SOLARSOLUTIONS-TORINO

SMART STORAGE · EV CHARGING · GREEN HVAC

Italy’s energy transition

Italy has made substantial progress in the adoption of renewable energy. Solar installations are increasingly combined with battery storage to enhance energy independence and grid stability.

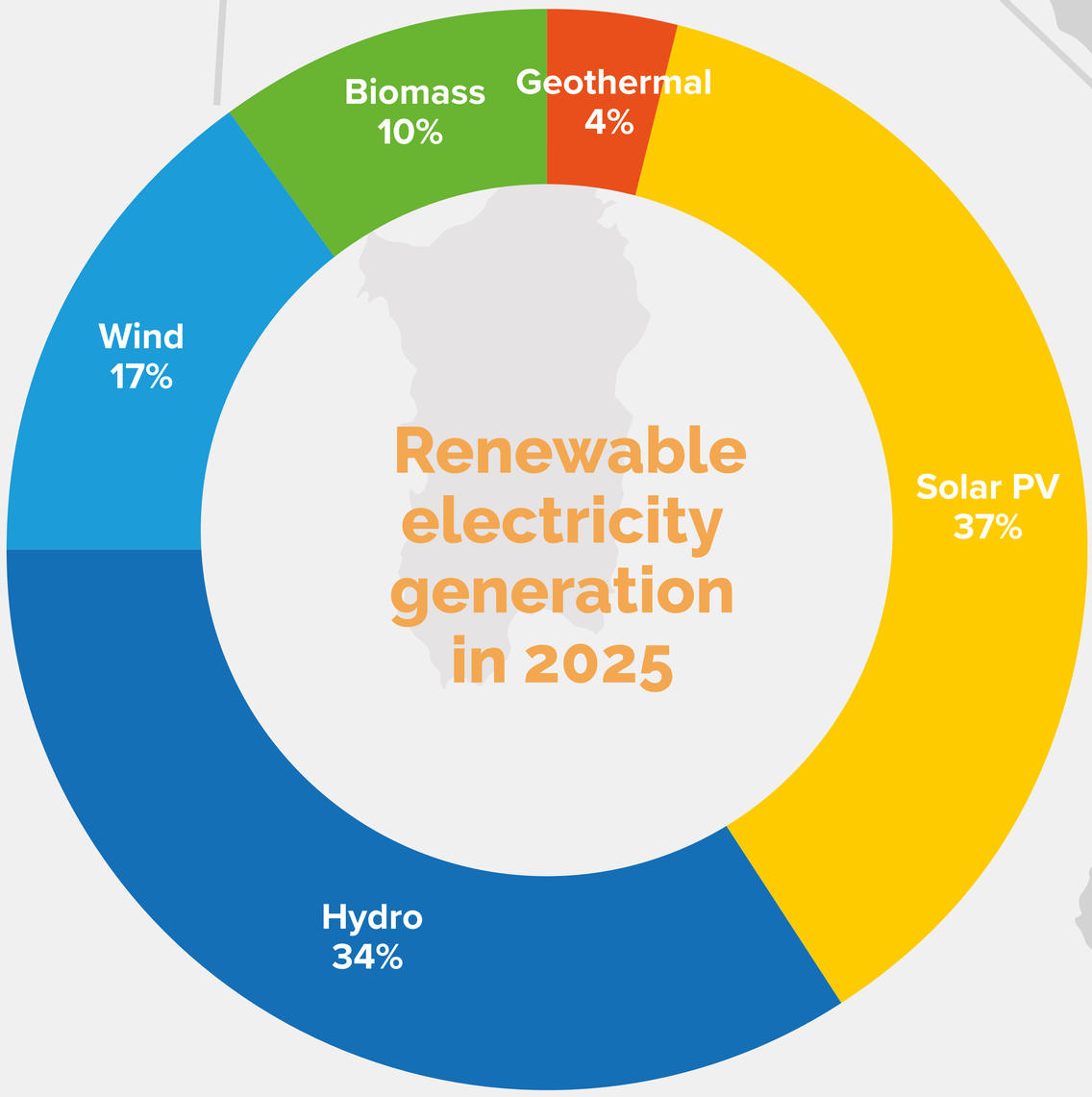
The expansion of charging networks and the integration of renewable energy into heating systems, such as heat pumps, further support Italy’s energy transition. These developments are why we have identified these four topics as key pillars of our summit.

