – 17 (1) projects



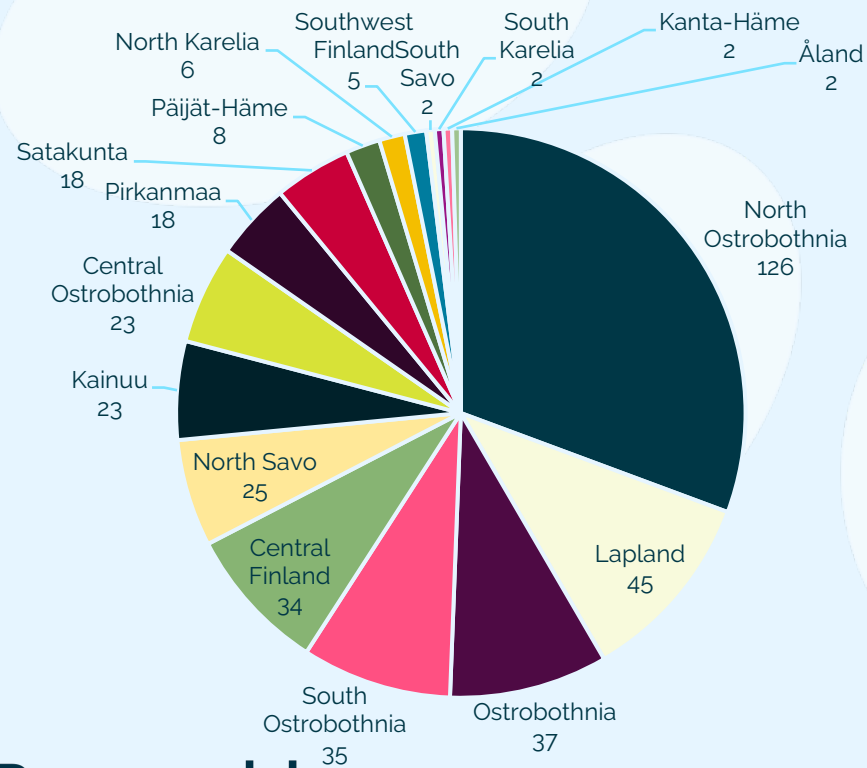
Cumulative capacity (MW) – top 10 regions

1. North Ostrobothnia (Pohjois-Pohjanmaa) – 18 324 (1 537) MW
2. Lapland (Lappi) – 11 279 MW
3. Central Finland (Keski-Suomi) – 3 647 (750) MW
4. Central Ostrobothnia (Keski-Pohjanmaa) – 4 133 (140) MW
5. South Ostrobothnia (Etelä-Pohjanmaa) – 3 780 (294) MW
6. Ostrobothnia (Pohjanmaa) – 3 703 (100) MW
7. North Savo (Pohjois-Savo) – 3 611 MW
8. Kainuu – 3 250 MW
9. Pirkanmaa – 1 868 (115) MW
10. Satakunta – 1 372 MW

