



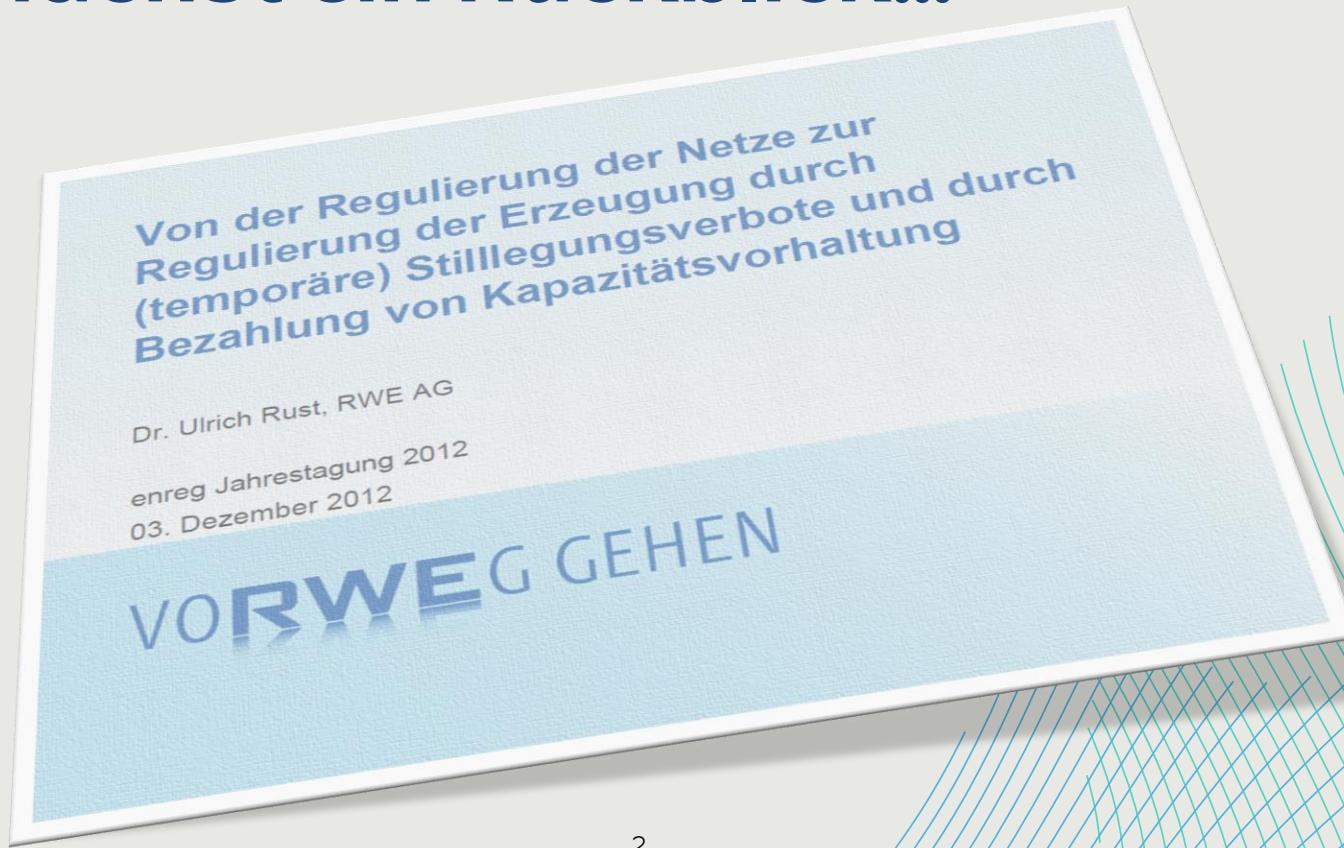
enreg Jahrestagung am 5./6. Dezember 2019

