



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.

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).

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	30	2 547	3 032
Permitting / studies ongoing	217	20 085	23 762
Permitted	54	3 023	3 729
Under construction	12	523	312
SUM	313	26 178	30 835

Largest project:
770 MW

Smallest project:
1.5 MW

Average project:
81 MW

Solar PV development projects in Finland

Solar PV – LUP process	Projects	MW	Area (ha)
No permitting info given	123	8 011	7 020
Not required / STR	67	4 124	5 552
Not required / building permit	17	1 190	1 650
Not started yet	26	3 716	4 560
Land use planning started	41	5 289	6 503
LUP draft	14	1 700	2 616
LUP proposal	13	1 630	2 171
LUP approved	12	520	763
SUM	313	26 178	30 835

Solar PV – EIA process	Projects	MW	Area (ha)
No EIA info given	69	5 923	2 541
Not required	163	9 007	11 808
Not started yet	17	2 406	3 085
EIA ongoing	43	6 527	10 047
EIA approved	21	2 315	3 354
SUM	313	26 178	30 835

Solar PV projects on a map

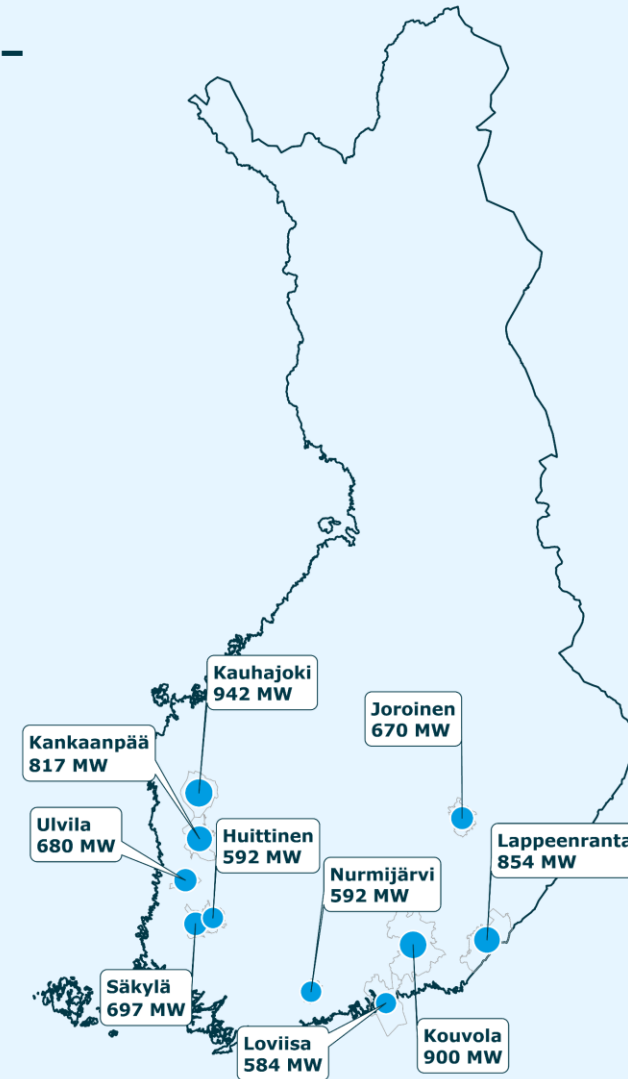
Number of projects – top municipalities

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



Cumulative capacity (MW) – top 10 municipalities

1. Kauhajoki – 942 MW
2. Kouvola – 900 MW
3. Lappeenranta – 854 MW
4. Kankaanpää – 817 MW
5. Säkyä – 697 MW
6. Ulvila – 680 MW
7. Joroinen – 670 MW
8. Huittinen – 592 MW
9. Nurmijärvi – 92 (500) MW
10. Loviisa – 584 MW

