



Solar PV development 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 June 2025. Any project updates that have occurred or have been reported after June 2025 will be included in January 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 capacities between regions or municipalities). If the project has more than one owner or developer, these projects have also been counted as a whole for all parties.

Solar PV projects reported only account for industrial size solar PV plants. Hence, the smallest reported project is 1.5 MW.

Solar PV development projects in Finland

Solar PV	Projects	MW	Area (ha)
Identified project	25	3 010	3 332
Permitting / studies ongoing	208	18 996	21 878
Permitted	67	3 580	4 641
Under construction	6	412	169
SUM	306	25 997	30 020

Largest project:
770 MW

Smallest project:
1.5 MW

Average project:
84 MW

Solar PV development projects in Finland – LUP and EIA

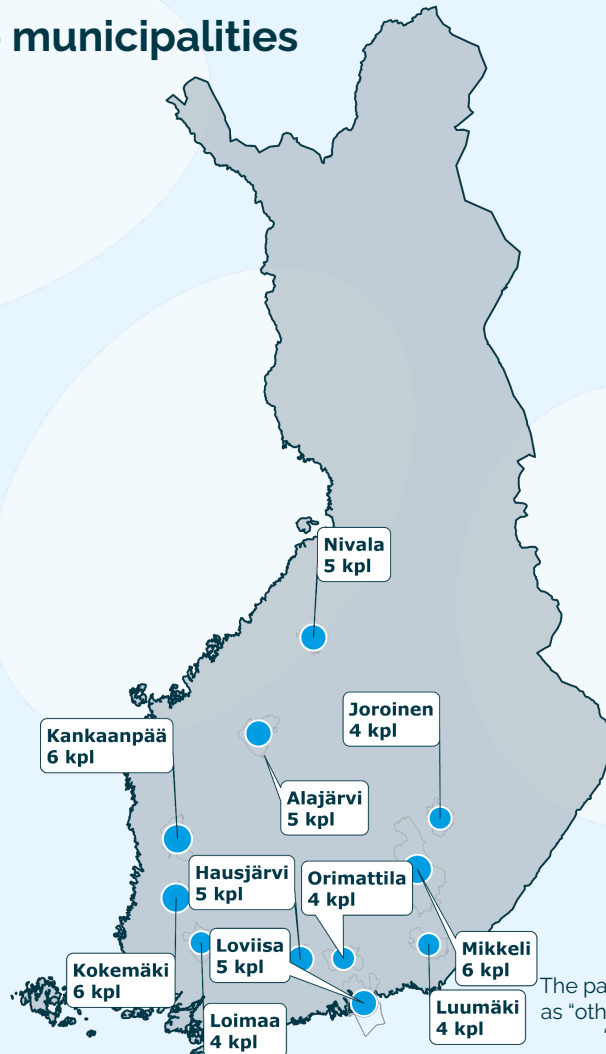
Solar PV – LUP process	Projects	MW	Area (ha)
No permitting information given	97	8 316	6 529
Not required / STR	81	4 289	6 061
Not required / building permit	20	1 007	1 330
Not started yet	24	3 023	3 579
Land use planning started	44	5 631	7 314
LUP draft	17	1 603	2 202
LUP proposal	10	1 330	2 046
LUP approved	13	798	960
SUM	306	25 997	30 020

Solar PV – EIA process	Projects	MW	Area (ha)
No EIA info given	58	5 437	1 959
Not required	173	9 591	12 822
Not started yet	15	1 978	2 411
EIA ongoing	39	6 646	9 684
EIA approved	21	2 345	3 145
SUM	306	25 997	30 020