Neue Perspektiven für die Energiewirtschaft nach der RWE/E.ON-Transaktion

Dr. Ulrich Rust, RWE AG

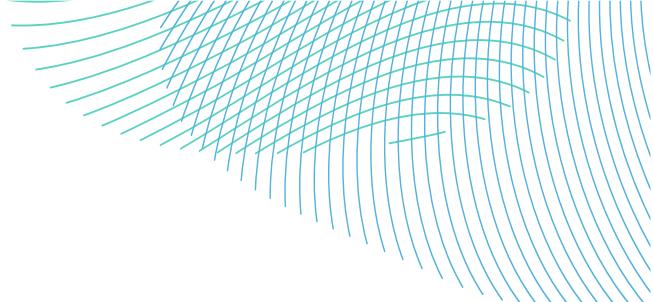


Zunächst ein Rückblick...

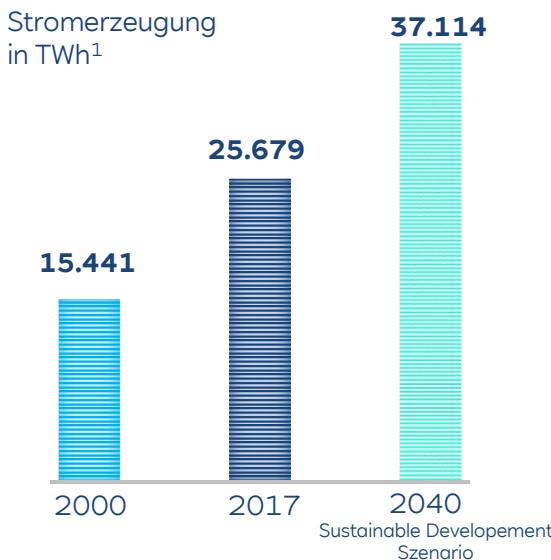


Die globale Herausforderung unserer Zeit:

Den steigenden Strombedarf decken und das Klima schützen.



