



Italy

Installed Capacity*



Hydroelectric: 22,712 MW



Solar FV 22,698 MW



Wind 11,276 MW

*Source: IRENA

Energy Technology



Offshore Wind Farm



Blue and Green Hydrogen

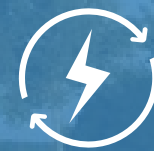
Representation

- ANEV: Italian Wind Energy Association
- ARERA: Italian Regulatory Authority for Energy, Networks and Environment
- ENEA: Italian National Agency for new technologies, energy and sustainable economic development
- Eletticità futura

Energy Goals

2030:

- Reach 50 GW of photovoltaic solar power capacity
- Targets:



Renewables 186.8 TWh of electricity, including 74.5 TWh solar and 40.1 TWh wind. Solar thermal: 880 MW



Biomass reduction of installed capacity 3,764 MW



Geothermal: 950 MW
Renewable goal is to reach a 30% share of final consumption by 2030

2050:



20% penetration of hydrogen in final energy demand



Regulation



Decree Law no. 4/2022 as converted into law no. 25/2022

Known as DL Sostegni-ter, it introduced a temporary compensation on extra-revenues of PV plants benefiting from fixed premiums under I, II, III, IV Conto Energia and non-incentivised RES plants which came into operation before 2010



Decree Law no. 21/2022 as converted into law no. 51/2022 and amended by Decree Law no. 50/2022 as converted into law no. 91/2022

Known as DL Taglia Prezzi, it introduced an extraordinary contribution equal to 25% to be paid by electricity generation and trading companies in 2022.



Decree Law no. 17/2022 as converted into law no. 34/2022

Known as DL Energia, it established new simplification for the permitting process of renewable plants and identified new suitable areas for the installation of RES plants