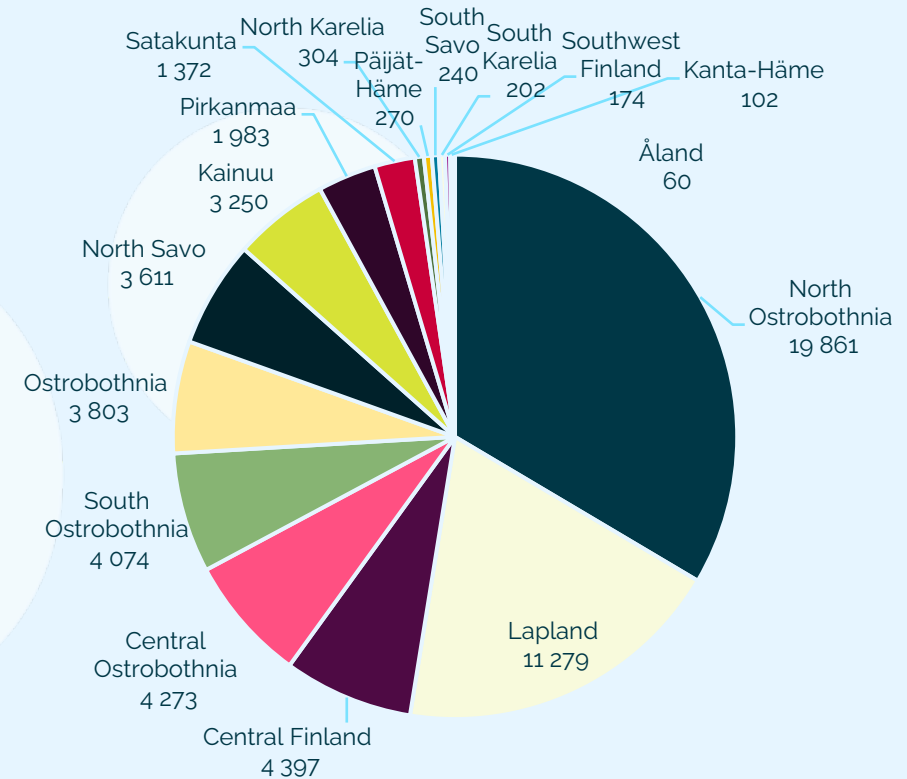


Onshore wind power projects in regions

Total number of projects



Total capacity (MW)



Offshore wind power projects in development



Offshore wind power projects in Finland

Offshore wind project stage (territorial waters)	Projects (number)	Capacity (MW)	Turbines
Identified project	4	4 000	566
Permitting / Studies ongoing	7	8 830	570
Permitted	0	0	0
Under construction	0	0	0
SUM, territorial waters	11	12 830	1 136

This presentation only includes projects located in territorial waters. Projects located in EEZ (Exclusive Economic Zone) are not included in the numbers of this presentation.

The largest project:
2 500 MW

The smallest project:
160 MW

Average project size:
1 283 MW

Offshore wind power projects in Finland

– LUP and EIA in territorial waters

Offshore wind project - LUP	Projects (number)	Capacity (MW)	Turbines
No LUP status information given	3	4 000	265
Not started yet	0	0	0
Land use planning started	4	7 450	476
LUP draft	2	500	341
LUP proposal	0	0	0
LUP approved	2	880	54
SUM	11	12 830	1 136

Offshore wind - EIA	Projects (number)	Capacity (MW)	Turbines
No EIA information given	4	4 000	566
Not required	0	0	0
Not started yet	0	0	0
EIA process ongoing	4	7 450	476
EIA approved	4	1 380	94
SUM	11	12 830	1 136

EEZ offshore projects - research permits

- Some developers have received research permits for EEZ (Exclusive Economic Zone) according to the law previously in place.
- Research permit does not give exclusive rights to the area. Areas will be selected for development according to the bidding process defined in the new law.
- The table on the right lists the offshore projects which have received the research permits for the EEZ and have the EIA process ongoing or completed.

Offshore project (research permits for EEZ)	EIA status
Halla	EIA-process competed. Reasoned conclusion received from ELY Centre.
Laine	EIA-process competed. Reasoned conclusion received from ELY Centre.
Navakka	EIA process ongoing.
Noatun Pohjoinen, Åland	EIA process ongoing and report submitted to authorities.
Tyrsky	EIA program completed. Statements received from ELY Centre.
Wellamo	EIA process ongoing.

Offshore wind power projects (territorial waters) on a map

Number of offshore projects

1. Raahe – 0 (3) projects
2. Pyhäjoki – 2 projects
3. Siikajoki – 2 projects
4. The following municipalities have 1 project:

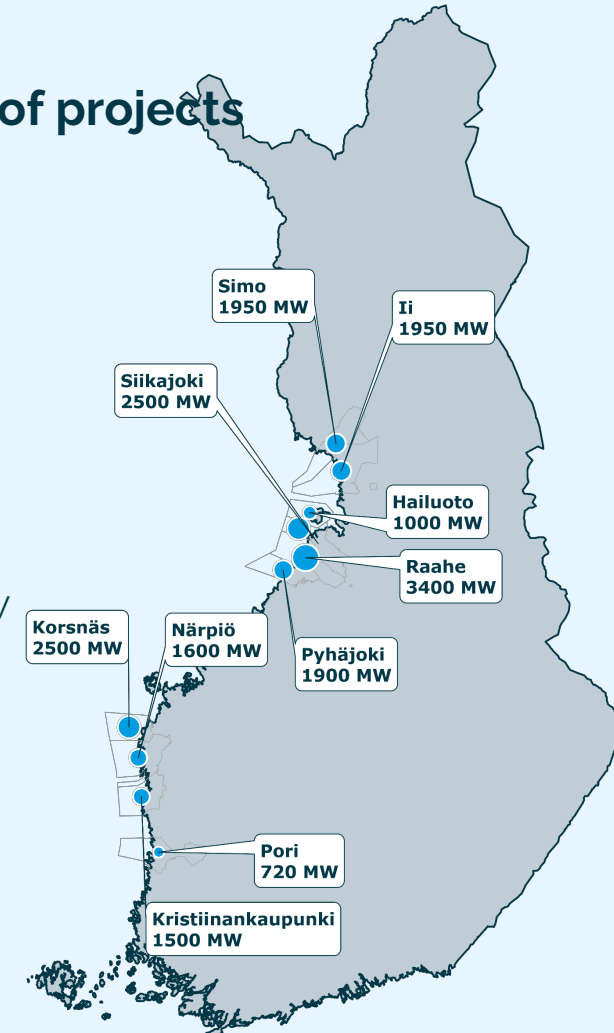
1 (0) kpl: Kristiinankaupunki, Korsnäs, Ii, Närpiö, Pori, Tornio, Brändö