Weltweiter Strombedarf steigt



Wesentliche Branchentrends



Elektrifizierung der **Mobilität**



Elektrifizierung der **Industrie**



Elektrifizierung der **Wärmeversorgung**

Wichtige Klimaschutzziele



Pariser Abkommen²
Beschränkung der
globalen Erwärmung
auf deutlich **unter 2°C**

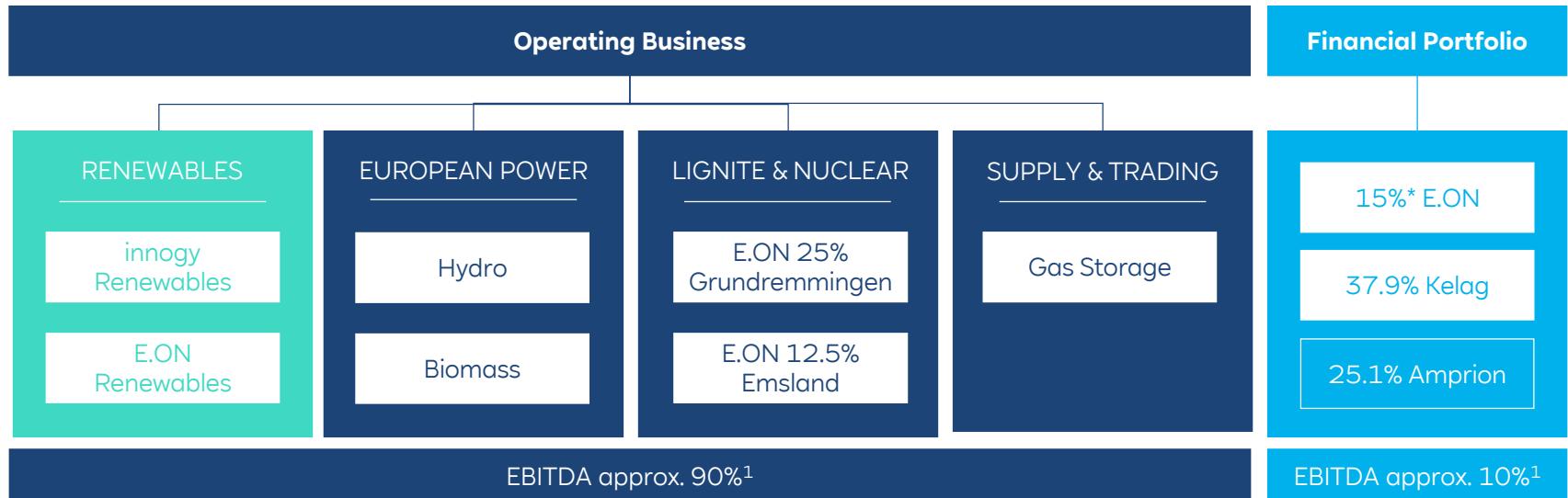


EU-28: **40%** Minderung
der Treibhausgas-
Emissionen von
1990 bis 2030³

Quellen: ¹International Energy Agency, World Energy Outlook 2018 | ²Paris Agreement der Klimarahmenkonvention der Vereinten Nationen (UNFCCC). ³ UNFCCC, European Union, Ratification Status, Paris Agreement, Date of ratification: 5 October 2016

RWE is reshaping its operating business and financial portfolio

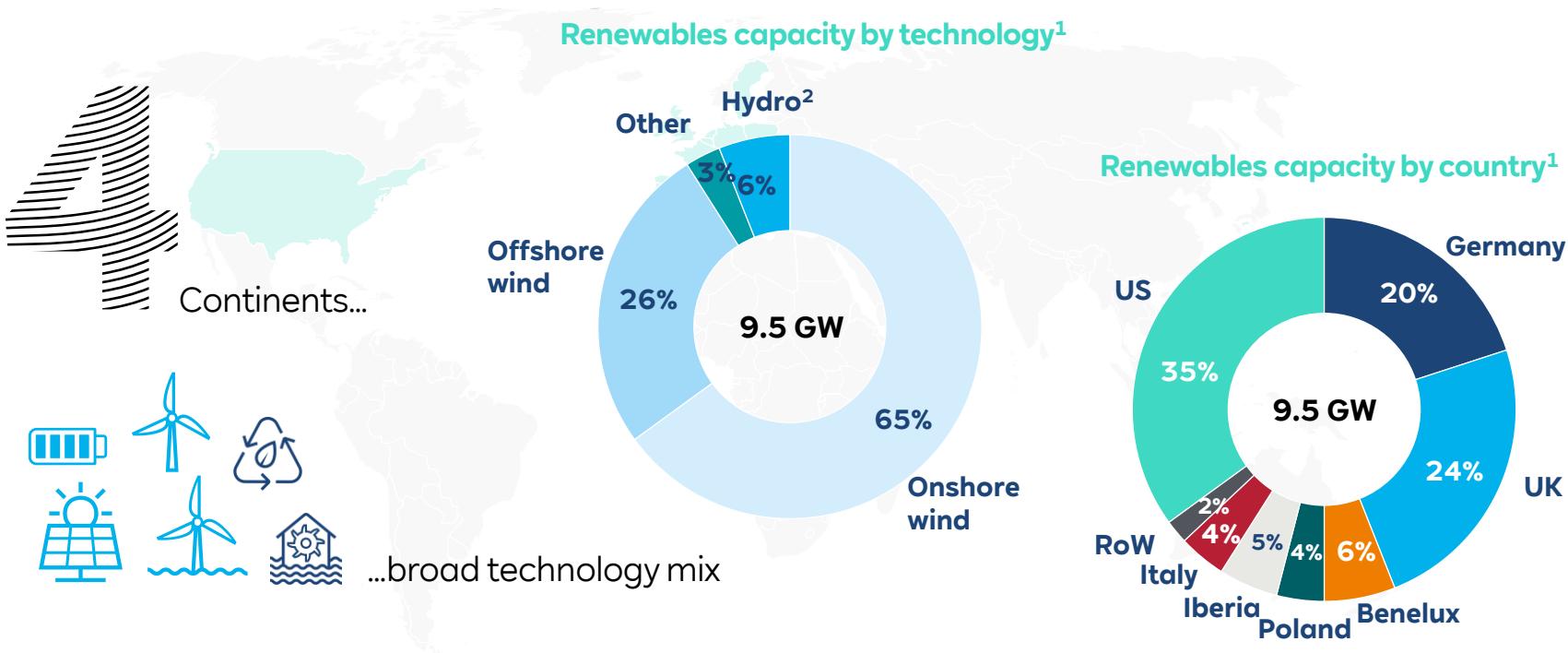
RWE



Expansion of RWE portfolio due to transaction.

