

THE STATE OF RENEWABLE ENERGIES IN EUROPE, 22nd EDITION

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The EurObserv'ER project has released its annual report: The state of renewable energies in Europe. Dedicated CHAPTERS and KEY DATA include:

Energy indicators

- 23.0%** RES share in total EU gross final energy consumption in 2022 (21.9% in 2021)
- 41.2%** RES-E share in gross EU-27 electricity consumption in 2022 (37.8% in 2021)
- 24.8%** Share of total final energy consumption from RES for heating and cooling (23.0% in 2021)
- 1 155 TWh** RES-E generation in the EU-27 in 2022 (1 093 TWh in 2021)
- 48.7 GW** Electricity storage capacity installed in the EU-27 at the end of 2023 (44.4 GW in 2022)

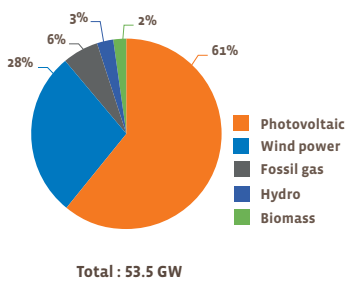
Socio-economic indicators

- 1.69 mln** Jobs in the EU renewable energy industry in 2022 (1.47 million in 2021)
- € 210 bn** Turnover by renewable energy sources in EU-27 in 2022 (€185 bn in 2021)

Avoided fossil fuel use and avoided expenses

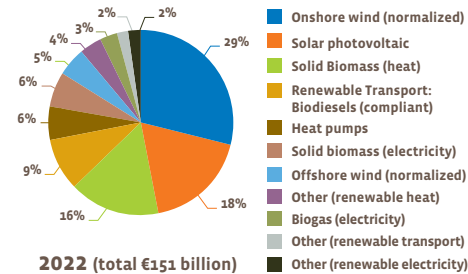
- 192 Mtoe** EU-27 substituted fossil fuels (185 Mtoe in 2021)
- € 151 bn** EU-27 avoided expenses through renewables (€74 bn in 2021)
- 604 MtCO₂eq** Averted GHG emissions through renewable energy use in the EU-27 in 2022 (581 MtCO₂eq in 2021)

Distribution of additional electrical capacities connected to EU-27 grids in 2022 by technology



Source: EurObserv'ER - Ember

EU-27 avoided expenses through renewables in 2022



Source: EurObserv'ER based on EEA data

41.2%

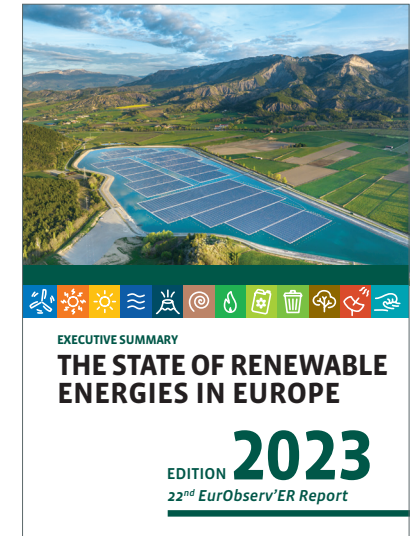
EU-27 RES share in gross electricity consumption in 2022

€ 210 bn

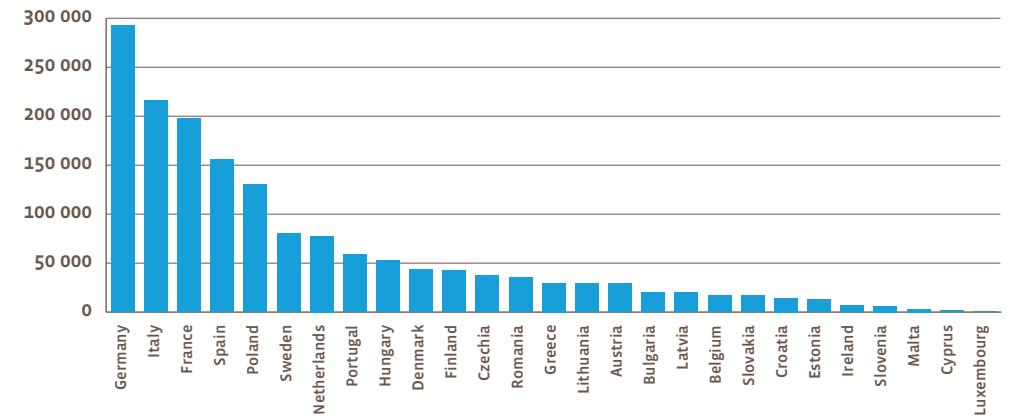
Turnover generated by renewable energy sources in EU-27 in 2022

604 MtCO₂eq

avoided GHG emissions through RES consumption in the EU-27 in 2022



Gross renewable employment (data for 2022)



Source: EurObserv'ER

FURTHER INFORMATION

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