0 (1) kpl: Simo, Hailuoto, Geta, Kumlinge, Saltvik



Cumulative capacity of projects

1. Raahe – 0 (3 400) MW
2. Korsnäs – 2 500 MW
3. Siikajoki – 2 500 MW
4. Ii – 1 950 MW
5. Simo – 0 (1 950) MW
6. Pyhäjoki – 1 900 MW
7. Närpiö – 1 600 MW
8. Kristiinankaupunki – 1 500 MW
9. Hailuoto – 0 (1 000) MW
10. Pori – 720 MW

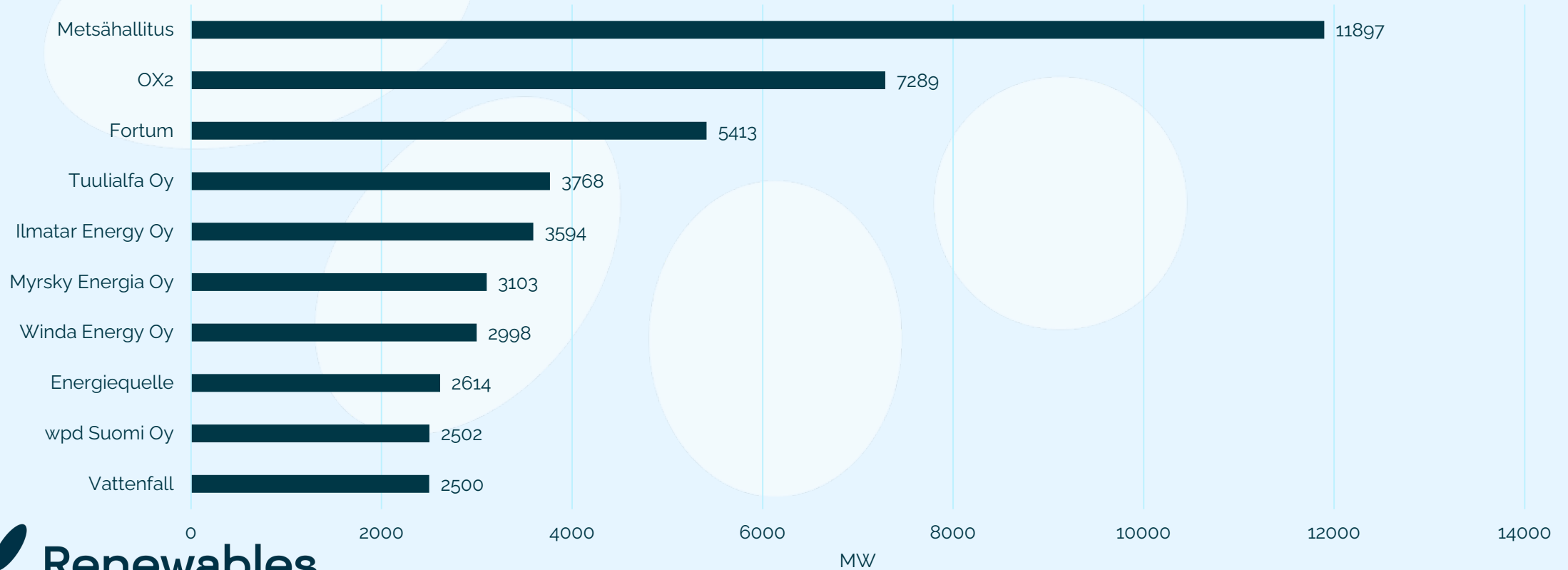


The parenthesis "(0)" represent instances when a municipality was marked as "other municipality" on project list. For example, Raahe was not marked as main municipality, but was marked as "other municipality" 3 times.