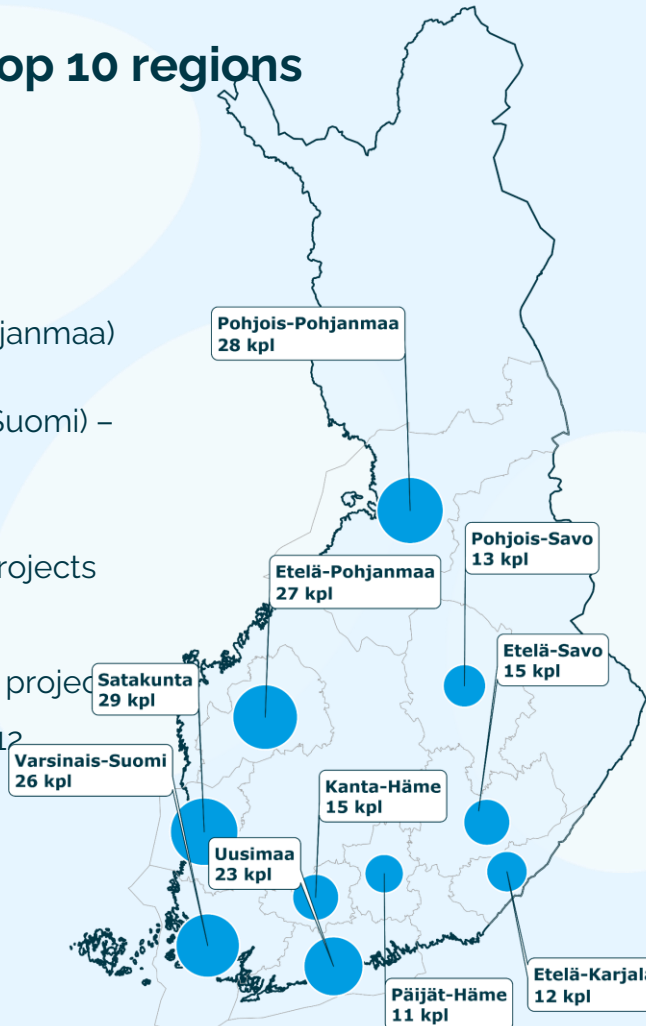


The parenthesis "()" represent instances when a municipality was marked as "other municipality" on project list. For example, Nivala was marked as "main municipality" 4 times and as "other municipality" once.

Solar PV projects in regions

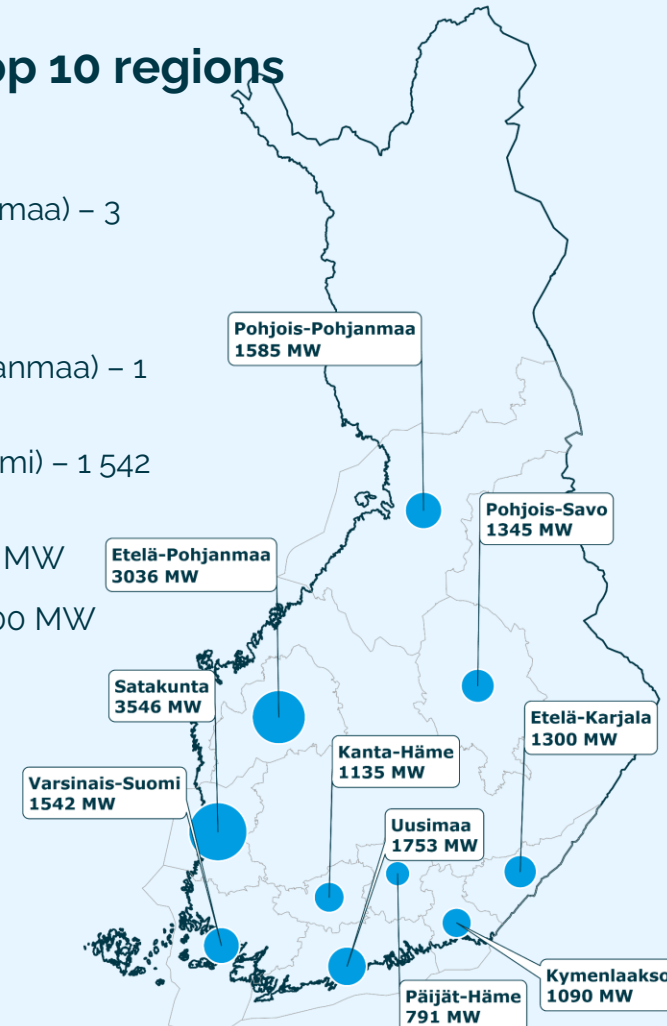
Number of projects – top 10 regions

1. Satakunta – 29 projects
2. North Ostrobothnia (Pohjois-Pohjanmaa) – 28 projects
3. South Ostrobothnia (Etelä-Pohjanmaa) – 27 projects
4. Southwest Finland (Varsinais-Suomi) – 26 projects
5. Uusimaa – 22 (1) projects
6. South Savo (Etelä-Savo) – 15 projects
7. Kanta-Häme – 15 projects
8. North Savo (Pohjois-Savo) – 13 projects
9. South Karelia (Etelä-Karjala) – 12 projects
10. Päijät-Häme – 11 projects