Solar PV projects on a map

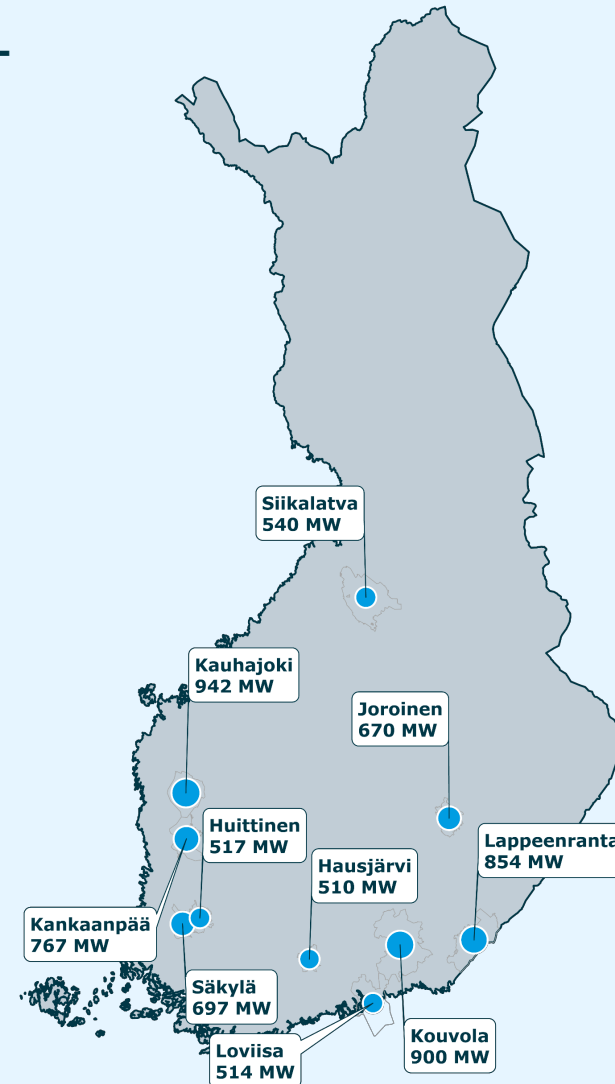
Number of projects – top municipalities

1. Mikkeli – 6 kpl
2. Kankaanpää – 6 kpl
3. Kokemäki – 6 kpl
4. Alajärvi – 5 kpl
5. Loviisa – 5 kpl
6. Hausjärvi – 5 kpl
7. Nivala – 4 (1) kpl
8. Joroinen – 4 kpl
9. Loimaa – 4 kpl
10. Orimattila – 4 kpl
11. Luumäki – 4 kpl



Cumulative capacity (MW) – top 10 municipalities

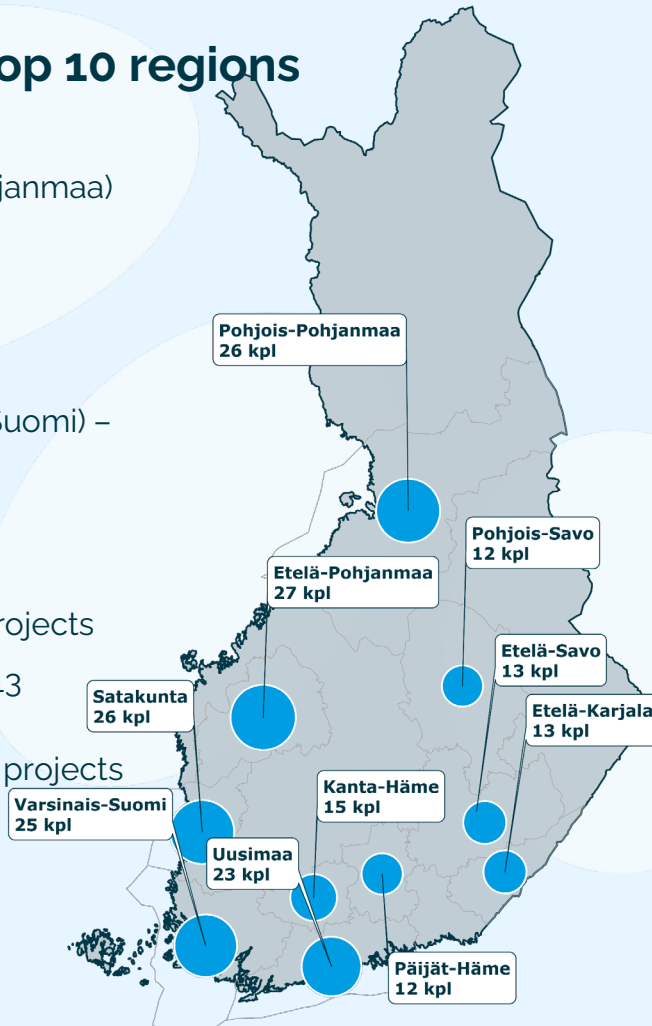
1. Kauhajoki – 942 MW
2. Kouvola – 900 MW
3. Lappeenranta – 854 MW
4. Kankaanpää – 767 MW
5. Säskylä – 697 MW
6. Joroinen – 670 MW
7. Siikalatva – 540 MW
8. Huittinen – 517 MW
9. Loviisa – 514 MW
10. Hausjärvi – 510 MW



