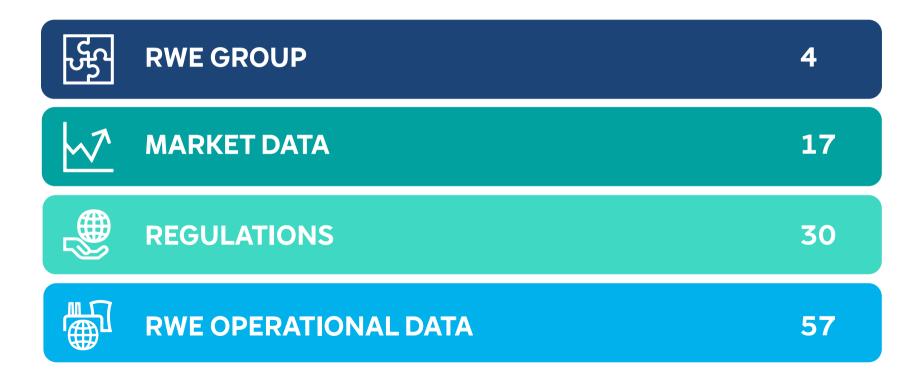


Disclaimer

This document contains forward-looking statements. These statements are based on the current views, expectations, assumptions and information of the management, and are based on information currently available to the management. Forward-looking statements shall not be construed as a promise for the materialisation of future results and developments and involve known and unknown risks and uncertainties. Actual results, performance or events may differ materially from those described in such statements due to, among other things, changes in the general economic and competitive environment, risks associated with capital markets, currency exchange rate fluctuations, changes in international and national laws and regulations, in particular with respect to tax laws and regulations, affecting the Company, and other factors. Neither the Company nor any of its affiliates assumes any obligations to update any forward-looking statements.

Contents



RWE GROUP









Company overview

Key facts

HQ Location Fssen

~20.000 **Employees**

Incorporation 1898

Profile & A leading renewable energy player Main activities supplemented by energy trading

Geographic footprint Europe, North America and APAC

Executive Board



Dr. Markus Krebber CFO



Dr. Michael Müller CFO



Zvezdana Seeger CHO

Key financials



Adj. EBITDA, breakdown by segment



Shareholders

Ownership

Other institutional shareholders	80%
Private shareholders	12%
BlackRock	7%
Employee shareholders	1%

¹ Note: As of 31 Dec 2020.

Market cap.

~€23bn1

Shares ~676mn









RWE at a glance

Driving force behind the energy transition – with a powerful position

Well established

robust company with strong financial performance



>120 year

track record ~20,000

employees

~€23 bn

market cap

~230%

total shareholder return 2017-2020

€2.4 bn

dividend payments 2017-2020

Experienced operator of flexible assets and strong commercial platform



~41 GW

generation portfolio

~147 TWh

power generated >15 GW

aas capacity

2.4 GW

hydro, biomass & pumped storage/ batteries

Top 500

blue chip customers rely on RWE's commodity solutions

A global leading renewables player with strong growth ambitions



9.4 GW

wind & solar capacity

~4 GW

under construction ~34 GW

development pipeline

€5 bn

net capex plan 2020-2022

~85%

EU Taxonomy eligible capex

Note: Data as of end 2020.



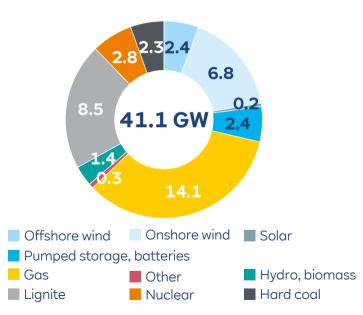






Unique generation portfolio combined with leading commercial platform

RWE's net generation capacity¹ (pro rata)



- Leading renewable player
 - GW installed wind and solar portfolio
- Leading European generator with balanced technologies
 - No. 2 gas fleet in Europe
 - **GW** installed flexible hydro, biomass and gas portfolio²
 - >30 hydrogen projects
- Strong commercial platform
 - ~1400 **TWh** of power & ~800 **bcm**³ of gas traded p.a.

Note: Figures may not add up due to rounding differences. I 1 As of 31 Dec 2020. I 2 Incl. pumped storage/batteries. I 3 Billion cubic metre.









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

Core

Offshore Wind



Global offshore activities

~1,100 employees

Onshore Wind/Solar



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

~2,400 employees

Hydro/Biomass/ Gas

- Hydro, biomass and gas plants in Germany, UK, NL
- Hydrogen projects
- Kelag stake
 - ~2,700 employees

Supply & Trading



- Trading/ origination
- Gas & LNG
- Commodity solutions
- Gas storage
 - ~1,800 employees

Coal/Nuclear

- German lignite and nuclear operations
- Hard coal plants
- 30% share in Dutch nuclear operator EPZ

~11,000 employees



Installed capacity¹

g/kWh

Carbon factor²

Page 8

¹ Pro rata installed capacity of core business. | ² Calculated for generation portfolio of core business. | Note: Figures for FY 2020.

RWE's Executive Board









Chief Executive Officer (CEO)



Dr. Markus Krebber

Born 1973, with RWE since 2012, Member of the Executive board of RWE AG since 2016. CEO since 2021.

Group departments

- Group Communications & Public Affairs
- Energy Transition & Regulatory Affairs
- Legal, Compliance & Insurance
- Mergers & Acquisitions
- Strategy & Sustainability
- Corporate Transformation

Chief Financial Officer (CFO)



Dr. Michael Müller

Born 1971, with RWE since 2005, Member of the Executive board of RWE AG since 2020, CFO since 2021.

Group departments

- Accounting
- Controlling & Risk Management
- Finance & Credit Risk
- Investor Relations
- Tax

Chief Human Resources Officer (CHO) & Labour Director



Zvezdana Seeger

Born 1964, with RWE since 2020. Member of the Executive board of RWE AG since 2020. CHO since 2020.