¹ Expected future share of EBITDA. | *

A global player with a well diversified renewables portfolio

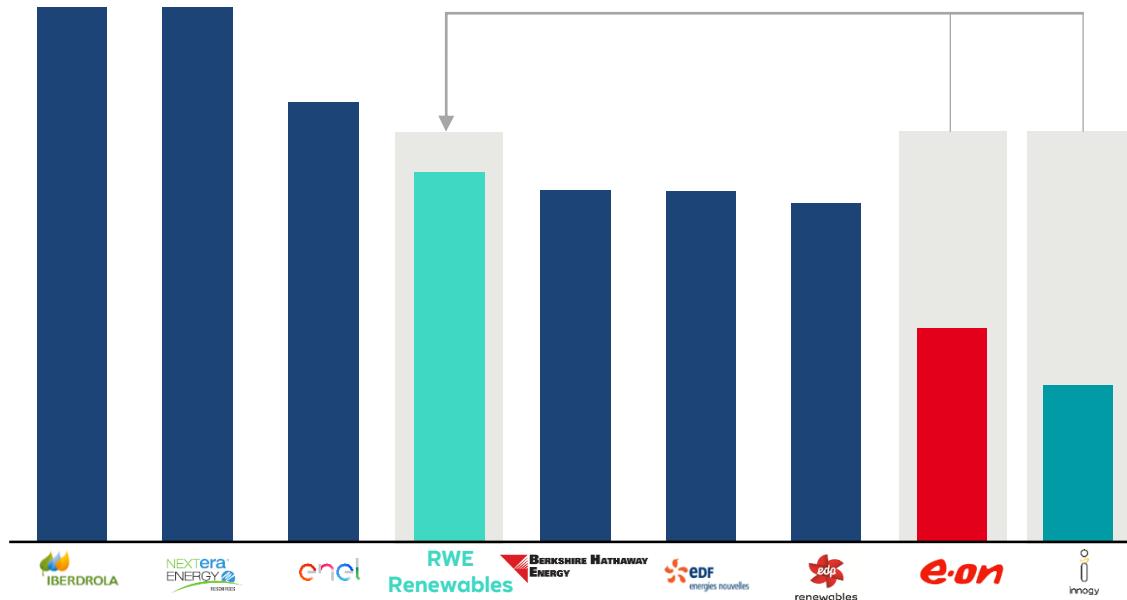


¹ Pro forma combined renewables capacity; E.ON and innogy portfolio as of 31 August 2019; RWE portfolio as of 1 January 2019. Pro rata view.

² Hydro and biomass assets to be transferred to European Power segment.