Solar PV projects in regions

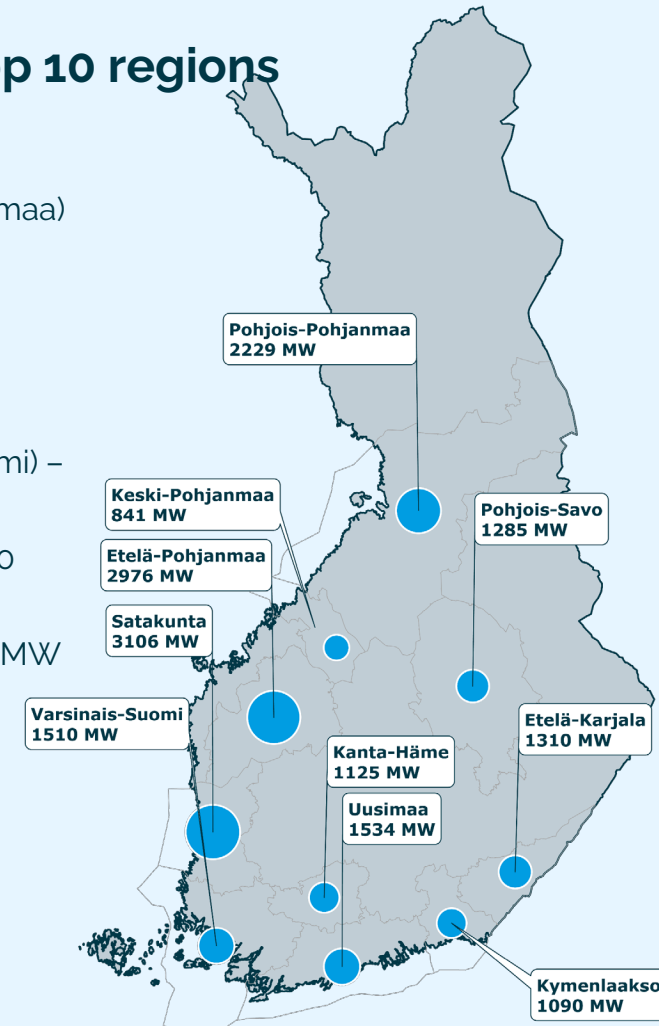
Number of projects – top 10 regions

1. South Ostrobothnia (Etelä-Pohjanmaa) – 27 projects
2. Satakunta – 26 projects
3. North Ostrobothnia (Pohjois-Pohjanmaa) – 26 projects
4. Southwest Finland (Varsinais-Suomi) – 25 projects
5. Uusimaa – 22 (1) projects
6. Kanta-Häme – 15 projects
7. South Savo (Etelä-Savo) – 13 projects
8. South Karelia (Etelä-Karjala) – 13 projects
9. North Savo (Pohjois-Savo) – 12 projects
10. Päijät-Häme – 12 projects



