

Customized solution



This PV roof top is a case sui generis. The mounting system is an in-house development of Scatec Solar's engineers.



Before the Milano project, it wasn't possible to install PV modules on roof tops with barrel vault roofs. This unique customized solution could be realized for the first time.



The specific shape and style of the roofs were also considered in the electrical design. In order to secure the light incidence into the halls, the light-transmissive parts of the roof were left open.



Scatec Solar
Improving our future™

Headquarter Oslo, Norway

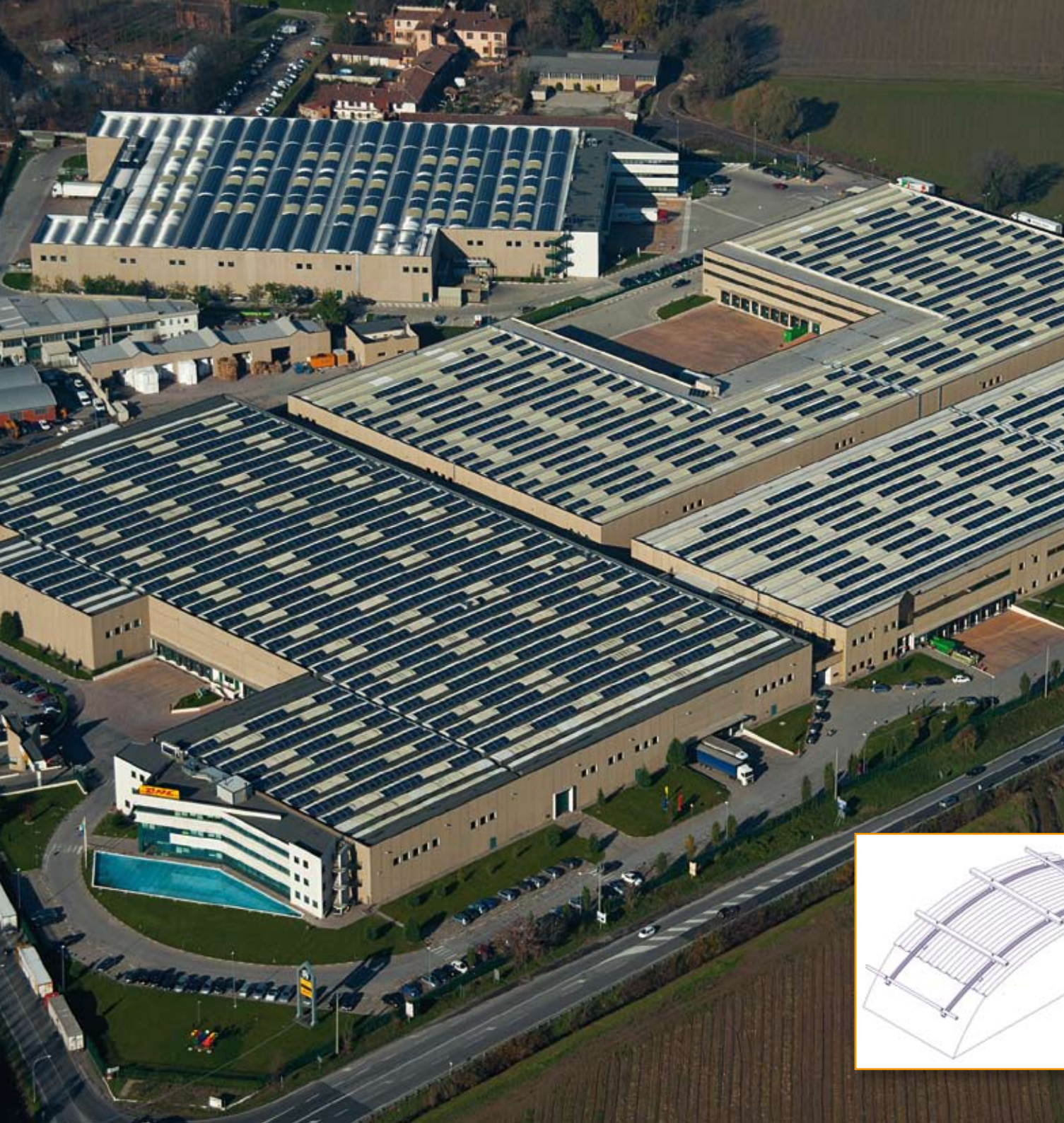
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Milano, Italy
capacity 7.2 MWp



Profile of the solar plant Milan

Basic data

Size of area:	111,530 m ²
Location:	Milan, Italy
Installed capacity:	7.2 MWp (nominal, DC)
Electrical design:	11 SMA outdoor central inverters CP 630, CP 500
PV modules:	31,068 PV modules in approx. 1,410 strings (225 Wp each, Si, polycrystalline; Solarworld)
Global Solar Irradiation:	1,365 kWh / m ² / year (in horizontal plane)
Specific yield:	approx. 1,025 kWh / kWp p.a. ("normal" year)
Performance Ratio:	approx. 80 %
Energy yield:	approx. 8,800,000 kWh per year (first full year)

Ecological profile

CO ₂ savings	approx. 5.3 t per year
Clean energy for	7,300 citizens (approx. 1,200 kWh per year / citizen energy consumption)