Group departments

- Business Services
- HR
- IT.
- Internal Audit & (Cyber-)Security

Supervisory Board







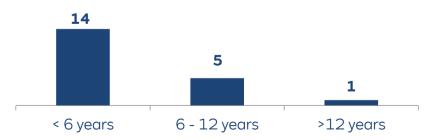


20 Board Members

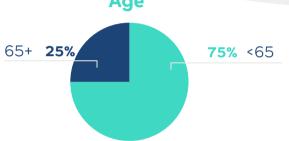


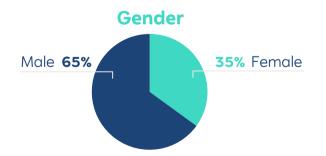
- shareholder representatives elected by the Annual General Meeting
- **employee representatives** elected by the employees of RWE AG & its group companies

Board Tenure in Years









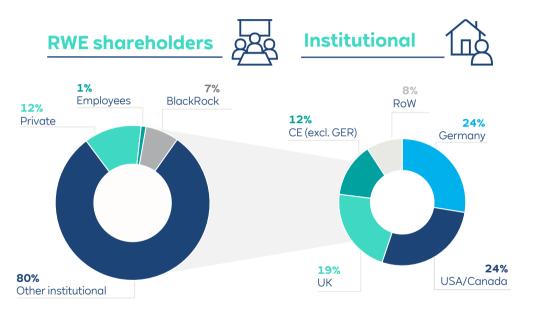








Shareholder structure of RWE AG



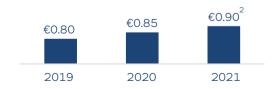
Share indicators

₽. RWE Group

2019	2020
4,745	676,220
27.35	34.57

Number of shares	thousands	614,745	676,220
Share price ¹	€	27.35	34.57
Market capitalisation ¹	€ billion	16.8	23.4

Dividend



Note: As of the end of 2020. I ¹ As of 31 December 2020. I ² Management target.









Capital structure

RWE net debt (as of 31 Dec 2020)¹ (€ bn)

Financial assets	11.8
Financial liabilities Adjustment for hybrid capital	5.0
Net financial assets (incl. hybrid capital adjustment)	6.8
Provisions for pensions and similar obligations	3.7
Provisions for nuclear waste management	6.5
Provisions for dismantling wind farms	1.1
Net debt of continuing operations	4.4

• X 2020 leverage factor²

- Targeted **leverage factor** of $\leq 3.0x$
- Net debt of €4.4bn after financial ring-fencing of coal phaseout liabilities
- Investment grade rating
 - Fitch: BBB+ with stable outlook
 - Moody's: Baa2 with stable outlook

Latest issuance

• Green bond: in June 2021 (€500m, 0.625%, 06/2031)

¹ Rounding differences may occur; net debt definition excludes financially ring-fenced coal phaseout liabilities and financial assets (receivables against German government). I 2 Net debt/ core adj. EBITDA (reported).











FitchRatings

RWE: BBB+, Stable Outlook

- On 25 March 2021 Fitch upgraded its rating view for RWE to BBB+ with a stable outlook
- The rating upgrade reflects RWE's continuous expansion in renewable business, which is carbon-free and mostly quasiregulated. It also reflects greater visibility over conventional generation provided by the coal exit agreement, the equity increase in 2020 and the compensation payment for the accelerated nuclear phase-out in Germany
- The expansion in the renewables business is positive for RWE's credit profile as it contributes to earnings stability and lowers the company's carbon footprint
- Fitch also considers the agreement on coal phase out as supportive of RWE's credit profile, because it eliminates uncertainty and provides a clear phase-out plan until 2038

Moody's

RWE: Baa2, Stable Outlook

- On **15 April 2021** Moody's upgraded RWE's issuer rating to Baa2 and the short-term rating to P-2. The outlook on all ratings was changed to stable from positive.
- The positive rating change reflects Moody's view that RWE's business profile is improving with its ongoing transformation from a pure conventional power generator to a renewables company. Furthermore it takes into account the company's strong operating performance in 2020
- The rating upgrade also incorporates Moody's view that RWE will maintain solid operating and financial performance and that the financial metrics will consummate with the higher rating level
- It also takes into account the reduction in RWE's conventional, carbon intensive, thermal fleet and the agreement with the Government of Germany on liquite phase-out









Sustainable Finance at RWE

EU Taxonomy: share of RWE's eligible business activities (2020)



















Sustainability-Linked Financing Instruments, Frameworks and Policies:

- Taxonomy-aligned KPIs integrated into RWE's Revolving Credit Facility
- RWE Green Bond Framework
- SUSTAINALYTICS
 SECONDPARTY
 OPINION
- €500m Green Bond

 ESG criteria integrated into third-party processes and in financial investments

¹ Following activities included: Offshore Wind, Onshore Wind, Solar, Hydro (run-of-river, pumped storage); all values calculated according to the current EU Taxonomy for Sustainable Finance.









RWE is strongly committed to the UN Sustainable Development Goals

Seven SDGs were defined as material in relation to the business activities of RWE



- 38% women on management board¹
- Part of **2021**Bloomberg Gender

 Equality Index; with above average rating for inclusive culture



- Leading operator of wind and solar with
 9 GW installed capacity
- Highly **efficient and flexible** power plant portfolio



- Strong employer with workforce of ~20,000 people
- Regional support for structural change and energy transition



 Focus on innovative technologies to support a carbonneutral transition for the future: hydrogen, storage technologies, floating offshore wind and floating PV



- CO₂ reduction by 62% since 2012
- 2030 emissions targets recognised by the SBT² Initiative
- Target to be climate neutral by 2040



- Recultivation programme with focus on biodiversity
- Increase in ecology in renaturalised mining areas



- Strict compliance requirements with RWE's Code of Conduct
- Member of
 Bettercoal to
 promote standards
 in supply chain





33.1 (0 to 100)³



A (from AAA to CCC)



63 (100 to 0) 12th out of 71 Multi and Water Utilities



B (Climate Change)

ISS ESG >

C+ (from A+ to D-)

¹RWE Group from May 1, 2021. | ² Science Based Targets. | ³ ESG Risk Rating Score by August 1, 2021.









Moving to net zero emissions and a sustainable energy system



Target to achieve **net zero** by **2040** includes all direct and indirect GHG emissions (Scope 1, 2 and 3)



Fully supportive and aligned with **Paris Climate Agreement**



Proven **track record** of carbon emission reductions with -62% power plant emissions in 2020 vs. 2012



RWE engaged in leading sustainability initiatives:











¹²⁰¹⁹ is the base year for our Science-based Target. | Note: Figures in million tonnes CO₂-equivalent. | For more information on our carbon footprint, please visit www.rwe.com/emissions

MARKET DATA



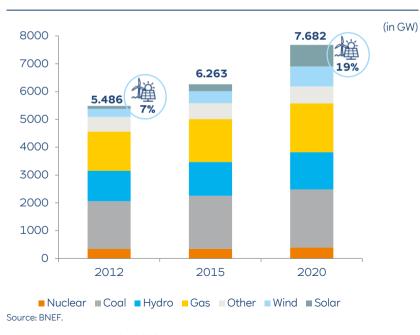




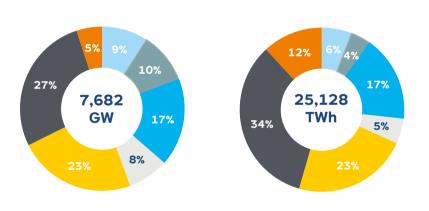


Global capacity and generation mix

Global installed capacity



Global installed capacity & generation in 2020



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2019

2018

2020







Relentless global growth of renewables compared to conventional capacity additions

2018

Source: BNEF.