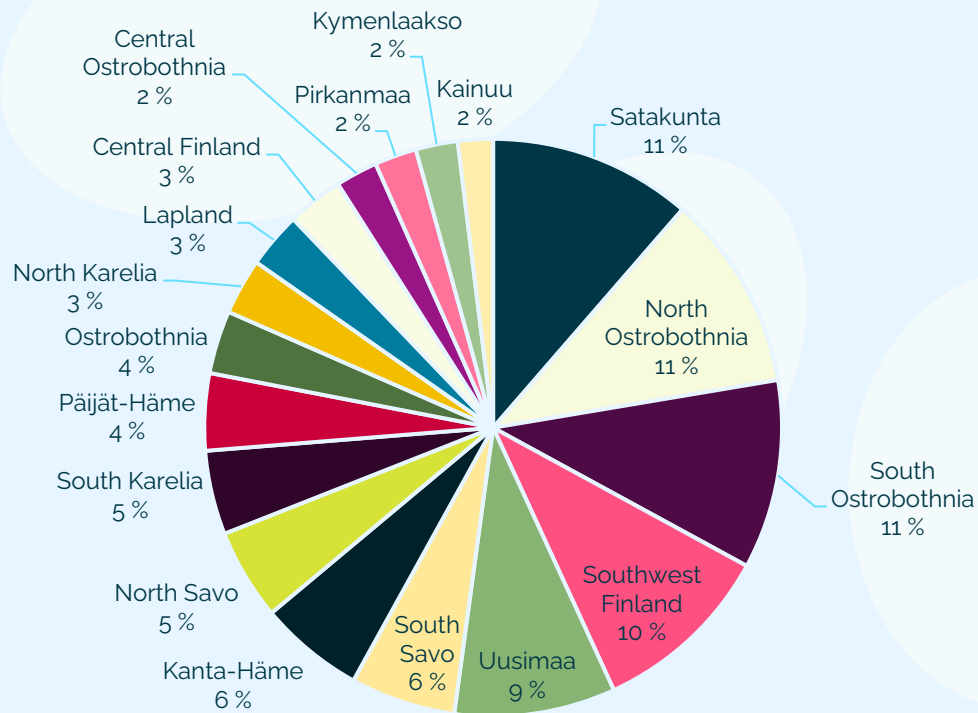
Cumulative capacity – top 10 regions

1. Satakunta – 3 546 MW
2. South Ostrobothnia (Etelä-Pohjanmaa) – 3 036 MW
3. Uusimaa – 1 693 (60) MW
4. North Ostrobothnia (Pohjois-Pohjanmaa) – 1 585 MW
5. Southwest Finland (Varsinais-Suomi) – 1 542 MW
6. North Savo (Pohjois-Savo) – 1 345 MW
7. South Karelia (Etelä-Karjala) – 1 300 MW
8. Kanta-Häme – 1 135 MW
9. Kymenlaakso – 1 090 MW
10. Päijät-Häme – 791 MW