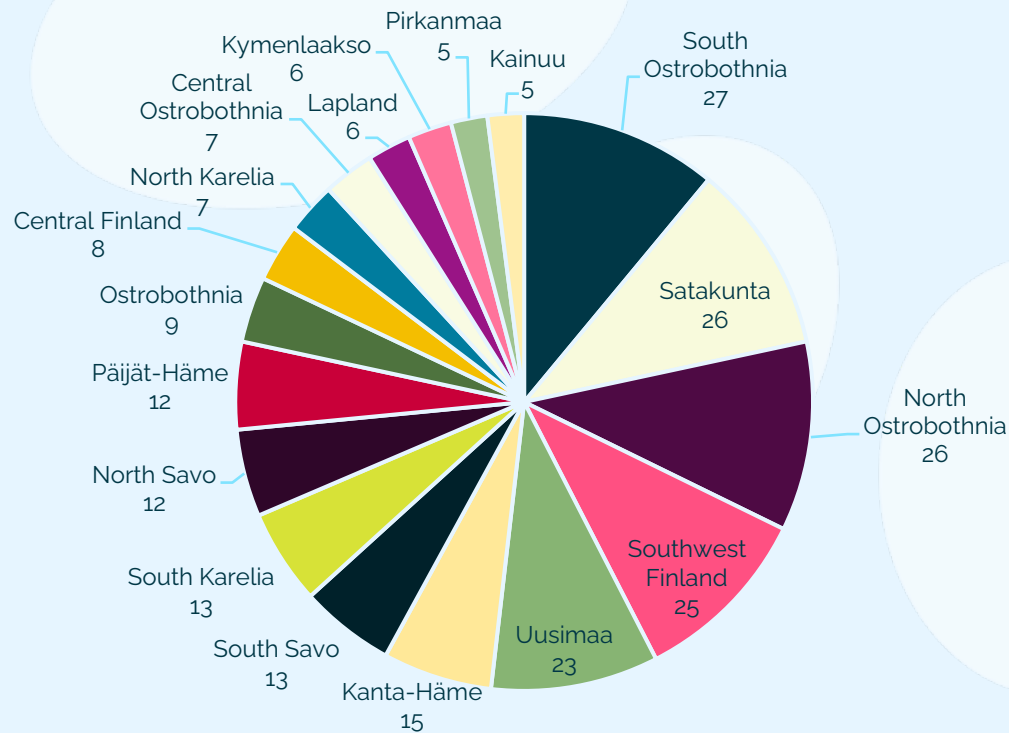
Cumulative capacity – top 10 regions

1. Satakunta – 3 106 MW
2. South Ostrobothnia (Etelä-Pohjanmaa) – 2 976 MW
3. North Ostrobothnia (Pohjois-Pohjanmaa) – 2 229 MW
4. Uusimaa – 1 474 (60) MW
5. Southwest Finland (Varsinais-Suomi) – 1 510 MW
6. South Karelia (Etelä-Karjala) – 1 310 MW
7. North Savo (Pohjois-Savo) – 1 285 MW
8. Kanta-Häme – 1 125 MW
9. Kymenlaakso – 1 090 MW
10. Central Ostrobothnia (Keski-Pohjanmaa) – 841 MW

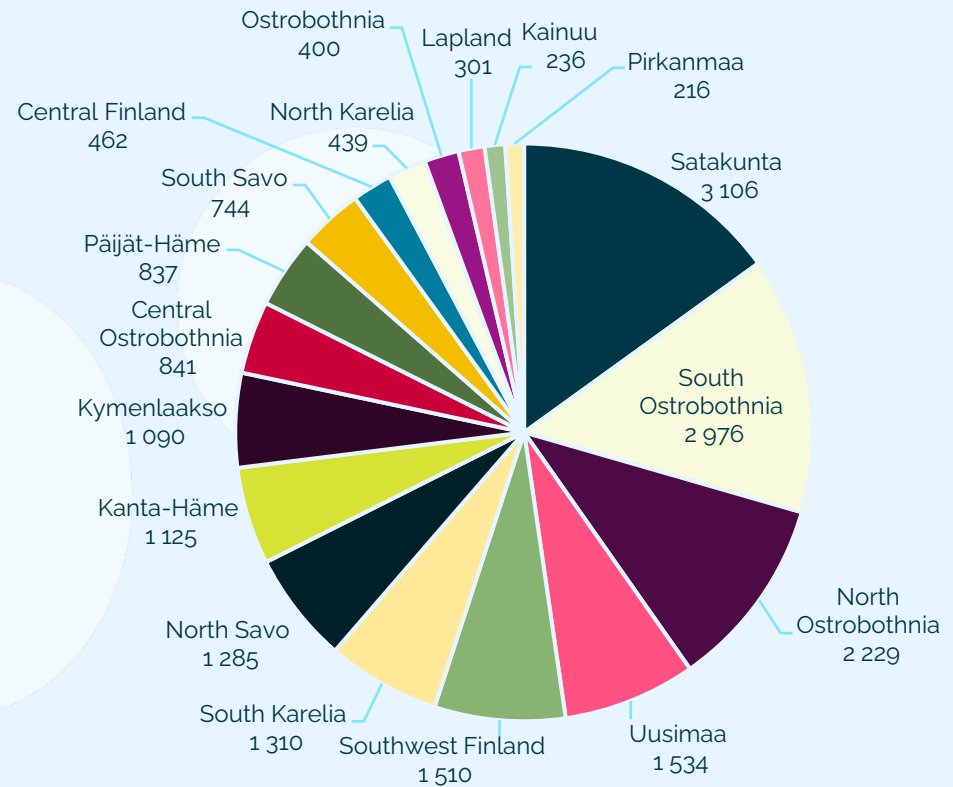


Solar PV projects in regions

Number (pcs)