2019

2020

Global wind and solar additions Global conventional additions (in GW) (in GW) Offshore ~122 GW p.a. ~145 GW p.a. Gas Onshore Utility-scale PV Nuclear 86 75 76 66 60 52 45 41 11

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Annual capacity additions







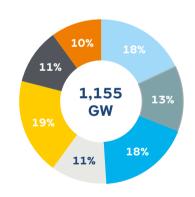




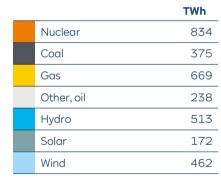
European power generation and capacity mix

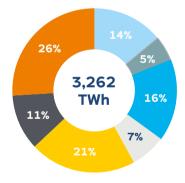
Installed capacity in 2020

GW Nuclear 117 Coal 131 Gas 223 Other, oil, batteries 122 Hydro 204 Solar 154 Wind 204



Generation mix in 2020





Source: BNEF.



European Offshore



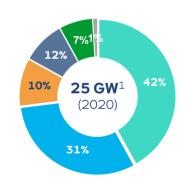






Offshore wind generating capacity

	GW	Turbines
UK	10.4	2,292
Germany	7.7	1,501
Netherlands	2.6	537
Belgium	2.3	399
Denmark	1.7	559
Rest of Europe	0.3	112
Total	25.0	5,400



LCOE² for offshore wind



¹Based on grid-connected turbines, incl. sites under construction. Source: The Crown Estate / Offshore wind operational report 2020. I ² Historic benchmark of Levelised Cost of Electricity (\$/MWh, real); global scope. Source: BNEF.











European Offshore

New European capacity installed in 2020

Netherlands	UK	Total ¹
1.49 GW	0.43 GW	2.87 GW
172 turbines	62 turbines	349 turbines
52.04%	15.13%	
Belgium	Germany	
Belgium 0.71 GW	Germany 0.22 GW	



¹ Incl. Portugal. Source: The Crown Estate / Offshore wind operational report 2020.









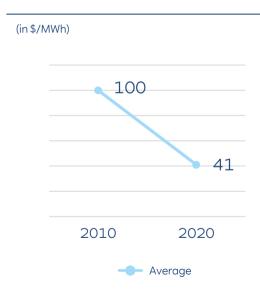


European Onshore

Onshore wind generating capacity



LCOE¹ for onshore wind



¹ Historic benchmark of Levelised Cost of Electricity (\$/MWh, real); global scope. I Source: BNEF.











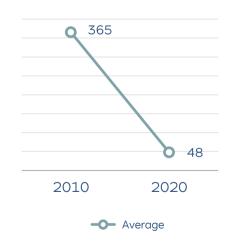
European Solar

Utility-scale PV generating capacity



LCOE¹ for PV (non-tracking)





¹ Historic benchmark of Levelised Cost of Electricity (\$/MWh, real); global scope. I Source: BNEF.







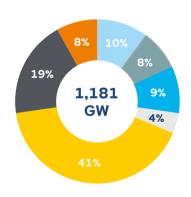




U.S. power generation and capacity mix

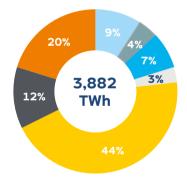
Installed capacity in 2020

GW Nuclear 99 Coal 227 Gas 490 Other, oil, batteries 52 Hydro 104 Solar 89 Wind 120



Generation mix in 2020

		TWh
	Nuclear	783
	Coal	474
	Gas	1,711
	Other, oil	113
	Hydro	289
	Solar	150
	Wind	362



Source: BNEF.







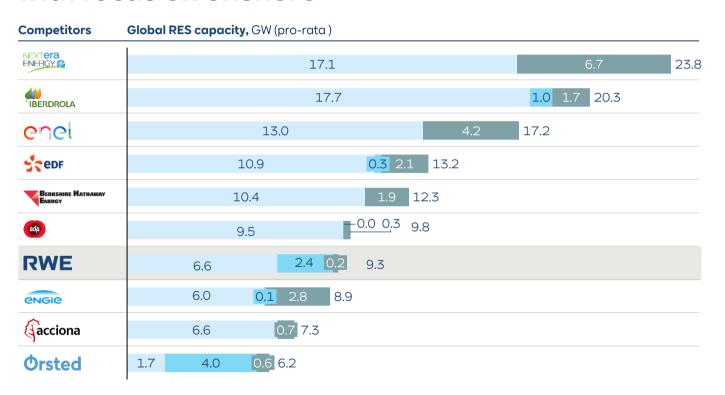
Onshore

Offshore

Solar PV



Global renewables competitive landscape with focus on onshore



Source: RWE and BNEF Renewable Asset Database as of July 2021.

 RWE
 August 2021
 Factbook 2021

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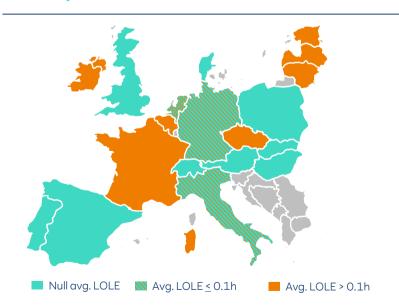




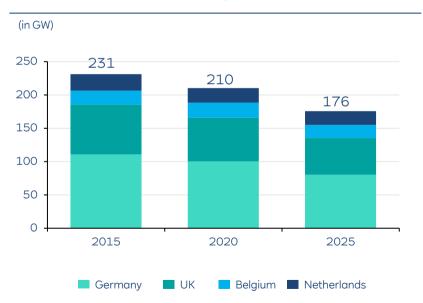


Controllable capacity in Europe significantly decreasing

Loss of load expectation (LOLE)¹ in Europe 2025



Installed controllable capacity in Central Western Europe²



¹ Expected number of hours where load cannot be supplied by local resources and imports. I ² Controllable capacity only, i.e. without PV and wind energy. I Source: entso-e Mid term adequacy forecast 2020; Low-Carbon scenario in 2025. For more historic data per country, please see local databases: BDEW for Germany, Digest of UK Energy Statistics (DUKE) for UK and Central Office for Statistics Netherlands (CBS).











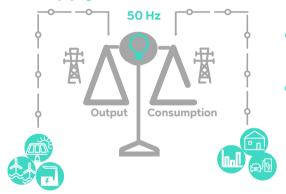
Continuous balancing of power supply and demand

The balancing market:

- A market operated by Transmission System Operators (TSOs) to maintain the power/frequency balance
- It is needed to ensure a continuous and stable frequency in the short term (e.g. when unexpected incidents occurpower plant outages)

Ancillary services:

 Necessary tools/products which TSOs contract from generators in order to maintain system stability and security



Maintains grid quality

System products

 Reactive power (voltage support) provides the important function of voltage regulation

Constraint Management

- Countertrading grid operators deal on exchange or OTC (Continental)
- (Regulated) Redispatch ramp-down or ramp-up power stations to relieve power flows from congested grid lines

Maintains energy balance

Energy products

- Frequency Control & Reserves to maintain system frequency at 50Hz ± x% and to provide additional energy when needed
 - UCTE / Germany: primary, secondary, tertiary and time control levels (FCR, aFRR/mFRR, RR)
 - UK: frequency response (FFR, MFR, EFR) and reserve (Fast Reserve, STOR, BM start up)

Dedicated to restarting the grid

Security products / emergency

- Blackstart ability to restart a grid following a blackout
- Intertrips automatically disconnect a generator
- SO-SO trading (system operator to system operator trades) – determines the direction of electricity flow

¹ Range of functions/products which Transmission System Operators (TSOs) contract from generators in order to maintain system stability and security.