RWE Renewables well positioned from the start

Globally owned renewables capacity¹



No. 4 worldwide

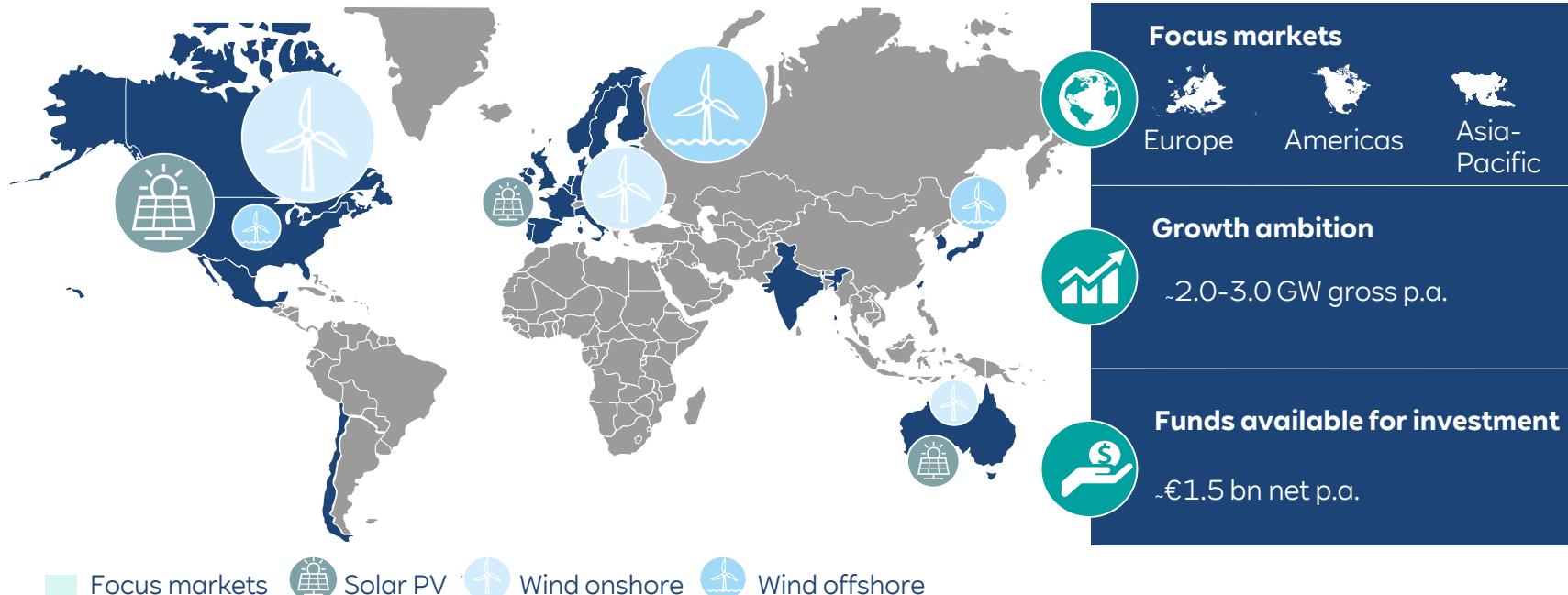
No. 3 in Europe

No. 2 in offshore wind

¹ Excluding Chinese players. Includes onshore wind, offshore wind, solar, small hydro, marine, geothermal and biomass. | Source: BNEF, as of 31 Aug 2019.

Strategic growth ambition to reinforce global leadership position

Focus markets¹



¹ Size of bubble indicates current approximate growth ambitions in GW.

RWE wächst gezielt und werthaltig mit erneuerbaren Energien.



Beispiel Solar:

In Limondale entsteht derzeit **Australiens** größtes Solarkraftwerk (349 MWp).

Beispiele Wind:

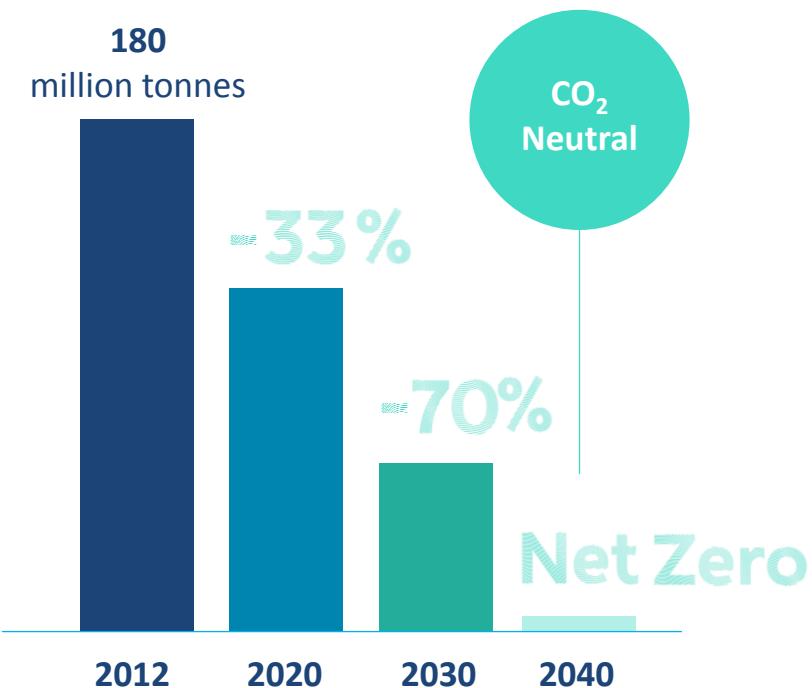
In **Texas** entstehen gerade derzeit der Onshore-Windpark Cranell, der eine Kapazität von 220 MW haben wird, das 151-MW-Projekt **Peyton Creek** sowie **Big Raymond** mit 440 MW. Vor der Ostküste **Englands** wird der Offshore Windpark **Triton Knoll** (860 MW) errichtet.