Wind power project developers

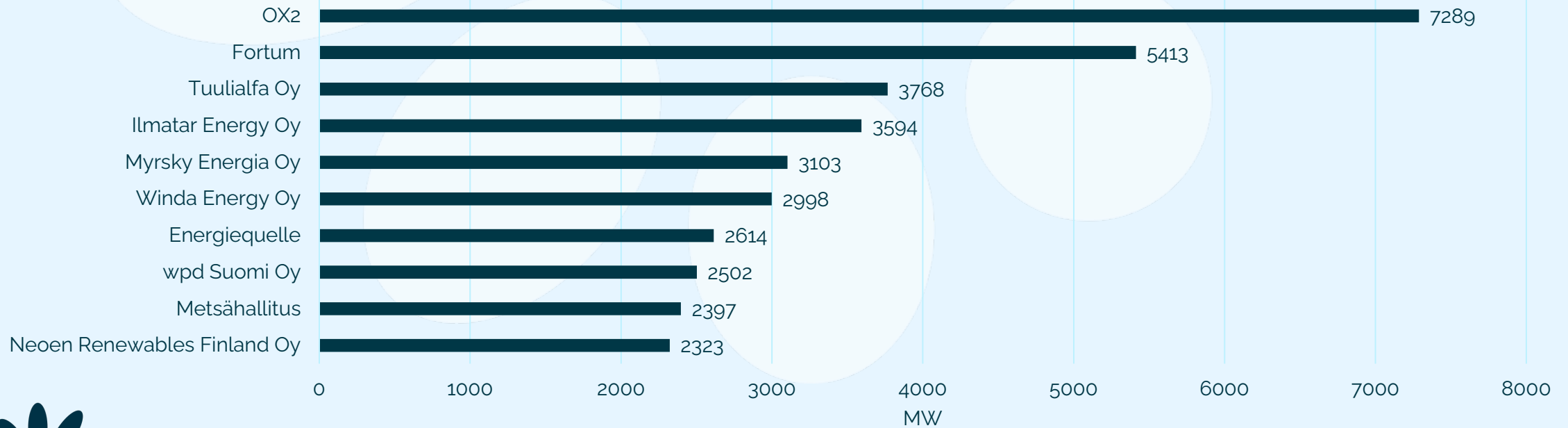


Top 10 project developers: Wind power (onshore and offshore) cumulative capacity (MW)



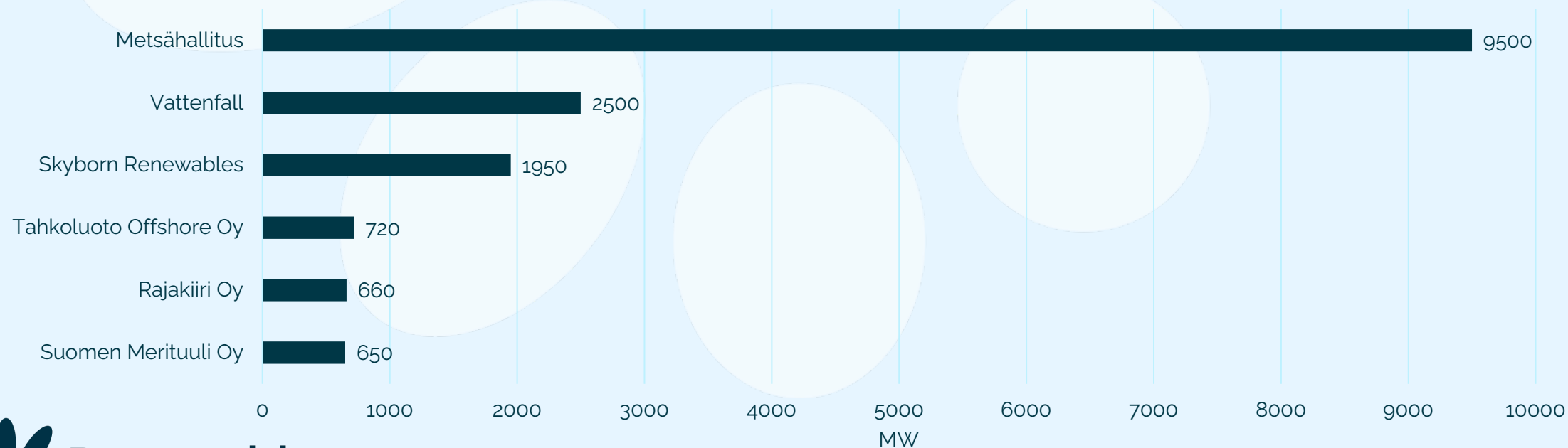
Top 10 project developers: Wind power cumulative capacity (MW)