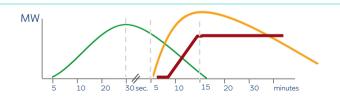




Overview of continental reserve category timescales

Primary reserve Secondary reserve **Tertiary reserve** Reaction time 30 seconds (100%) 5 minutes (100%) • 7 - 15 minutes (100%) System • UCTE1 Control area Control area **Activation** Automatic and decentralised Centralised (TSO): Centralised (TSO): activation via governor control active call through IT active call through phone/IT Reserved capacity 3.000 MW in UCTF Decided by TSO Decided by TSO • 1,400 MW joint auction (DE, FR, NL, (+/-2,000 MW in Germany) (+1.200 MW. - 700 MW in Germany) BE, CH, AU) Daily Daily Daily Auction · Pay-as-bid Pav-as-bid Remuneration Pav-as-cleared Synchronised generators: Storage and pumped storage hydro Storage and pumped storage hydro large-scale battery storage systems plants; gas turbine power plants; CHP; plants; gas turbine power plants; CHP; **Typical suppliers** large-scale battery storage systems other thermal power plants

A **sudden drop** in frequency triggers automated response to **correct the frequency**, followed by **manual interventions** by power system operators.



 $^{^{1}}$ The Union for the Coordination of the Transmission of Electricity.

REGULATIONS









Regulatory regimes for renewables (1/8)



US

	Support regime	Remuneration
Onshore	 Production Tax Credit (PTC) annually inflation-adjusted, paying out over 10 years. Full PTC value for projects that have begun construction before 2017, and then falling to 80% in 2017, 60% in 2018, 40% in 2019, 60% in 2020 until expiring in 2021. Projects must complete construction in 4 years. Renewable Energy Certificates (RECs) Mandatory procurement via Renewable Portfolio Standards (RPS)/ clean energy goals Modified Accelerated Cost-Recover System (MACRS): Accelerated depreciation for tax equity investors & developers over 5 years, majority of capex can be expensed in year placed in service (bonus depreciation) Investment Tax Credits (ITC) also possible, not inflation-adjusted 	Various revenue streams depending on state and market: • Tax credits via PTC (\$25/MWh) or ITC (30% of capper)
Offshore	 Investment Tax Credit (ITC) amounts to 30% for projects that have begun construction before 2020 and complete construction before 31 Dec 2023, then gradually decreasing until 10% for projects completing construction after 2023. Offshore Renewable Energy Certificates (ORECs) Mandatory procurement via Renewable Portfolio Standards (RPS)/ clean energy goals 	 capex) Energy revenues via wholesale market or PPA (10-20 years) Capacity revenue via market or part of PPA RECs via market or part of PPA
Solar	 Investment Tax Credit (ITC) Renewable Energy Certificates (RECs) Mandatory procurement via Renewable Portfolio Standards (RPS)/ clean energy goals Modified Accelerated Cost-Recover System (MACRS) 	









Regulatory regimes for renewables (2/8)





	Support regime	Remuneration ²
Onshore	 Renewable Obligation Certificate (ROC)¹ scheme no longer open to new projects First Contract for Difference (CfD) allocation round was in 2015. Recent announcement that onshore projects will be eligible for CfD in the 4th auction, opening December 2021 At auctions, bidders submit a price/MWh they want to achieve If they are successful, they will sell their power on the market, but receive the difference between market price and bid level from the government appointed contract counter party 	 Wholesale market + 0.9 to 1.0x ROC/MWh based on COD Current buy-out price per ROC: £50.80 (2022/22) Term: 20 years CfD: 2-sided indexed CfD Pay as clear Term: 15 years
Offshore	 Renewable Obligation Certificates (ROCs)¹ scheme no longer open to new projects Replaced by pay-as-cleared Contract for Difference (CfD) through auctions since 2015 	ROCs: Wholesale market + 1.0-2.0x ROC/MWh based on COD Current buy-out price per ROC: £50.80 (2021/22) Term: 20 years CfD: 2-sided indexed CfD Term: 15 years

¹ ROCs cannot be issued on generation after March 2037, so capacity accredited after 31 March 2017 will not receive 20 years of support. I 2 Support payments are linked to inflation (CPI index).



scoring criteria e.g. experience, risk

mitigation, innovation





Grid connection

provided by TSO



Regulatory regimes for renewables (3/8)



Offshore

Solar

Onshore

Pay-as-bid one-sided **Contract for Difference** (CfD) awarded through auctions since 2017 (after pilot auctions)

Since 2017 central auction system

in form of 20 year CfD (for projects

with COD after 2026). Developers

with projects in advanced stage &

participate to clear the market

COD in 2021 to 2025 can

- auctionsTerm: 20 years
- CfD price determined in competitive auctions with March 2021 average 5.03c/kWh
- Pre-tender phase and small scale assets receive Feed-in tariff

(compression model) depending from

Base tariff: €39/MWh for residual term

CfD price determined in competitive

the year of commissioning

waters/distance to shore

Initial tariff extended for deep

¹ Not linked to inflation, I ² With inflation correction for operational costs and for capex – it includes general government inflation outlooks – currently about 1.5% a year.









Regulatory regimes for renewables (4/8)



Spain



Italy

	Support regime	Remuneration ¹	Support regime	Remuneration ¹
Onshore	 Feed-in Premium, compensation since mid 2013 Auction system applicable since 2020 	 Market price + premium Term: 20 years or as soon as the plant has reached the reasonable return Auction design Pay-as-bid CfD through auctions 	Assets with COD until 2013: Feed-in premium (FIP) to market price Austion system applies blo	Wholesale market + premium Premium for year t: (180- market price t-1)*78% Term: 12 years for pre-2008 COD, 15 years for post-2008 COD
	SINCE 2020	nce 2020 Term: 12 years • Avg CfD price (Jan 2021 auction): €23.31/MWh • Auction system applicable since 2013	 Auction design Pay-as-bid CfD through auctions since 2013 Term: 20 years Avg CfD price (Feb 2021 auction): €65.17/MWh 	
	• Feed-in Premium, compensation since mid 2013	Market price + premium Term: 30 years or as soon as the plant has reached the reasonable return	Auction system applicable since 2013	 Auction design Pay-as-bid CfD through auctions since 2013 Term: 20 years Avg CfD price price (Feb 2021):
Solar	Auction system applicable since 2020	 Auction design Pay-as-bid CfD through auctions Term: 12 years 		€65.13/MWh
		 Avg CfD price(Jan 2021 auction): €24.47/MWh 		

¹ Not linked to inflation.