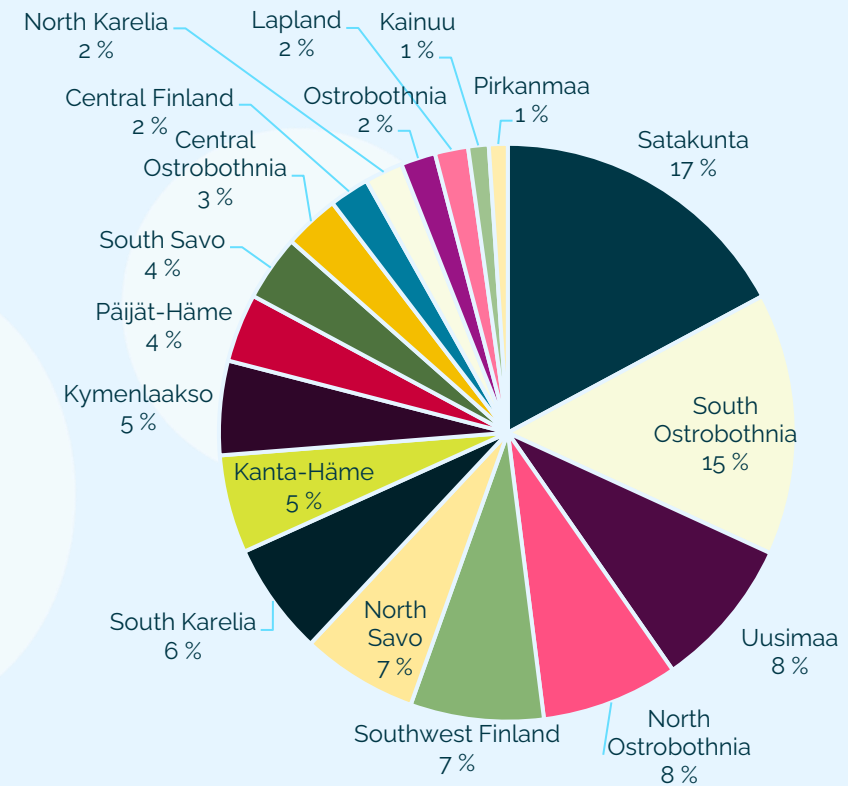


Solar PV projects in regions

Number (share of total)



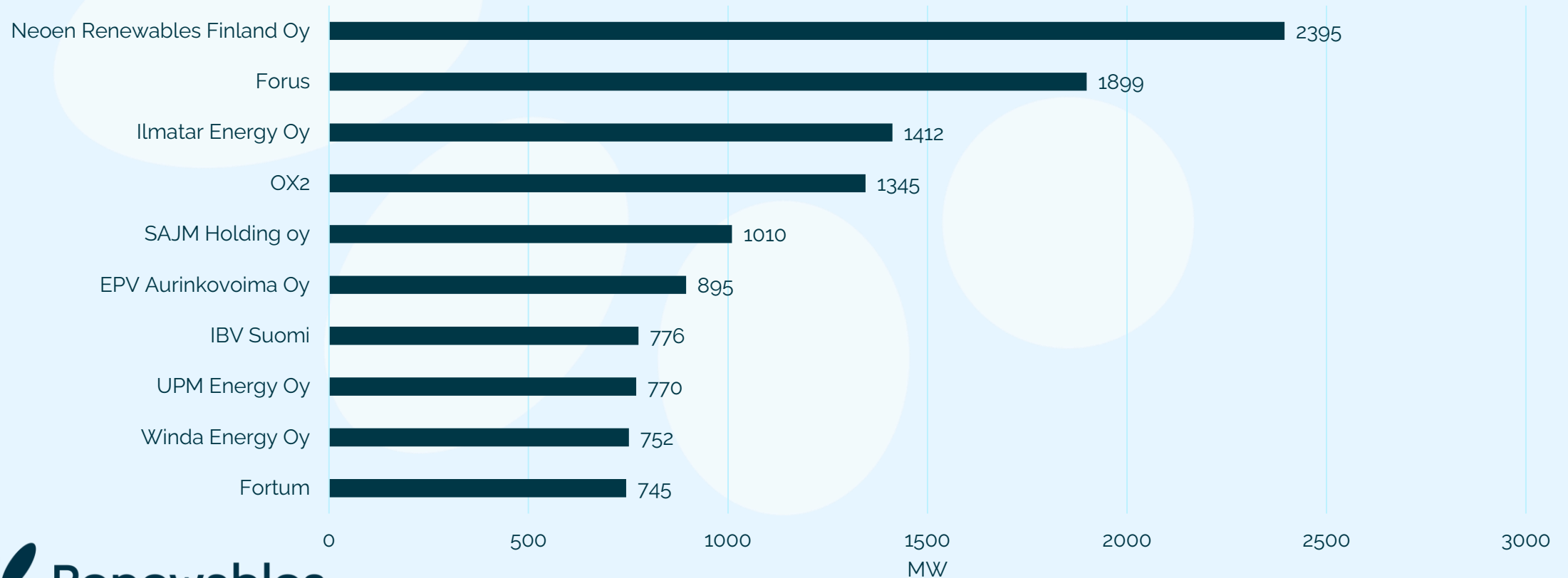
Power (share of total)