Onshore wind



Top 10 project developers: Wind power cumulative capacity (MW)

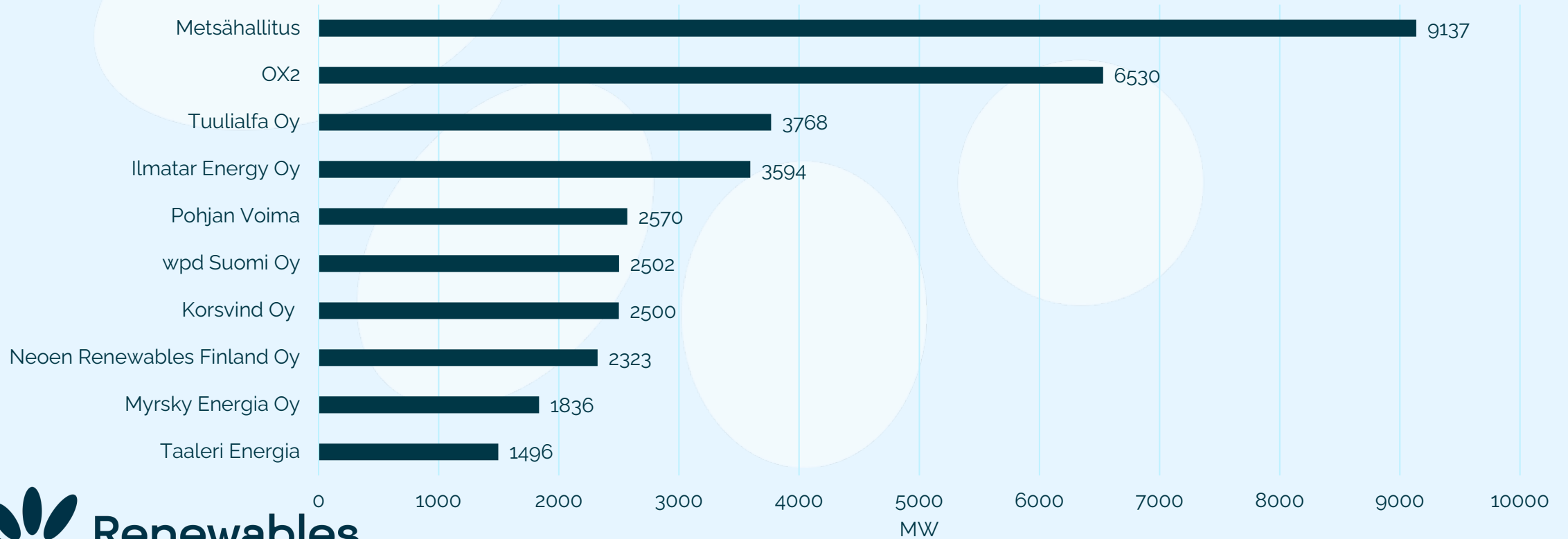
Offshore wind, territorial waters



Wind power development project owners