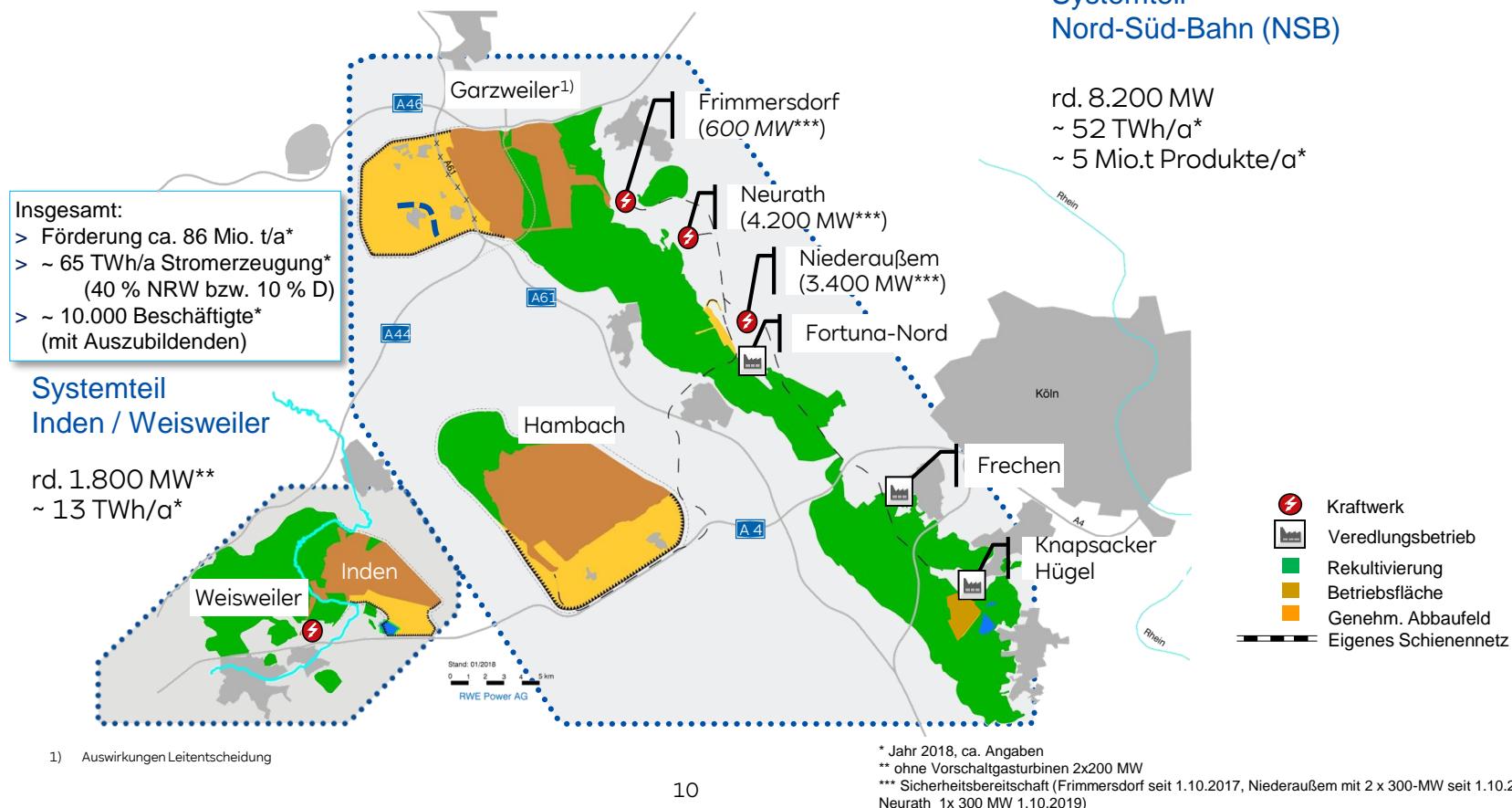
Gigawatt ist der geplante Zuwachs pro Jahr bei den Erneuerbaren Energien - gemeinsam mit Partnern.