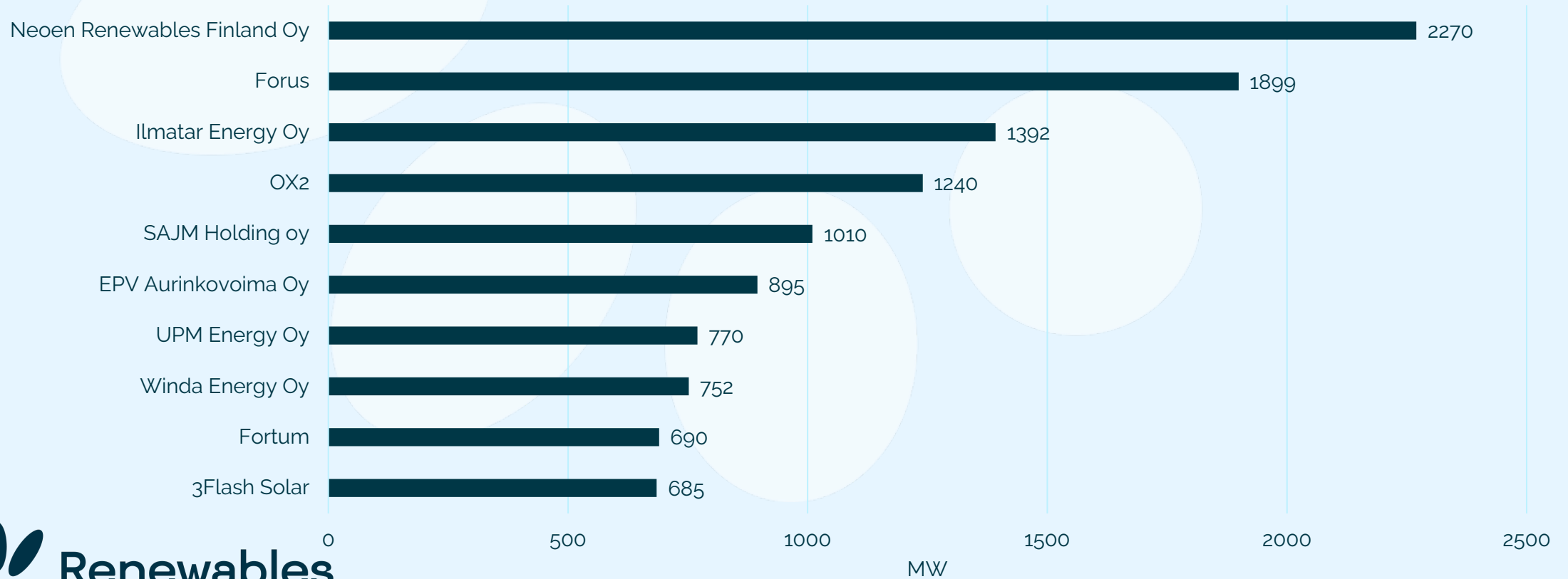
Power (MW)



Solar PV project developers



Top 10 project developers: Solar PV project cumulative capacity (MW)