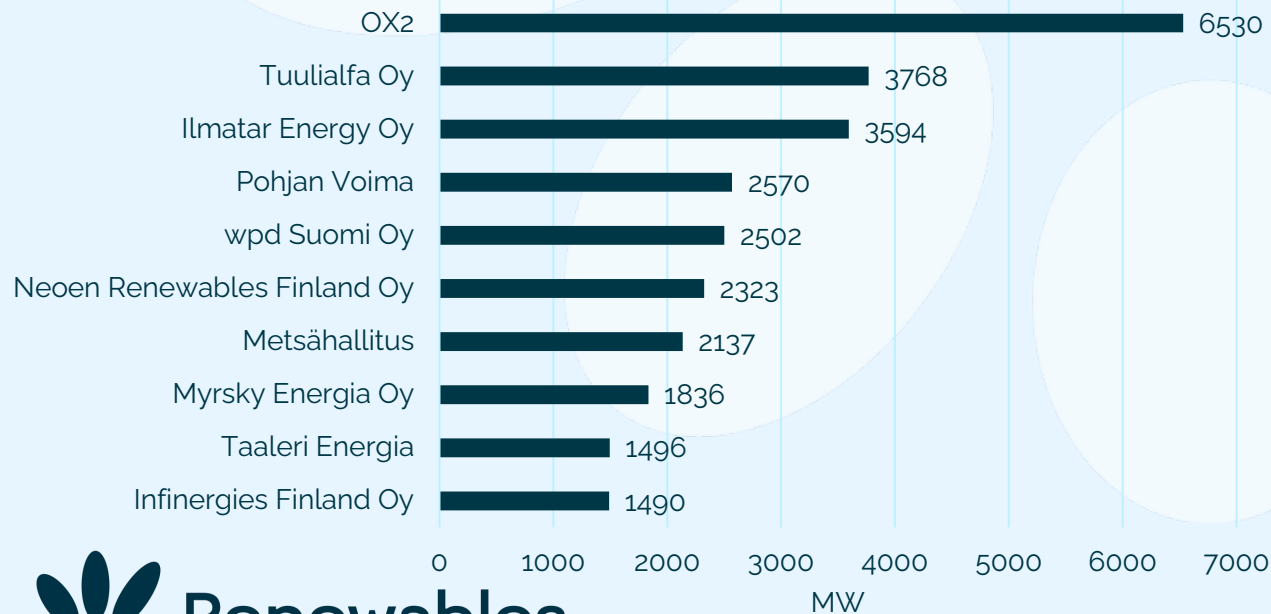


Top 10 owners: Wind power (onshore and offshore) cumulative capacity (MW)

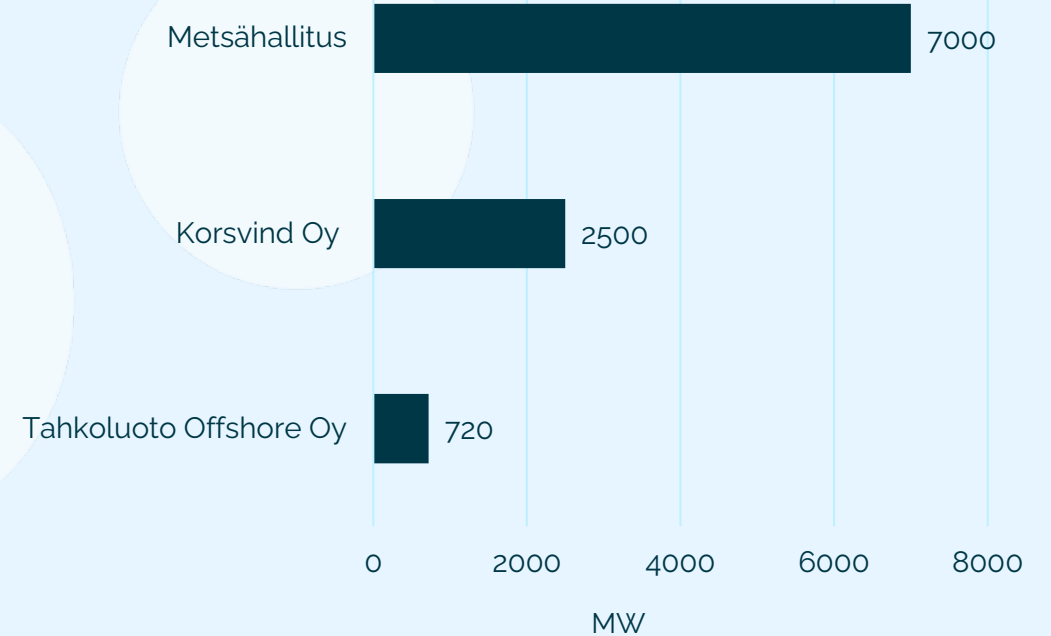


Top 10 owners: Wind power cumulative capacity (MW)