Torino

As of August 2025, Italy’s total installed PV capacity reached 40.8 GW, with projections indicating that by year-end the country may reach almost 43 GW, representing an increase of about 5.8 GW or

16%

compared to the end of 2024.



Northern Italy (+Tuscany) is with

31 million

inhabitants a key industrial hub with high energy demand, driving the need for more renewable energy like solar.

Cumulative electricity generation from January to September 2025 totaled

101 TWh

from renewable sources, surpassing the 99 TWh generated from fossil fuels.

EIB, Natixis CIB, and Sunprime Group agreed on a

€204 million

investment to build and operate 100+ solar plants across Italy.

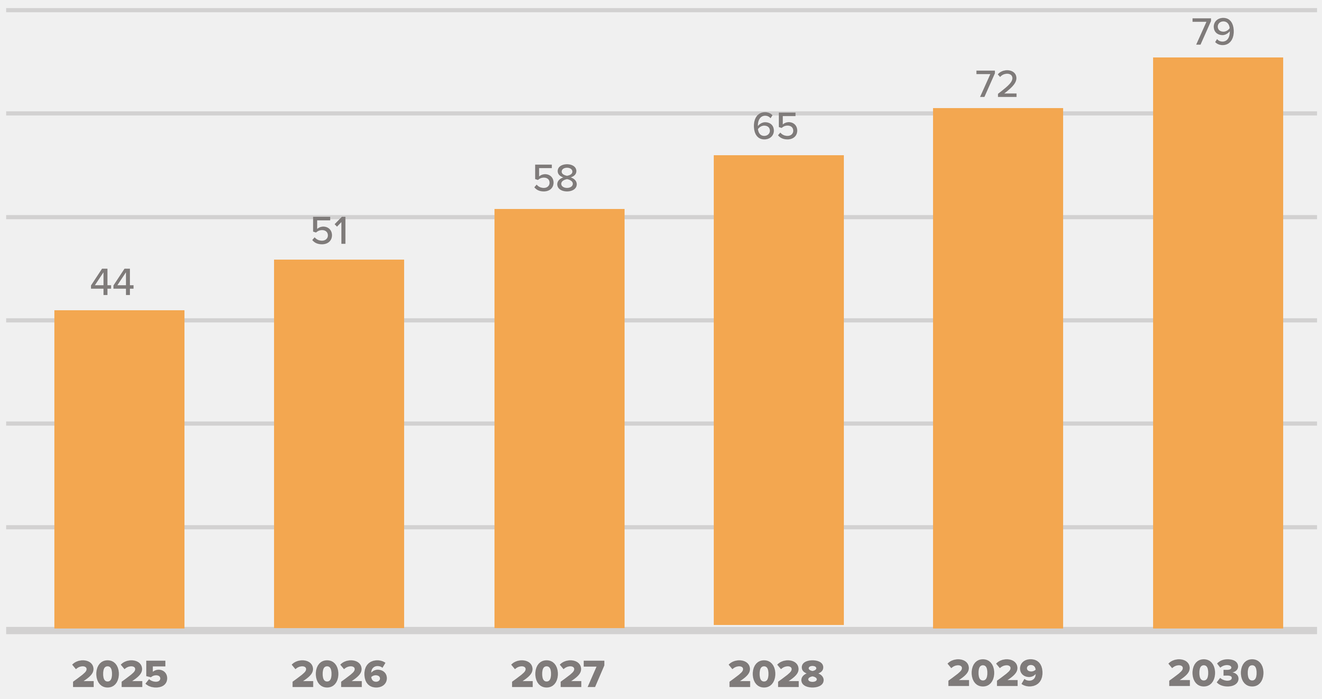
Italy is one of Europe’s high potential markets

“With 3.9 GW of new solar PV capacity installed in the first eight months of 2025, Italy is projected to close the year with a total of 42.7 GW of solar capacity. By September 2025, solar generation had reached 37 TWh, surpassing the 36 TWh recorded during the whole of 2024. As a result, renewable sources accounted for 56% of Italy’s total installed power generation capacity. By the same month, the country had also reached 7.1 GW of battery storage systems, with a total capacity of 17.3 GWh distributed across 837,000 devices.”