Moving to net zero emissions and a sustainable energy system

- Reduction of **60 million tonnes** until 2018 compared to 2012 already achieved
- Further reduction based on:
 - Achievement of target share of **65% renewables** in Germany by 2030
 - **Full implementation** of the recommendations of the Commission on Growth, Structural Change and Employment
 - **Closure** of RWE's Inden lignite mine and Weisweiler power plant site in 2030
 - Biomass conversion and **coal exit** in the Netherlands completed by 2030

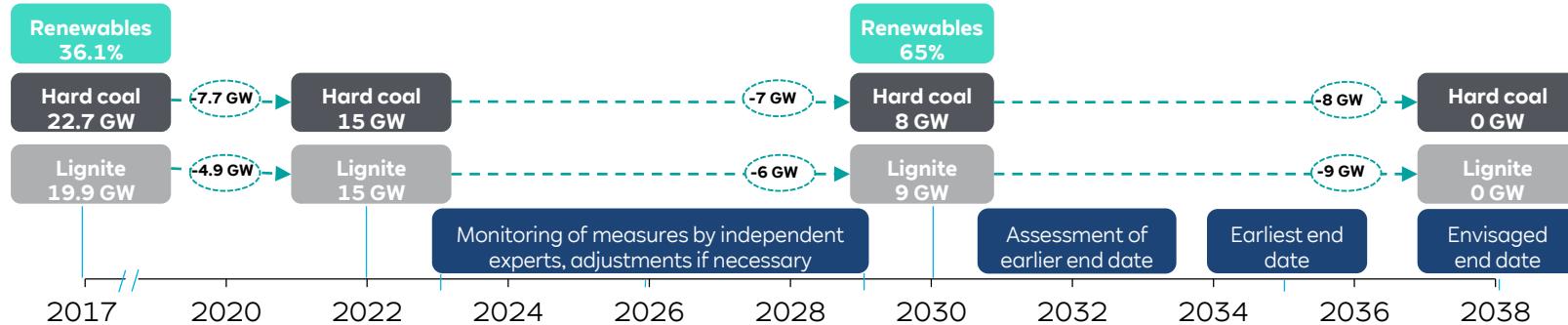


Übersicht Rheinisches Braunkohle-Revier



Roadmap of recommended German coal phase-out

Recommendations by the Commission for Growth, Structural Change and Employment of 26 January 2019

