

Vaisala Headquarters

Vantaa, Finland

NAPS

Power of Light



The headquarters of Vaisala were awarded with the golden LEED certification. The required energy efficiency is achieved largely with the building's own electricity generation. One fifth of the electricity need is covered with solar electricity systems installed on the roofs and walls. The arrays are fitted to the architecture of the building with unique mounting structures and with customized solar modules.



Completion	December 2010
Owner	Vaisala Oyj
Location	Vantaa, Finland
Coordinates	60°16'N 24°52'E
Direction and tilt angle	South 45°
Total array power	101,4 kWp
Estimated annual generation	95.000 kWh
Total module surface area	731,3 m ²
Quantity of solar modules	877
Solar module type	Naps Pallas 200G SAW and Naps NP51GKg
Solar module power	210 Wp, 205 Wp and 51 Wp
Cell type	6" polycrystalline silicon cells
Mounting concept	Customized Naps mounting structures on roofs and walls
Inverter type	SMA / Naps Sunny Boy, several
Number of inverters	20

Naps Systems Ltd is a specialist in solar electricity systems and solutions. We design and deliver optimal solutions for all needs and applications globally. During our 30 years of history, we have delivered more than 200.000 systems to more than 140 countries on all continents.