

Renewables 2022 Global Status Report Switzerland Factsheet

Key Headlines:

- **Renewables energy shares and targets**
 - Switzerland installed an additional 0.6 GW Solar PV power, bringing its cumulative capacity to 3.6 GW in 2021.
 - Switzerland's market for heat pumps grew 20% in 2021 and heat pumps accounted for more than half of heating devices sold in the country.
- **Renewable energy policies and fossil fuel phase-out**
 - Switzerland allocated USD 521 million for solar rebates in 2021.

SWITZERLAND ENERGY STATISTICS

GDP	748 billion USD as of 2020
Population	8,637,000 as of 2020
USD invested in renewables in the region	Europe invested 79.7 billion USD in renewables in 2021, equivalent to the GDP of Luxembourg in 2020.
Total installed capacity of renewable power	17.7 GW – Switzerland generates more than 95% of its energy needs from renewables
Renewable energy developments in past 10 years	Renewable energy share in final energy demand increased by 28.5% between 2009 and 2019.

RENEWABLE ENERGY POLICY SITUATION IN SWITZERLAND

Indicator	Sector and year
Renewable energy targets	<ul style="list-style-type: none"> • Power: 100% by 2026. The Swiss Energy Act includes the target of an annual additional renewable electricity generation of 5 400 gigawatt-hours (GWh) by 2030 as compared to 2000 and of which 2 000 GWh are to come from hydropower.
Net-zero target	A proposed net-zero target by 2050 is under discussion.
Renewable energy policies	

<i>New policies in 2021</i>	<ul style="list-style-type: none"> By 2030, 30% of all newly sold trucks and buses must not emit CO₂, and by 2050 all CO₂-emitting trucks and buses must not be in operation.ⁱ
City /subnational targets	<ul style="list-style-type: none"> More than 7 Swiss cities with 15 RE, P, H&C or T targets in 2021. Four Swiss cities with net-zero targets (Basel, Geneva, Lausanne and Zurich).

GLOBAL RANKINGS

Total renewable power capacity, end-2021 (GW)	Renewable power capacity per person, not including hydropower, end 2021 (GW)	Leaders in renewables share in total final energy consumption, end 2019 (%)
1. China	1. Iceland	1. Iceland
2. USA	2. Denmark	2. Norway
3. Brazil	3. Germany	3. Sweden
4. India	4. Sweden	4. Tajikistan
5. Germany	5. Australia	5. Brazil
20. Switzerland	28. Switzerland	18. Switzerland

CONTACT PERSON

Yasmine Abd El Aziz, REN21, tel + 33 6 52 25 69 25, yasmine.abdelaziz@ren21.net

ⁱ On the initiative of the Netherlands at COP26, fifteen countries and several transport companies signed an agreement that aims for all new heavy-duty vehicles (e.g. trucks) and buses to be emission-free from 2040 to achieve carbon neutrality in 2050. The agreement has been signed by 15 countries including: Austria, Canada, Chile, Denmark, Finland, New Zealand, Norway, Scotland, Switzerland, Turkey, the United Kingdom, Uruguay and Wales, Austria, Canada, Chile, Denmark, Finland, New Zealand, The Netherlands, Norway, Scotland, Switzerland, Turkey, the United Kingdom, Uruguay, and Wales.