Hrvoje Medarac, PHD
Head of Dutch New Energy Research

Promising forecast

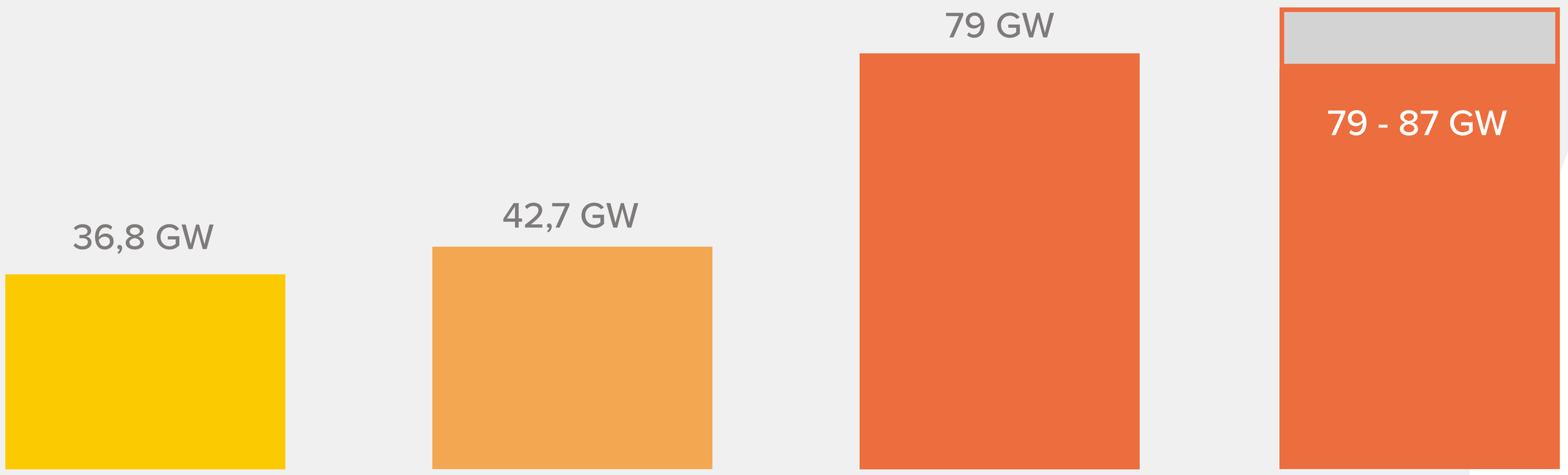
According to the Italian National Energy and Climate Plan (NECP), the target for 2030 is 79 GW, requiring an additional 35 GW of solar capacity over the next five years, equivalent to an annual average of 7 GW.



By 2050, Italy's energy system is likely to have shifted away from fossil fuels,

cutting all remaining CO_2 emissions.