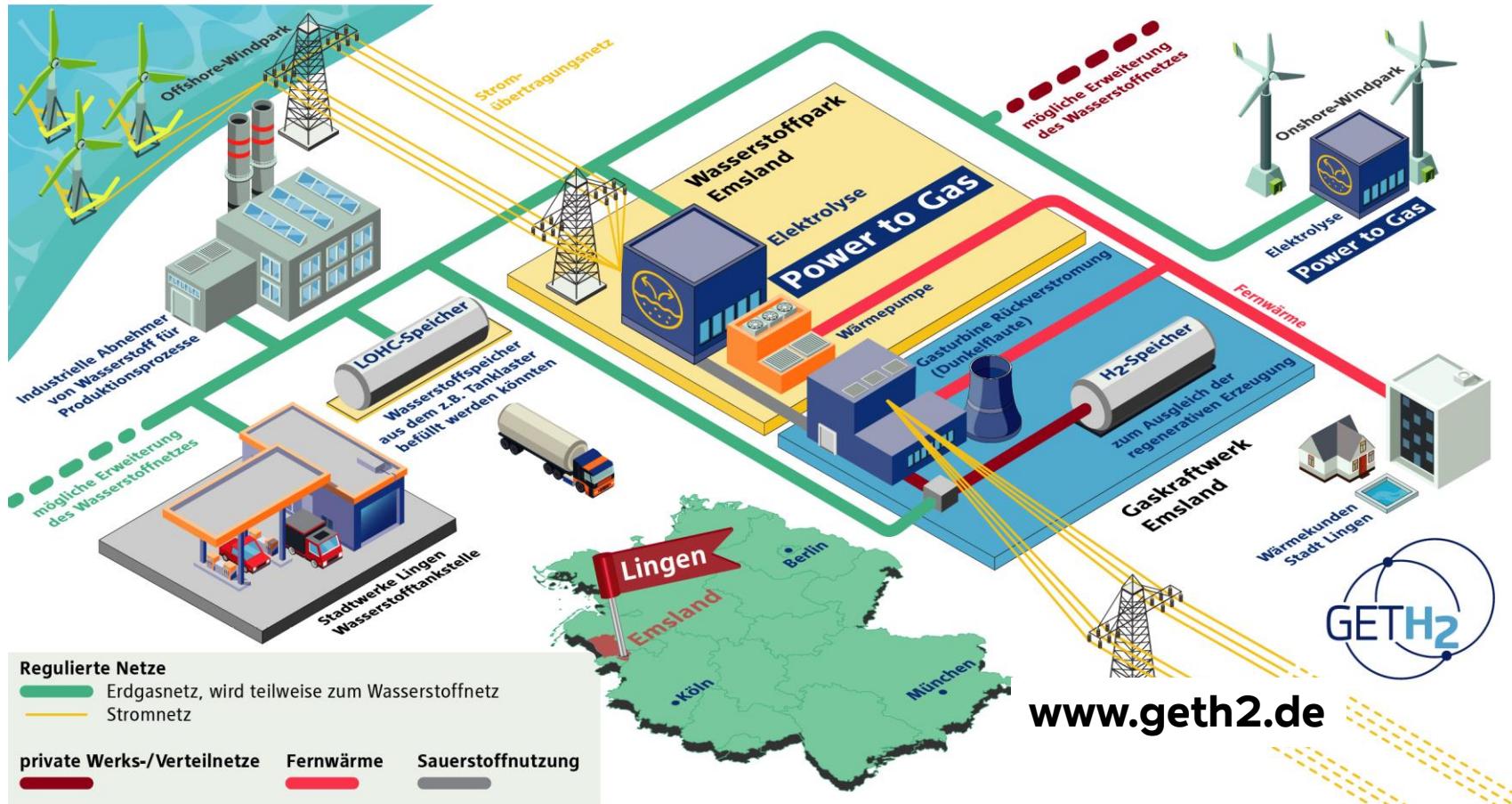


- Net closures (on top of ongoing measures/market driven decommissioning) of ~3 GW lignite and ~3 GW of hard coal by 2022
- By 2030 reduction to a total remaining capacity of 9 GW lignite and 8 GW hard coal
- No new coal plants to be commissioned
- Adequate compensation for shutdowns until 2030
- Review mechanism with regards to climate protection, security of supply, power prices, regional development and employment
- Reduction in CO₂ auctions corresponding to redundant certificates
- Desire to keep Hambach Forest

- >
- Challenging recommendations for RWE which need to be adequately compensated
 - RWE scenario analysis ongoing and negotiations with the German Government expected to last for several months

Source: Final report by Growth, Structural Change and Employment Commission as of 26 Jan 2019.

GET H2 - Projektskizze





**Vielen Dank
für Ihre Aufmerksamkeit!**

