

RWE



Hydrogen@RWE

Short introduction of RWE

RWE Generation SE

Oct 10, 2024



Energising the future. For 125 years.

Now, RWE is shaping the new energy era.



1898
The future starts today – 125 years ago.



Commissioning of RWE's first hydropower plant.
1905



1928
RWE builds the first cross-regional high-voltage transmission line.



Lignite is the key to affordable electricity.
1914



1970s
Security of supply thanks to nuclear power.



Powering the economic miracle.
1950s



1976
RWE researches, develops and tests renewables.



RWE commissions North Hoyle in the UK – one of the world's first commercial offshore wind farms.
2004

2016
Stock market launch for retail and grid business and foundation as generation-only company.



2019
Transaction with E.ON.

RWE becomes one of the world's leading generators of renewable electricity.

2023
RWE Renewables Americas and Con Edison CEB combine to become RWE Clean Energy.



125 years RWE

Business model fully aligned with our strategic focus on the energy transition.

Core business

Offshore Wind



- Global offshore activities



Onshore Wind/Solar



- Onshore, solar and storage activities in
 - Europe & Australia
 - Americas



Flexible Generation



- Hydro, biomass and gas-fired power plants in Germany, UK, NL
- Hydrogen projects



Supply & Trading



- Trading/origination
- Gas & LNG
- Commodity solutions
- Gas storage



Non-core business

Coal & Nuclear

- German lignite operations (planned exit by 2030)
- German nuclear power plants (exit 04/2023, now dismantling)

35

GW Installed green capacity¹

¹Installed green capacity in pro-rata view // Note: Figures as of 30 Sep 2023.

Growth target backed by strong project pipeline

RWE with market leading growth target in electrolyser capacity

+2GW
RWE by 2030

Requirements for electrolyser investments

- Regulatory and political framework
- Support and funding schemes
- Reliable offtake agreements

RWE's hydrogen development pipeline

10 GW
pro rata

Mostly early-stage development projects

Selected hydrogen development projects:

-  GET H₂ IPCEI
 -  Eemshydrogen
 -  HyTech Hafen Rostock IPCEI
 -  HKW Tender
 -  H2@Hydro
 -  SW Industrial Cluster
- + various projects without external communication