Regulatory regimes for renewables (5/8)





Sweden

	Support regime	Remuneration	Support regime	Remuneration
Onshore	Contract for difference (CfD), whereby CfD strike price is derived through auction process	 Wholesale market plus CfD premium to reach CfD strike price CfD price determined in competitive auctions 	Green certificate regime (ElCert) Joint green certificates market with Norway expected to phase out as of end 2021	 Wholesale market + 1 ElCert/MWh Term: 15 years
Offshore	See above	 Wholesale market plus CfD premium to reach CfD strike price CfD price determined in competitive auctions (€49.9/MWh in 2016 auction) 	See above	See above









Regulatory regimes for renewables (6/8)



France



Poland

	Support regime	Remuneration	Support regime	Remuneration
Onshore	 Feed in tariff (FIT) with direct marketing obligation until 2016 Small scale projects (6 turbines max, 3MW/turbine max, tower height <50m) can still benefit from FIT until 2021 Pay-as-bid 2-sided CfD awarded through direct contracting and tendering process since 2017. Since 2017 auction system in form of CfD 	 Pay-as bid CfD Term: 20 years Avg price (2021): €59.5/MWh 	Quota system with Green certificates until 2016 that will expire in 2031 for entitled assets Competitive auction based payas-bid Contract for Difference (CfD) since 2018	 1 green certificate/MWh current 2021 market price: €33.6/MWh Term: 15 years CfD price, annually CPI adjusted Dec '20 result: >1MW installed capacity: avg €50/MWh
Offshore	 Feed in tariff (FIT) with direct marketing obligation from 2012 to 2014 (6 projects) Pay-as-bid two-sided CfD awarded through a central auction system since 2015 for 20 years 	Pay-as bid CfDTerm: 20 yearsPrices not public	New scheme set up in 2021 Administratively awarded CfD for mature projects, requiring individual EU state aid notification decision and final CfD level confirmation by Polish regulator Competitive pay-as-bid auctions to award CfDs planned in 2025 and 2027	2-sided, CPI indexed, CfD strike price over 100k hours of full load generation Term: not longer than 25 years Administratively granted initial strike price at €71/MWh, pending possible downward adjustment for each individual project at EU and/or national level Max. bid prices remain to be set
Solar	Support mechanisms depending on the power of the unit: FIT through direct contracting for units <100kWc (roof) or through tendering process for units between 100kWc - 500 kWc (roof or ground) 2-sided CfD through tendering process for units > 500 kWc (ground)	 Feed in tarif (FIT) or CfD Term: 20 years Avg price (2021): €60.1/MWh 	See onshore	See onshore









Regulatory regimes for renewables (7/8)



Ireland



	Support regime	Remuneration	Support regime	Remuneration
Onshore	REFIT (Feed In Tariff) scheme – scheme closed to new entrants in 2015, so no longer available. Tariffs set on a technology basis, with rates indexed with CPI RESS – new pay-as-bid 2 sided Contract for Difference (CfD) introduced in 2020 for all onshore renewable technologies. Scheme requires mandatory €2/MWh community benefit funding Next auction due August 2022	 REFIT - Current (indexed) price for onshore wind / 5MW = €70.983/MWh Term: 15 years CfD price - first auction was pay-as-bid - average weighted bid price €74.08 per MWh - bids are not indexed Term - 15-16.5 years 	Green Certificate System for large scale renewables introduced on federal level in 1999 to facilitate 33 TWh target by 2020, phaseout until 2030 Additional support schemes on state level, so far auctions in Australian Capital Territory, Queensland and Victoria	 Wholesale market + 1 green certificate/MWh 2021 certificate price: 35 AUD, decreasing trend (not linked to inflation) Term: To be received until 2030
Offshore	 RESS - new 2 sided CfD (1st auction expected to be launched end 2020 with bids submitted in 2022). 2 further Offshore RESS auctions (currently planned for 2023 and 2025) 	 CfD first auction has not yet taken place, nor rules issued. Current expectation remains offshore auction rules will be broadly based on onshore auction process 		
Solar			See above	• See above









Regulatory regimes for renewables (8/8)





	Support regime	Remuneration	Support regime	Remuneration
Offshor	Feed-in-Tariff (FiT) for Offshore projects through auctions (50% qualitative and 50% price based assessment criteria) Feed-in-Premium to be phased in from April 2022 per technology, timing of applicability for offshore wind unclear yet. Feed-in-Tariff to be grandfathered for already awarded projects	 20 year pay as bid FiT No participation in green certificate markets if under FiT After FiT-award execution of standard PPA with local utility Prices not public 	Auction for grid allocation which also locks in Feed-in-Tariff (FiT) rate. Current auction draft foresees project size and price caps	20 year FiT pay as bid via PPA with state-owned utility at 4.6568 TWD/kWh Alternatively, option to pursue a CPPA through the market which could allow for "zero bid" in grid allocation process (as no need for PPA with state-owned utility) FiT not indexed



Offshore

- Mandated renewable quotas for energy suppliers, through Renewable Portfolio Standards (RPS), to steadily increase the renewable energy mix
- Renewable Energy Certificates (RECs) are used to meet the RPS requirements

- Wholesale market
 - + 2x-3.5x REC/MWh based on distance to the shore
- Producers can either sell their electricity and RECs on the spot market or sign long-term contracts with buyers
- 2021 sport price per REC: €23.261

¹ Average REC sport market price for May 2021 KRW to Euro conversion rate as of 31 May 2021.









Regulatory regimes for renewables - negative pricing rules



4-hour rule introduced for new installations, i.e. support payments are stopped for negative pricing events of 4 hours or more, hours with foregone support are recorded
for simple prolongation of 20y support period



• Exemption for small scale installation (<500kW) and pilot installations



• For installations commissioned before 2021 or with auction award before 2021 the previous 6-hour rule is grandfathered.



. Onshore: Compensation in the event of 20 or more negative hours (consecutive or not) during a calendar year if installation has not produced during these hours



· PV: Compensation in the event of 15 or more negative hours (consecutive or not) during a calendar year if installation has not produced during these hours



• 6-hour negative pricing rule



• The incentive of the CfD contract is not paid in case the energy market price gets below a defined minimum threshold ("waiver price"). Currently the waiver price is set to 0€/MWh. The government can also change this value.



• The incentive settlement of the CfD is suspended only in case the energy zonal market price is 0 or negative for more than 6 consecutive hours. The CfD contract duration is prolonged at end of the contract (20 years) by the amount of the energy that didn't get the incentive.