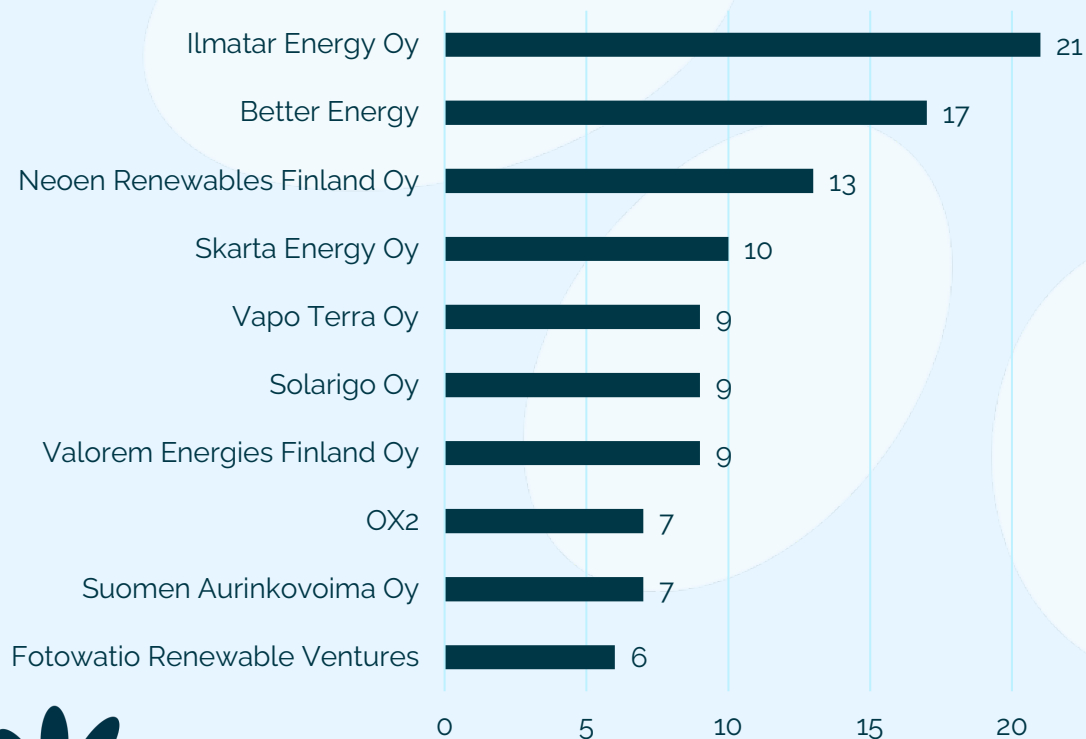


Solar PV project owners

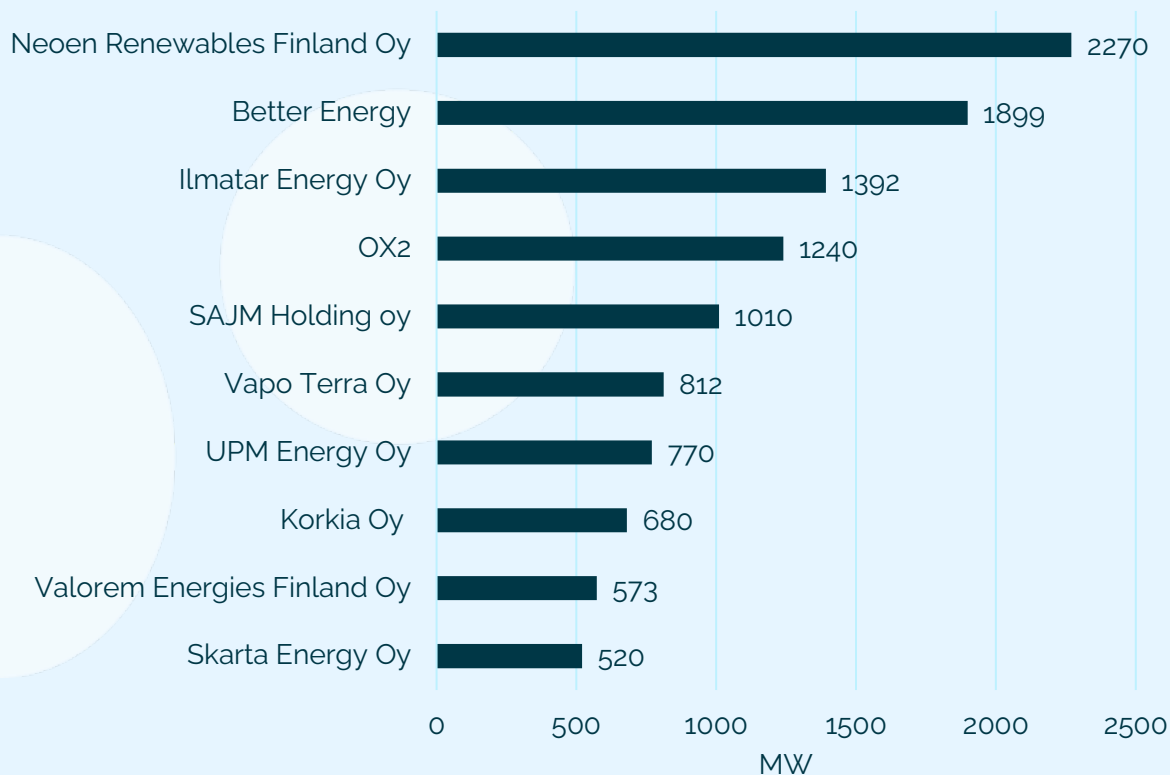