2030 Targets



Industry Partners

Seminar Partners

Media Partner

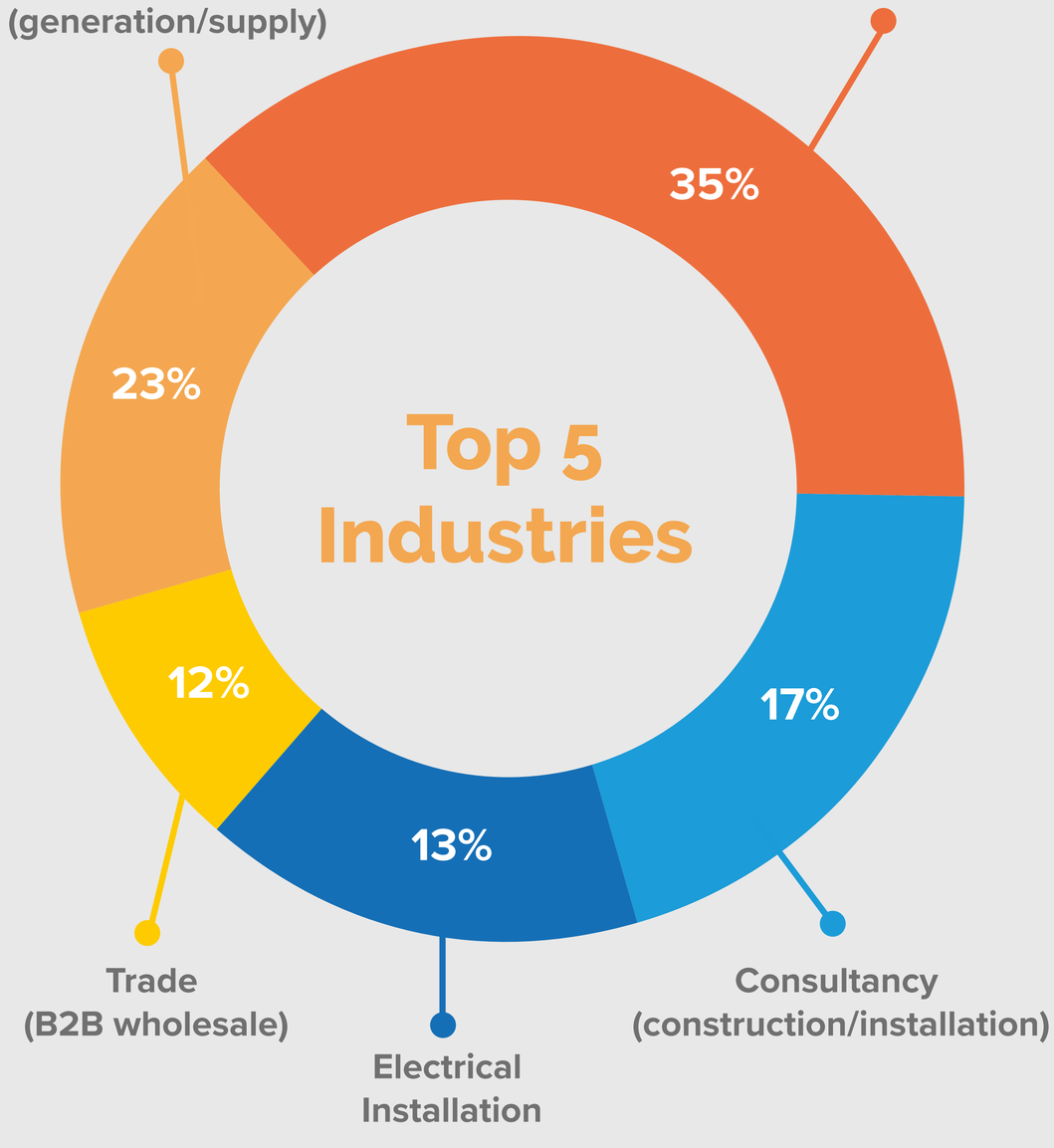
Visitor profile Solar Solutions Torino

Visitor analysis

Visitor analysis	Total
Total exhibitors	36
Total visitors	932

Top 3 country of origin

Italy	75%
Europe, others	15%
China	10%

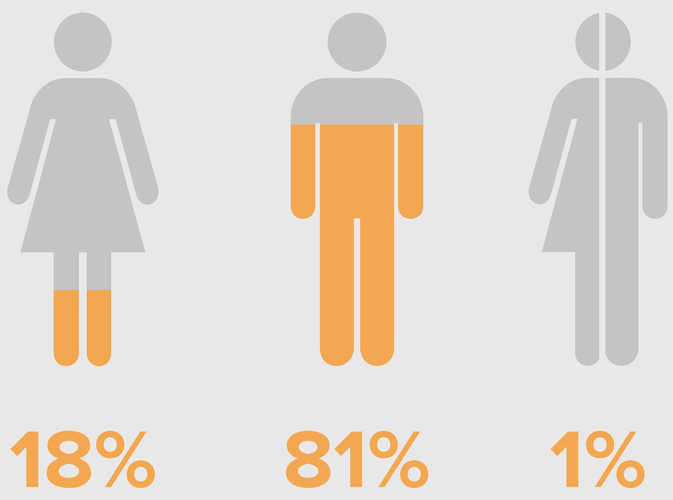


Our visitors are decision makers

Our audience consists primarily of key industry decision-makers:general managers, business owners, and professionals across a wide range of technical and commercial roles. They are joined by representatives from leading institutions, trade associations, and the academic and research community, including the Politecnico di Torino, who bring exceptional scientific and educational insight. This unique mix ensures that Solar Solutions Torino becomes the meeting point for the people and expertise driving the future of the solar industry.

Top 5 Functions

1. Managing Director	22%
2. Senior Management	19%
3. Business Owner	19%
4. Technical Employee	18%
5. Other	22%



Gender in the industry

Currently, over 80% of professionals in our industry are men. We are actively committed to initiatives that increase visibility and opportunities for women and non-binary individuals in this male-dominated sector. Through inclusive programs, role models, and targeted support, we aim to contribute to a more balanced representation and help make the industry more attractive and accessible to everyone.

Proven success formula

Backed by over a decade of successful renewable energy exhibitions across Europe, we're proud to be at the forefront of driving sustainable innovation.

Scan to see the agenda!

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SUSTAINABLE SOLUTIONS KORTRIJK

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