• Negative prices = 1 hour rule, i.e. no subsidy payments in non-positive price hours.

DK

No subsidy paid if market reference price is below €0 / MWh



No rules for previous scheme (Renewables Obligation) and first tranche of CfDs (Investment Contracts and Allocation Round 1)



6-hour EU rule was implemented for two CfD Allocation Rounds (Allocation Round 2 in 2017 and Allocation Round 3 in 2019)

UK

Going forward (Allocation Round 4 in 2021 and beyond), those CfDs will no longer be paid any difference payment when the market reference price is negative

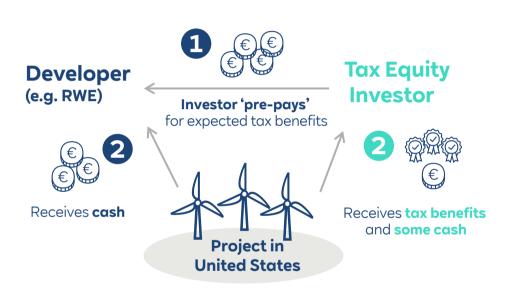








Tax Equity in the US - financing structure





- Tax Equity Investor invests into project to capture tax benefits, based on a pre-agreed financial return
- The developer continues to manage the project
- Tax Equity investment accounted as Debt under IFRS



 The benefits generated by the project will be split between the developer and the investor until the investor has reached a specified return on his investment (IRR)

 The developer repays the investor with a mix of tax items (production tax or investment tax credits and tax benefits from accelerated depreciation) and cash. In addition the Tax Equity Investor maintains a small residual interest in the project after repayment









Power Purchase Agreement (PPA) - tailored subsidy-free contract for long-term certainty

Characteristics & benefits



- PPAs provide **financial certainty** to a project developer
- Customers can avoid long-term commodity price risk
- Customers can achieve their carbon reduction goal cost-effectively
- With the secured income RWE can offer an even larger portfolio and more PPAs
- Additionally, customers can support the transition to a renewable energy supply

 A Power Purchase Agreement (PPA) is a long-term supply contract between a power company and a customer for (green) electricity. Power producers conclude PPAs either bilaterally with a consuming company (Corporate PPA), or with a trader who purchases the electricity produced and sells it on the market (Route to market PPA).



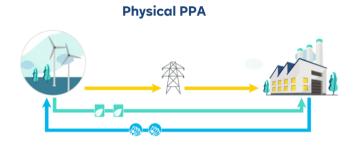






Power Purchase Agreement (PPA)

PPA Type



Main characteristics

- RWE delivers power **directly** to the customer and receives the PPA price
- RWE sells surplus power to grid
- The customer buys additional power from the grid/utility
- The customer receives **guarantees of origin** (where available)

Financial / Virtual PPA



- RWE delivers power to the grid and is reimbursed via its existing market access
- The customer buys power from the grid and pays the spot price
- RWE and the customer settle the difference between the spot price and PPA strike price
- The customer receives guarantees of origin (where available)









RWE's successful PPA footprint across the globe

Selected examples

Corporate PPAs



15 year tailored PPA with Honda for 120 MW wind farm in Oklahoma



10y PPA for a German PV asset (170 GWh) with Volkswagen



15 year CfD PPA for 15 year CID FI A 10. 860 MW **Triton Knoll** Offshore Windfarm



2.5 year portfolio PPA for 3TWh/a with **E.ON**



5-15 year agreement with **Deutsche Bahn** for offtake from Ambrumbank and Nordsee Ost offshore wind farm



10 year agreement with **Asahi,** a global brewery, for up to 80 GWh/a of green power supply



13 year offtake PPA for power, ROCs & REGOs for 219 MW Humber Gateway Offshore Windfram

Route to market PPAs





20year 150 MW renewable PPA with **TVA/Facebook** for a solar/storage asset in Tennessee



10 year PPA for a new solar project with Grifols, an IBEX 35 healthcare company



Route to market optimization PPA with Statkraft for the first **RWE** battery projects in Europe









Policy support for green technologies gaining momentum



European Green Deal

- 55% GHG reduction target by 2030 vs. 1990 levels
- 60 GW offshore wind capacity installed in 2030 with offshore wind to become the largest single source of electricity in Europe by 2040
- Also promoting emerging ocean energy technologies, e.g. floating solar and wind, and tidal energy
- 40 GW electrolyser capacity by 2030 producing up to 10 million tonnes of renewable hydrogen
- €750bn recovery package 37% earmarked for climate spending
- 2050 target to reach CO₂ neutrality



US Policy on Climate Change

- 50% reduction in U.S. GHG emissions from 2005 levels by 2030
- Carbon-free power system by 2035
- **30 GW** offshore wind capacity target by 2030¹
- Reioining the Paris gareement: administrative fast tracking and planned new seabed lease auction rounds.
- Proposals to create new ITCs and PTCs for clean hydrogen (e.g. Clean H2 Production Act)
- \$550bn massive infrastructure package incl. clean energy transition and ports supporting offshore wind development

¹ Announced by the White House end of March 2021. I Source: Europa.eu; eur-lex.europa.eu; congress.gov; whitehouse.org









Ambitious renewables growth targets (I/II)



Target of 30% renewable energy share¹ by 2030 (17% achieved in 2019)

DE

Switch to one sided CfD (Contract for Difference) tenders started in 2017



Taraet of 32% renewable energy share¹ by 2030 (19% achieved in 2020)





• Target of up to 27% renewable energy¹ share by 2030 (9% achieved in 2019)



One sided Contract for Difference awarded through auctions since 2011



Target of 42% renewable energy share¹ by 2030 (18% achieved in 2019)



New framework in place with auctions for CfD since 2021



Target of 47% renewable energy share¹ by 2030 (30% achieved in 2018)



Electricity market or guaranteed remuneration through public tenders



Target of 30% renewable energy share¹ by 2030 (18% achieved in 2019)





Target of 21% - 23% renewable energy share¹ by 2030 (11% achieved in 2018)



Support scheme based on CfD auctions effective since July 2016





- Target of 100% renewable energy share by 2040 (56% achieved in 2019)
- · Promoted through quota system, tax regulation and green certificates



- Target of 100% renewable energy share by 2040 (75% achieved in 2019)
- Promoted through a guota system including a certificate trading scheme



Target of over 50% renewable energy share¹ by 2030 (43% achieved in 2019)



- Promoted through a tender-based premium system and tax regulation



- Target of at least 50% renewable energy share by 2030 (37% achieved in 2019)
- Promoted through a premium tariff, net-metering and CfD auctions



Target of 34% share of renewable energy in energy consumption by 2030 (11% achieved in 2018) First onshore CfD auction took place in 2020 with further annual



auctions (including offshore only) expected Legislated net-zero emission target by 2050, with five-yearly carbon budgets



- replaced NECP targets. Sixth budget cuts emissions by 78% by 2035 compared to 1990 levels
- Two-sided contract for difference awarded through auctions

¹ Renewable energy share in gross final energy consumption; national targets and contributions foreseen in the draft National Energy and Climate Plan (NECP).