Onshore wind



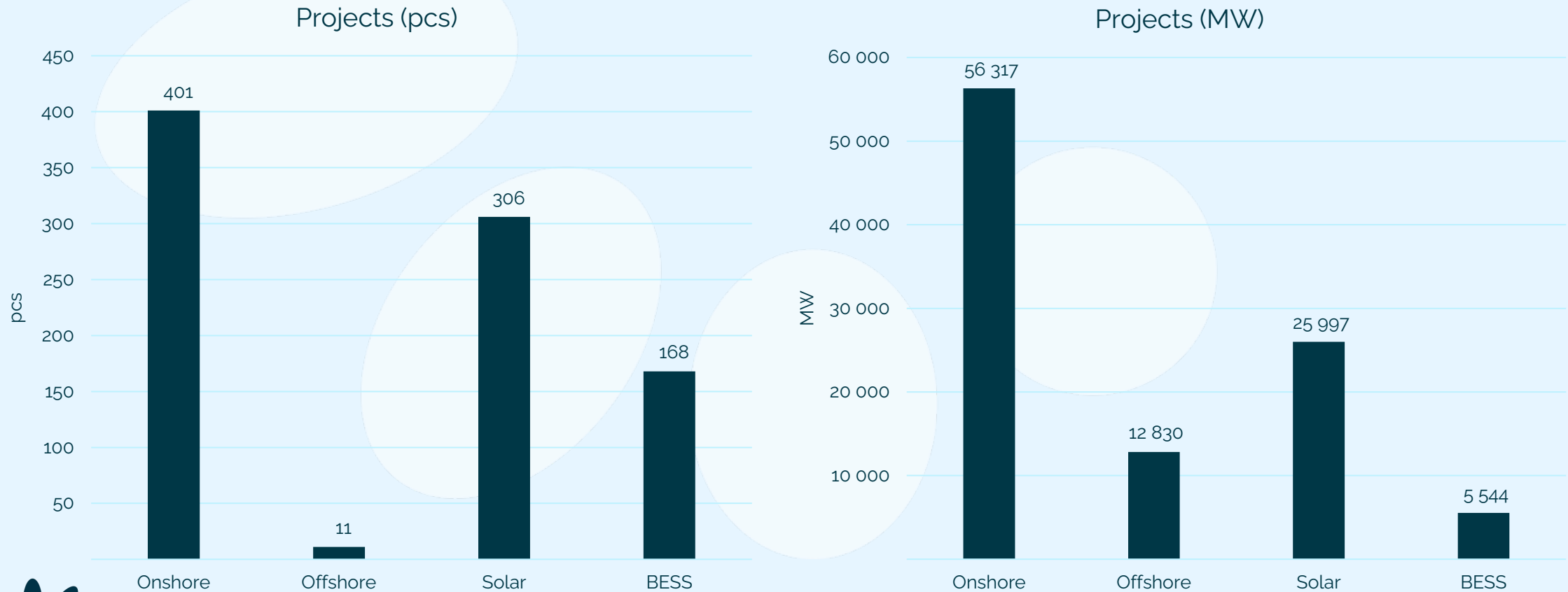
Offshore wind (territorial waters)