Top 10 owners: Solar PV projects

Number of projects



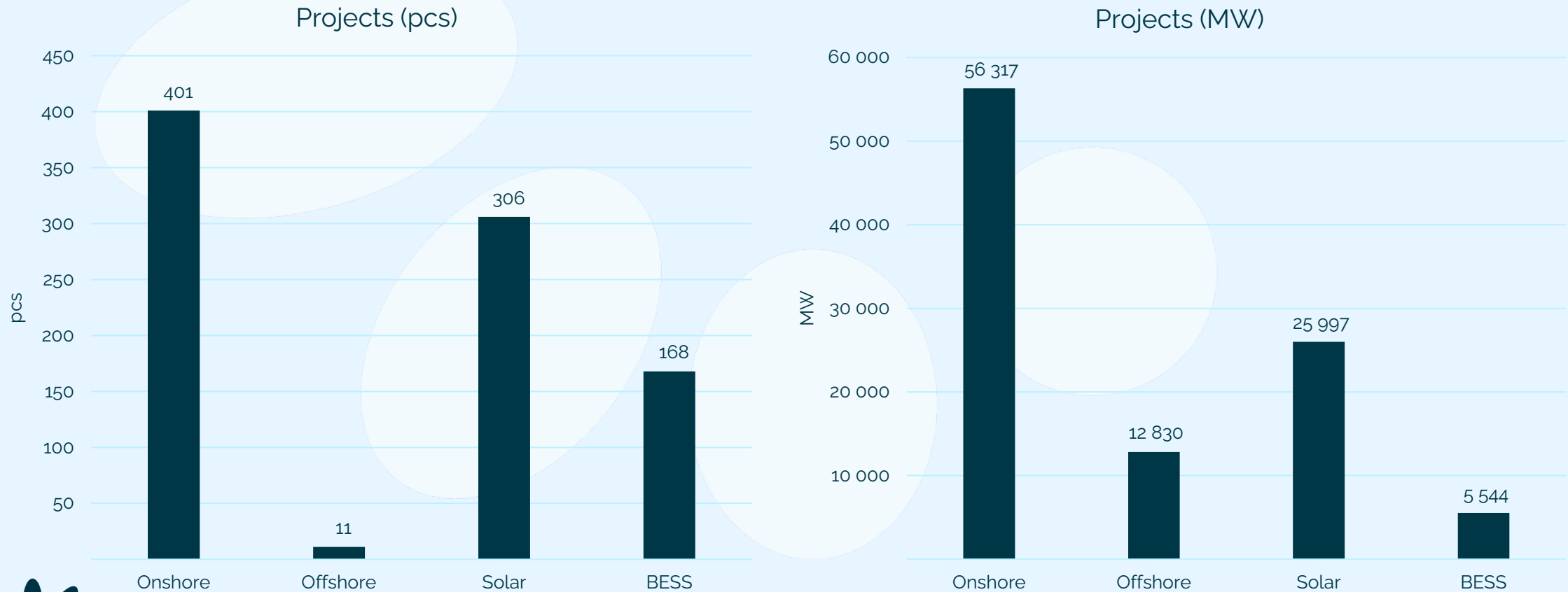
Cumulative capacity (MW)