Solar PV project developers



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

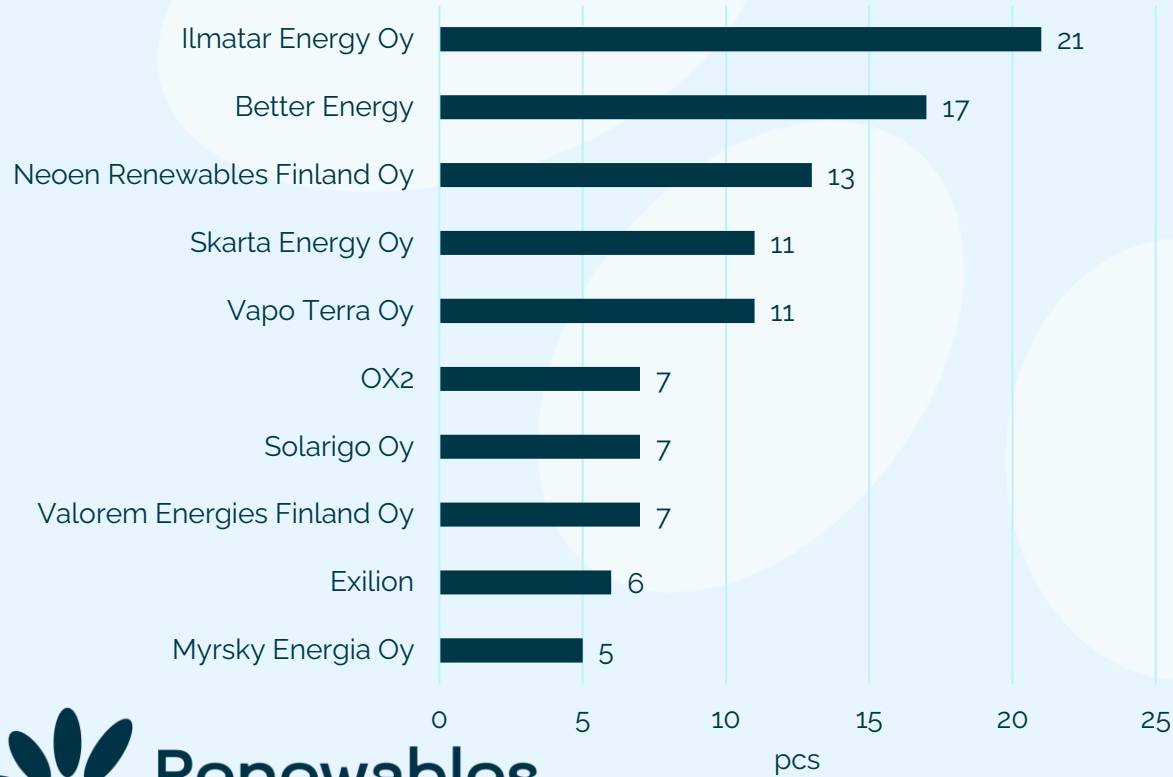