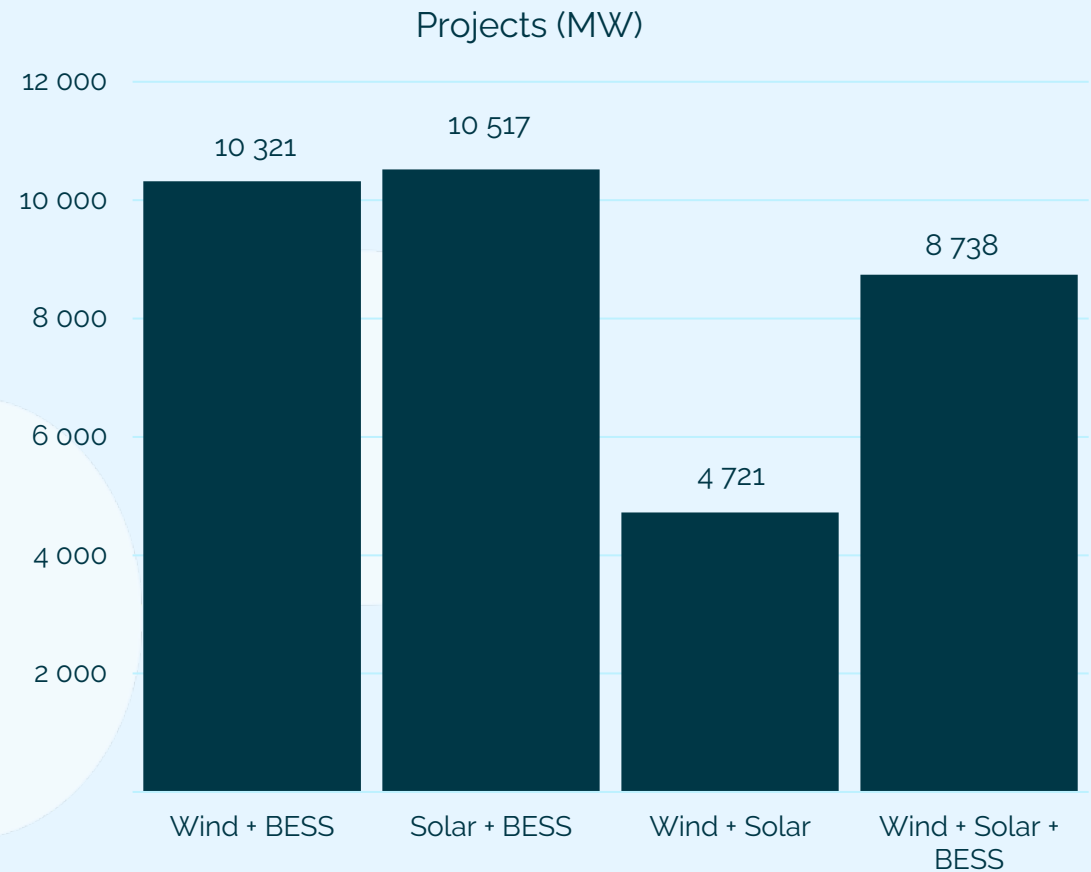
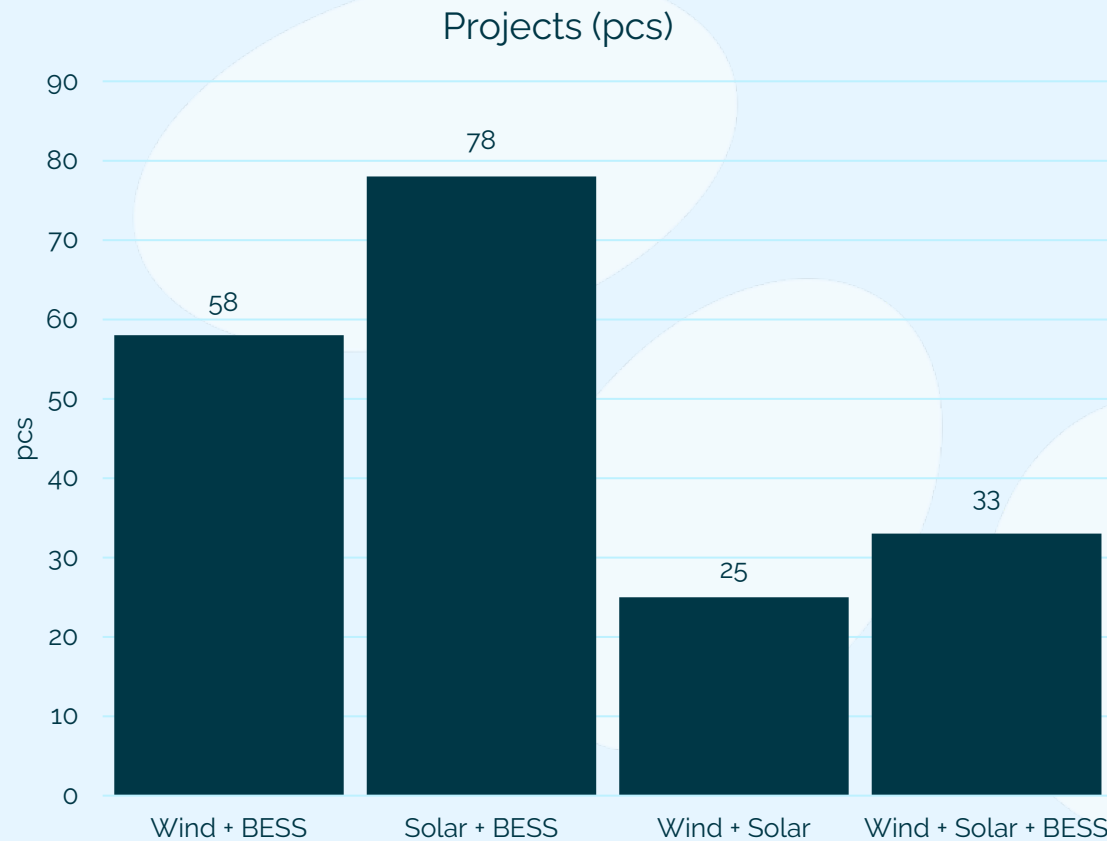
Hybrid projects in development



Renewable energy projects in Finland



Hybrid projects





Renewables Finland

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