Ambitious renewables growth targets (II/II)



No Federal targets, only on state-level





• 80% of electricity from non-emitting sources like hydro, nuclear, wind and solar





• Growing power market with binding 35% clean energy power target by 20241





 High sustained power consumption growth, expected to continue, with a mandatory 20% renewables power target by 2025.¹



Fixed payment PPA contracts signed with distribution companies via auctions



- Country renewable energy target of 450 GW by the year 2030
- Promoted through feed-in-tariff, premium tariff and tenders on national and state level



Target of 20% renewable power production by 2030¹



 Mandated renewable quotas for energy suppliers, through Renewable Portfolio Standards



- Target of 22-24% renewables power production by 2030¹
- Regulated 20-year feed-in-tariff for onshore, tender for offshore opened in 2020



- Renewable energy target of 20% by 2025¹
- Feed-in-Tariff for offshore wind projects in competitive auction



- State level targets e.g. Victoria 40% renewables power production by 20251
- Green Certificates, CfD and fixed payments through competitive tenders

¹ Target on total power production, not overall gross final energy consumption (including transport & heating) such as in European markets.









Major regulatory measures for the European utility markets

	Market design	CO ₂ reduction	Renewables	Conventional generation
EU	Revised Electricity Market Regulation and Directive in force since June 2019, the latter to be transposed into national law by Member States by end of 2020 EU Green Deal: Fit for 55 package	EU Emissions Trading Scheme: Proposal for revision by EU Commission presented on 14 July 2021 EU long term (2050) GHG emissions reduction strategy; currently in development Green Deal: Climate neutrality in 2050, -55% until 2030	EU Renewable Energy Directive (RED): Proposal for revision by EU Commission presented on 14 July 2021	EU Action Plan "Zero Pollution for Air, Water and Soil" Industrial emissions directive: Proposal for revision announced Q3 2021 BREF-LCP (rolling process) Revision of Water Framework Directive not decided yet
DE	 Energy-only with strategic reserve components Revised grid fee system Acceleration of grid expansion & new provisions for redispatch Prolongation of CHP support Renewable Energy Act (REA) 	Climate Protection law Climate neutrality by 2045 Minus 65% by 2030 based on binding sectoral targets	 Renewable Energy Act (EEG) National implementation of REDII 	 Coal phaseout by 2038 BREF-LCP implementation finalised Nuclear exit & final storage regulation
UK	Energy Market Reform (EMR) with a Capacity Market; currently under 5 year review	 UK ETS with Auction Reserve Price Climate Change Act (2050 Target Amendment: Net zero target by 2050) 	CfD regime	 BREF LCP implementation Gas charging review 6th carbon budget (net zero power sector in 2035 under discussion)
NL	 Draft new Energy Law has been in consultation; 2nd draft to be published in summer 2021 Execution of National Climate Agreement 	 Climate law: CO₂ free in 2050 Introduction of national CO₂ price floor (Q4 '21/Q1 '22) Urgenda measure Eemshaven '21 - '24: 35% coal burning cap, compensated 	SDE+ regulation (Stimulation Renewable Energy) since 2011	Coal phaseout: end of 2024 for plants built in the 1990s and end of 2029 for plants built in 2000 and thereafter





EU ETS (reform process started)

- Established by the EU Emission Trading Directive; entered into force on 1 January 2005. Covers ~40% of EU greenhouse gas emissions
- Fit-for-55-Package by EU commission to reach targets of EU Green Deal (climate neutrality 2050, 55% reduction by 2030 vs 1990) presented on 14 July 2021
- Emissions under the system are capped and newly proposed to be reduced by 61% by 2030 vs 2005. This is an increase vs. the earlier target of 43% and increased to be consistent with the new 55% EU GHG reduction target
- Based on 'cap and trade' system, whereby a cap is set on the total amount of greenhouse gases that can be emitted by installations covered by the system
- Market Stability Reserve (MSR) as a rule-based mechanism that allows the supply of allowances to respond to market oversupply to stay in place. EU commission proposed to keep intake rate of MSR at 24% until 2030 (currently reduction to 12% foreseen)
- The cap is reduced over time in line with the Linear Reduction Factor (LRF). Within the cap, companies receive or buy emission allowances which they can trade with one another as needed. The LRF is proposed to be increased to 4.2% (from previously 2.2%) from the year following the entry into force of the revision. The increased LRF should be combined with a one-off downward adjustment of the cap (rebasing) so that the new LRF has the same effect as if it had been applied from 2021

UK ETS

- The UK Emissions Trading Scheme went live on 1 January 2021, replacing the UK's participation in the EU ETS. On 19th May, UK ETS auctions commenced
- The scheme largely mirrors the operation of the EU ETS, by introducing the supply of allowances via auctions which can subsequently be traded in a secondary market
- The total number of allowances available for auction in 2021 is ~83 million. This is
 more than half of the total UK ETS 2021 cap of ~156 million allowances. The number
 allowances are set to fall by 2.2% annually until 2030
- The Auction Reserve Price (the minimum price for bids in auctions) is set at £22.
 Auctions take place twice a month. First Compliance date in Q1 2022 for 2021 emissions. Auctions carried out by UK government at ICE
- The Total Carbon Price that power sector emitters face is comprised of the Carbon Price Support (at £18) plus the price of UK ETS permits
- UK government will be conducting reviews into the scheme at the latest by 2023 to set it on a Net Zero trajectory

Source: ec.europa.eu/clima/policies/ets_en.









Main pillars of Europe's Hydrogen Strategy



European Union

Published on 8 July 2020

- By 2024: >6 GW green hydrogen electrolysers
- By 2030: >40 GW green hydrogen electrolysers in the EU + 40 GW in EU neighbour countries for export to the EU
- €24-42bn **investments** in electrolysers, €220-340bn for dedicated renewable capacity of 80-120 GW for green hydrogen production, €65bn for hydrogen transport, distribution and storage & refuelling stations
- Policy instruments include competitive tenders and carbon CfDs



Germany

Published on 10 June 2020

- National Hydrogen Strategy
- By 2030: up to 5 GW of renewable capacity dedicated to green hydrogen production
- €7bn for the hydrogen technology ramp-up in Germany and €2bn for international partnerships
- Together with additional funds, €8bn for national support of European IPCEI² program earmarked
- Instruments include carbon CfDs, quotas and investment grants for electrolysers or hydrogen based production processes