Solar PV project owners

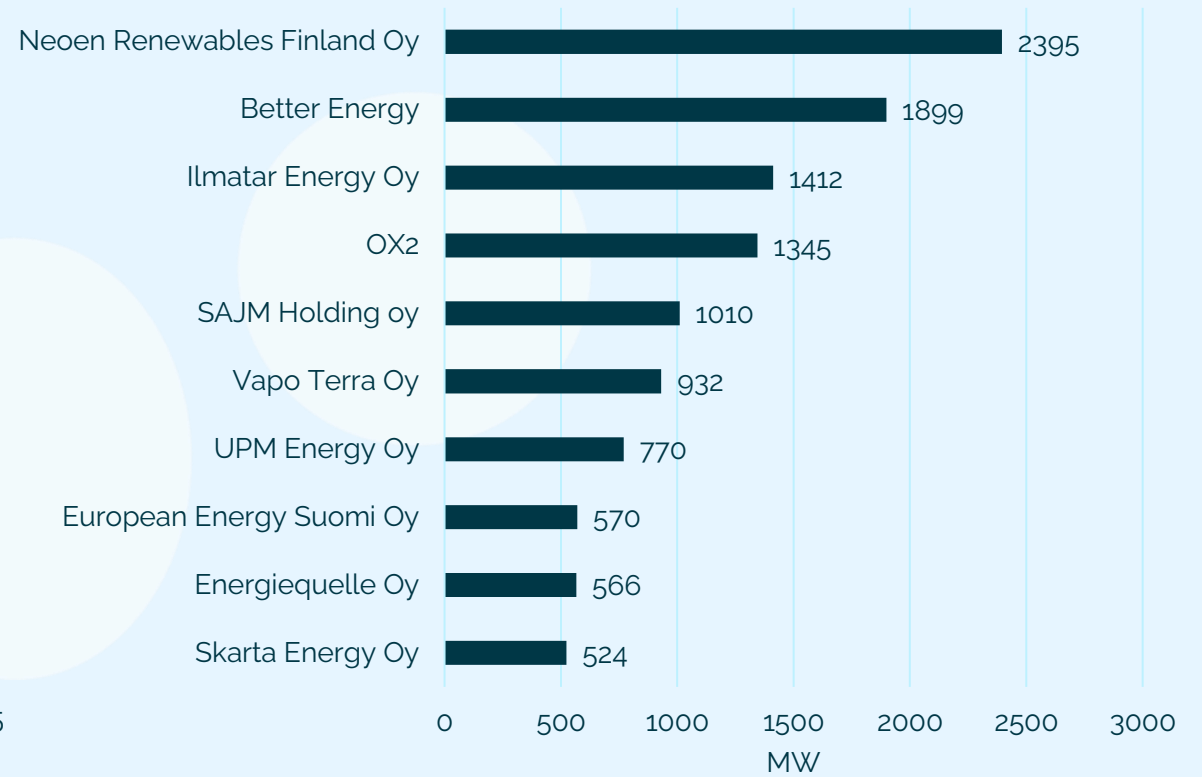


Top 10 owners: Solar PV projects