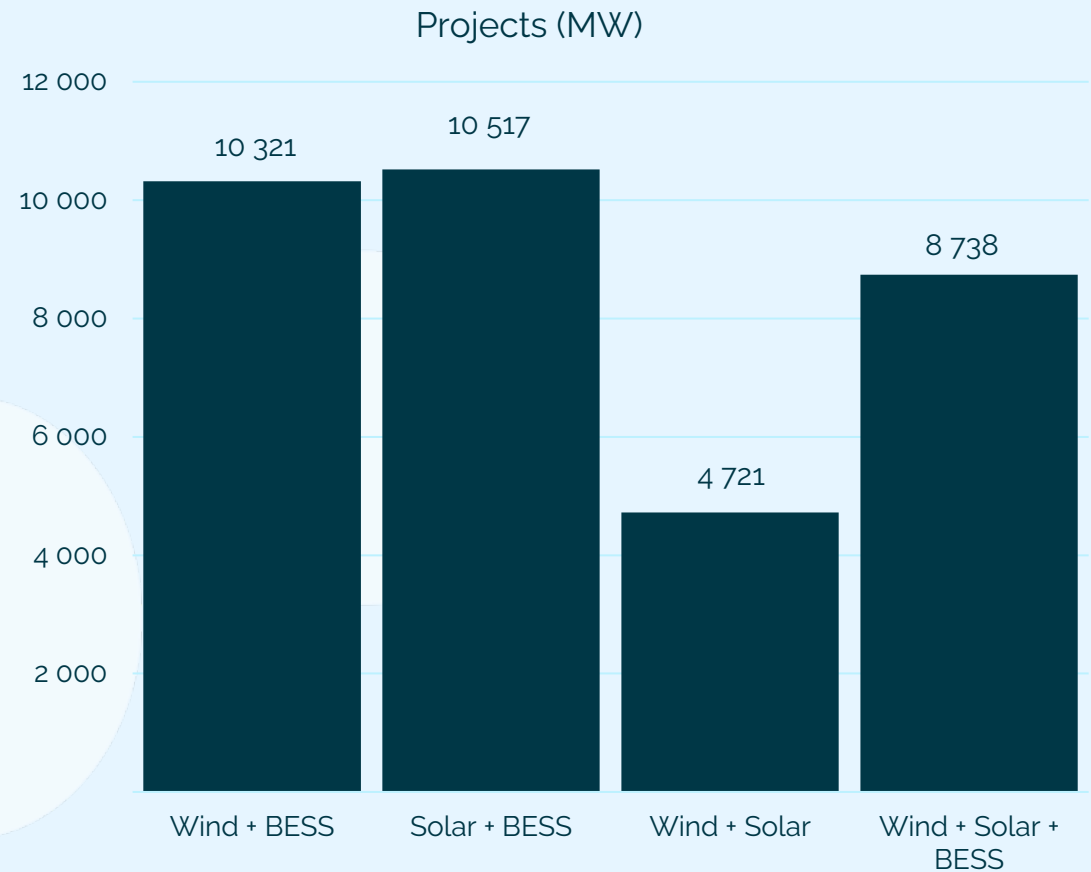
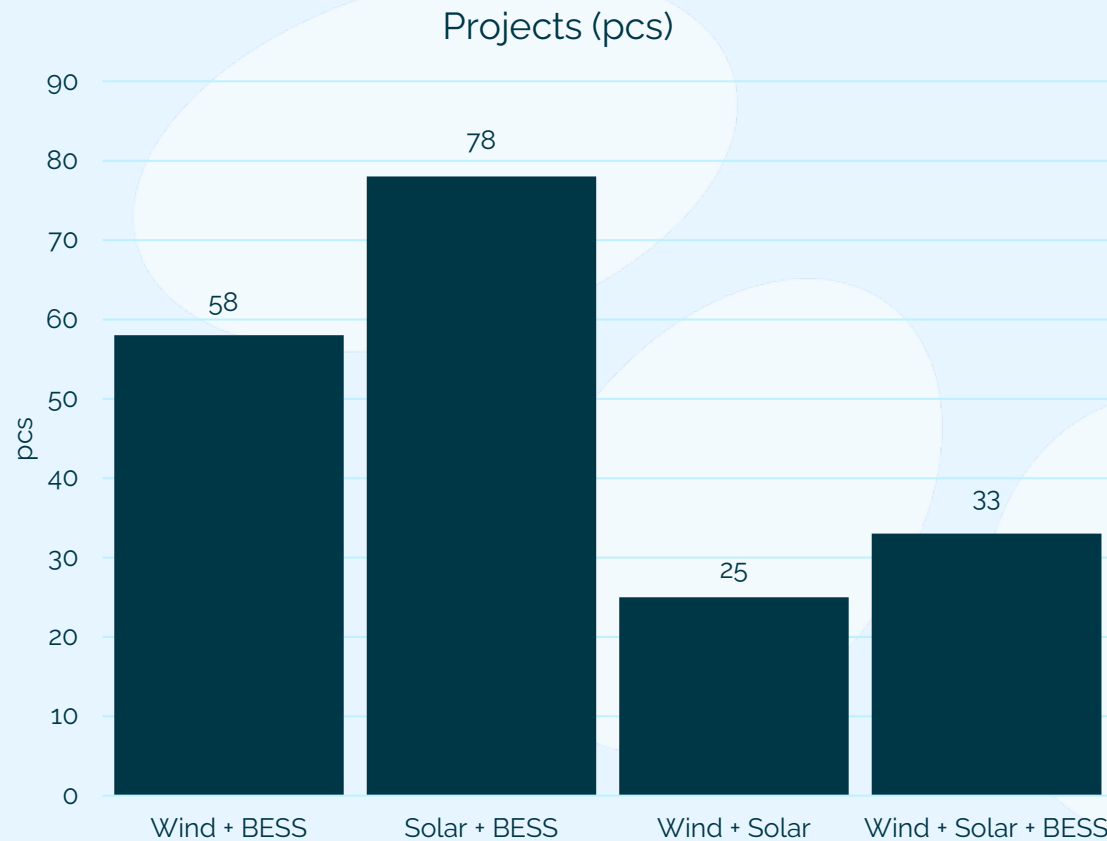
Hybrid projects



Renewable energy projects in Finland



Hybrid projects





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