Number of projects



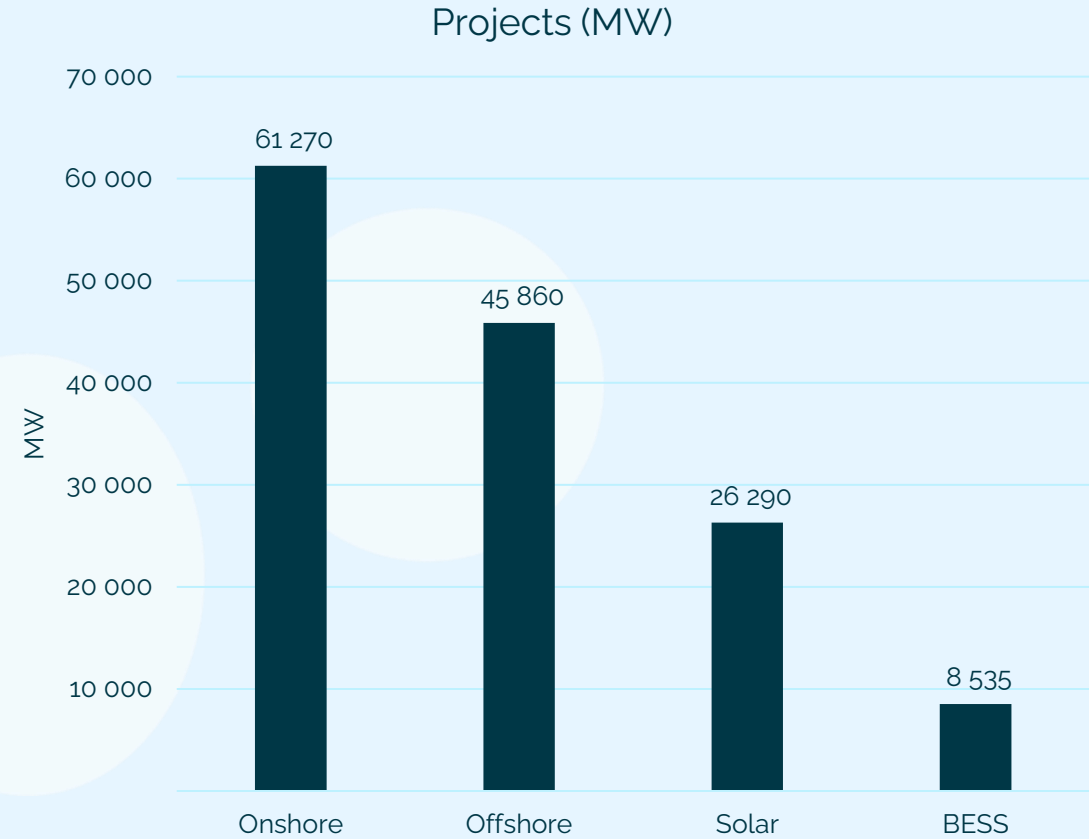
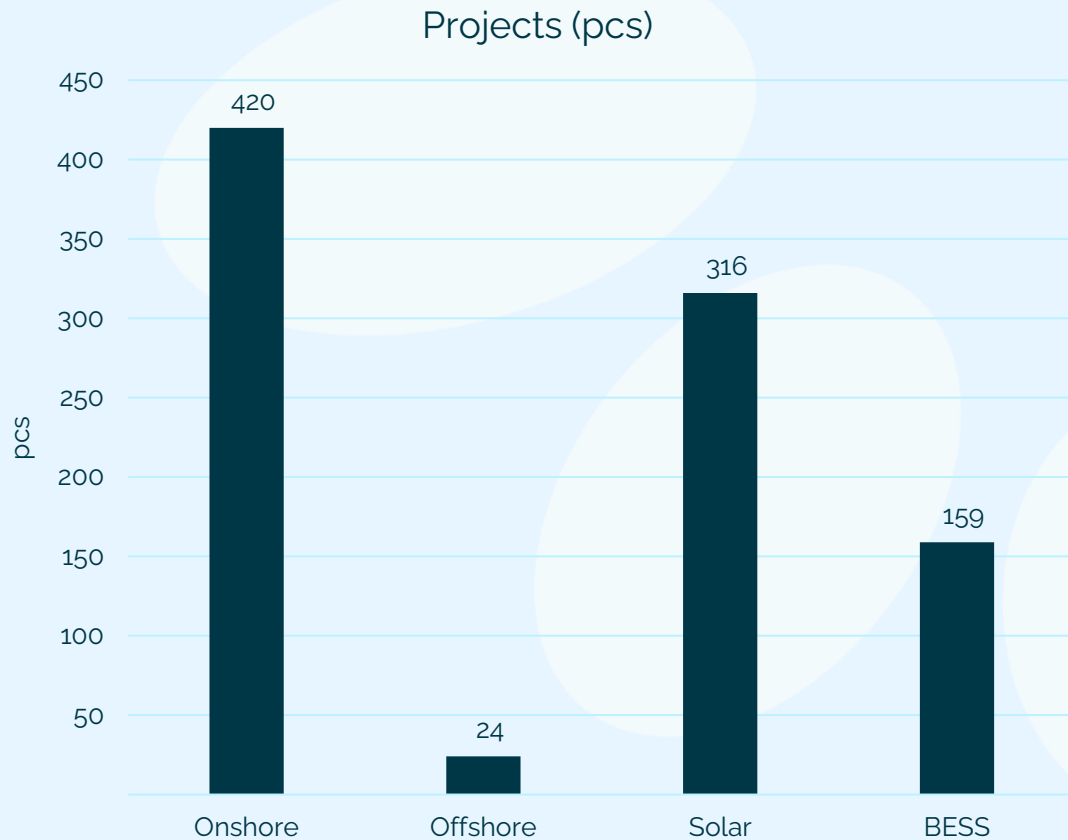
Cumulative capacity (MW)



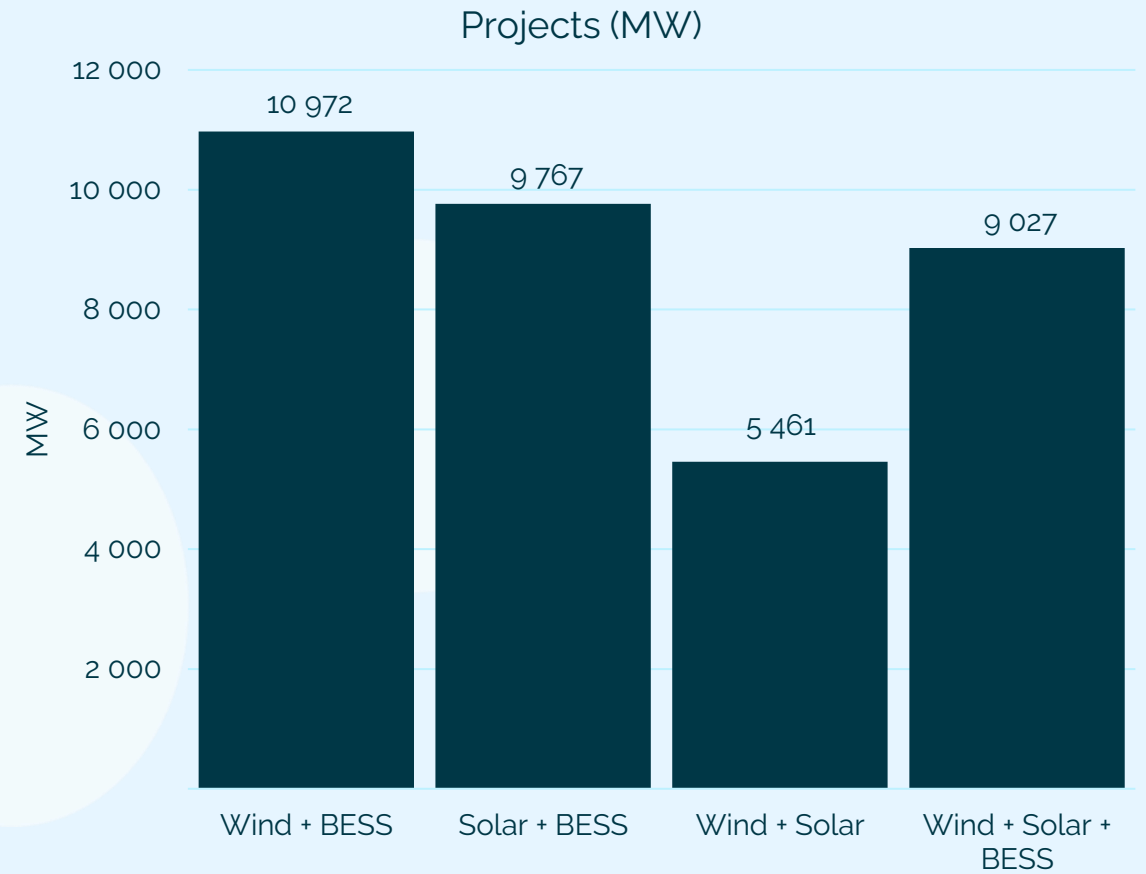
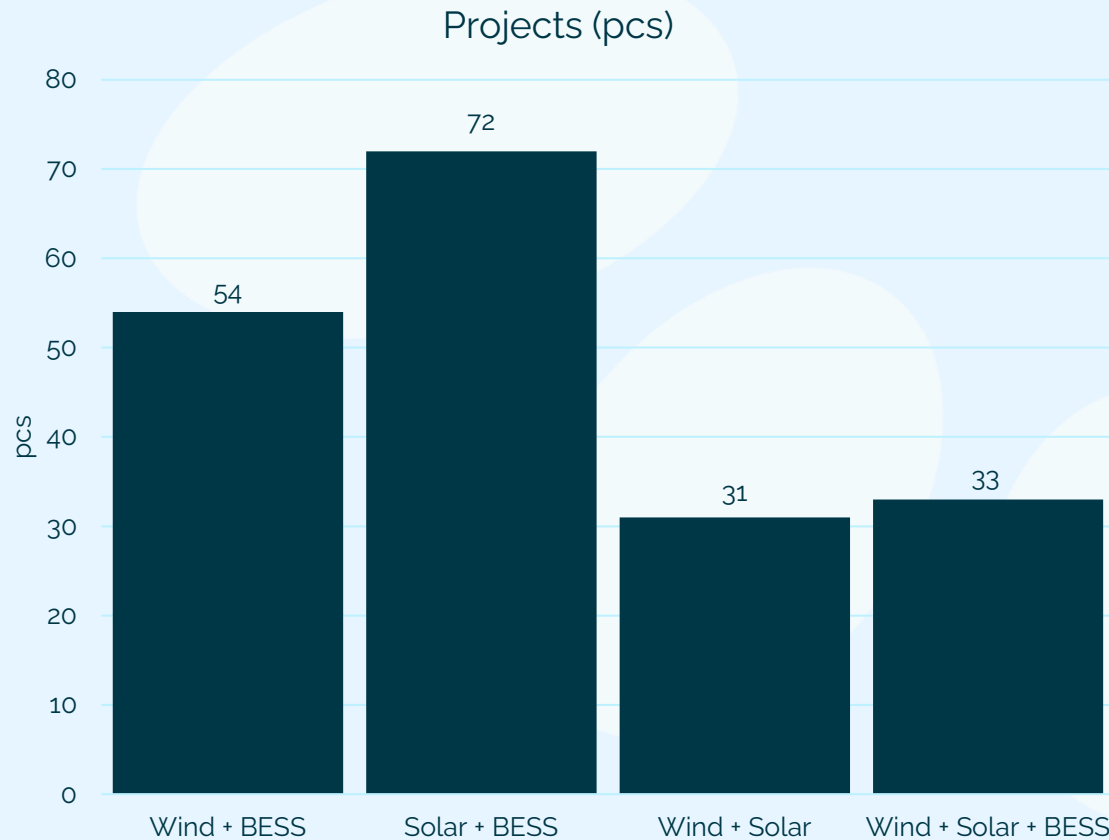
Hybrid projects



Renewable energy projects in Finland



Hybrid projects





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