Netherlands

Published on 6 April 2020

- By 2025: ~0.5 GW of green hydrogen electrolysers
- By 2030: 3-4 GW green hydrogen electrolysers
- SDE++ public funding scheme with €5bn p.a., green hydrogen production included directly
- National Growth Fund
 ~€4bn p.a., but also has
 broader scope (in excess of
 €500m has partially been
 used for hydrogen projects).
 CAPEX support.
- Separate subsidisation of green and blue hydrogen



No national strategy published to date

- UK Hydrogen Advisory Council established by the government in July 2020
- UK Hydrogen Strategy expected to be published in Q3 2021. This will include a consultation on proposed Business Models
- £28m pledged for five hydrogen production and supply projects in England and Scotland in April

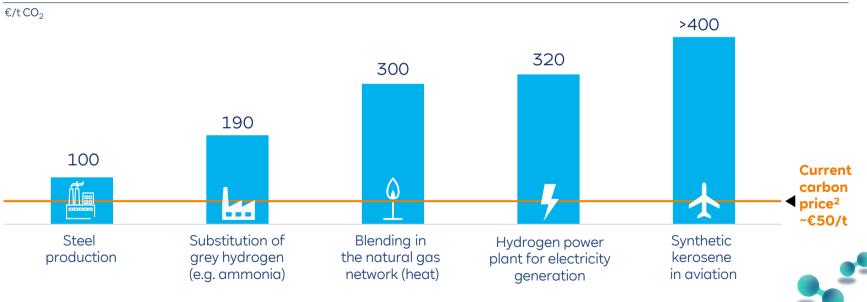


¹ Will be included in the update of the EU energy & climate legislation planned in summer 2021.1 ² Important Project of Common European interest.



financial support based on the current carbon price

CO₂ avoidance costs¹ of selected hydrogen applications



Regulations

Source: RWE AG | ¹ Based on a hydrogen cost of €3/kg, | ² Certificate price in the European Emissions Trading System.

August 2021 Factbook 2021









Use of natural gas infrastructure for hydrogen

Gas pipeline hydrogen repurpose

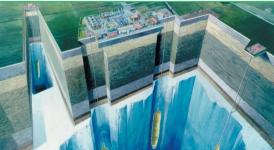
A large part of the **European long-distance gas network** can be **repurposed** for hydrogen transport



...energy transport capacity of hydrogen vs. natural gas pipeline¹

Gas storage hydrogen repurpose

Salt cavern storage facilities are considered **suitable** for hydrogen storage; suitability of other gas storage facilities still uncertain



...max. energy storage capacity of hydrogen vs. natural gas in a salt cavern

Hydrogen production from natural gas

Production of **natural gas-based carbon- neutral hydrogen** via methane pyrolysis
could enable hydrogen supply far from
coastal areas





Part of the existing natural gas infrastructure remains necessary to transport natural gas

Source: RWE AG | $^{\rm 1}$ Capacity loss limited by hydrogen's higher flow speed.











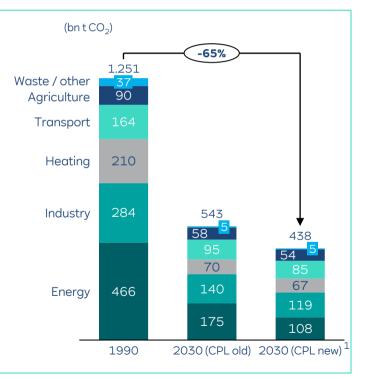
Climate Protection in Germany

New climate protection law triggers ongoing discussions



Energy

- New climate protection target 2030: -65% compared to 1990
- Increased reduction target for the energy sector in Germany:
 - 108 Mio. t CO_{2eq} instead of 175 Mio. t CO_{2eq}
- Increase of RES auction volumes in 2022
 - Wind onshore +1.1 GW
 - PV +4.1 GW
- **Discussion on further acceleration of** expansion of RES current targets 2030:
 - Wind offshore: 20 GW
 - Wind onshore: 71 GW
 - PV: 100 GW
 - Acceleration of approval process repowering
- Reduction of EEG-levy to 5ct/kWh in 2023 and 2024
- Acceleration of market ramp-up for green H₂ including financial support schemes
- Relieve of **storage** from double taxation / EEG levy
- Coal phaseout by 2038 at the latest



Climate Protection Law; reform adopted in June 2021.









Road Map of German Coal Exit

Different approaches for lignite and hard coal

In July 2020 the German Parliament decided on the coal exit law including the following reduction path:

- By 2022 reduction to a total remaining capacity of 15 GW lignite and 15 GW hard coal
- By 2030 reduction to a total remaining capacity of 9 GW lignite and 8 GW hard coal
- End of coal-fired power production by end of 2038
- Steady reduction path until 2030
- Financial support for the coal regions

Find out a list of agreed **lignite** power plants here:

https://www.buzer.de/Anlage_2_KVBG.htm

Implementation of the recommendations differs between lignite and hard coal:

Lignite:

- Decision on which lignite power plants will be shut down at what point based on negotiations with operators
- Compensation for shutdowns of power plants including costs for open cast mines
- Preservation of the Hambach Forest

Hard Coal:

- Decision on which hard coal power plants will be shut down at what point based on decommissioning auctions (basically voluntary; 1st auction round on 1 Dec, 2020: 4.8 GW; 2nd auction round on 1 Apr 2021: 1.5 GW)
- From 2027 onwards and in case of missing coal capacity to achieve auction targets as of 2024: **administrative shut down** mainly based on age **without any compensation**
- · Datteln 4 coming online

Overall:

- Reviews in 2023, 2026 and 2029 (climate protection, security of supply, power prices, regional development and employment)
- Cancellation of CO₂ certificates corresponding to emission reduction resulting from coal closures if not covered by market stability reserve
- Mostly linear reduction path for coal in total
- State-aid approval by EU Commission still pending









UK is first major economy to pass net zero emissions law

UK is **first G7 country** to legislate a **net zero**¹ greenhouse gas emission target by **2050**.

Implications of the target

 Full decarbonisation of the power sector by 2050 is necessary, through a combination of renewables, nuclear, gas with CCS² and low carbon hydrogen

Electricity 4

- Demand expected to double by 2050, requiring new generation capacity of 9-12 GW p.a. with up to 75 GW of offshore wind by 2050
- Also needs development of CCS & hydrogen infrastructure

Hydrogen use

- Use of low carbon hydrogen expected to be 270 TWh in 2050
 - Implies 30 GW steam methane reformation with CCS and 2-7 GW electrolysers



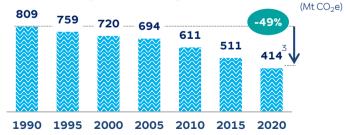


Following Brexit, the UK Emissions Trading Scheme (**UK ETS**) was established from 1 January 2021 and the first auction took place on 19 May 2021.

The UK has been a leader in cutting emissions whilst growing the economy

- By 2020, UK reduced its final GHG emissions by 49%³ vs 1990, whilst growing its economy by more than two-thirds
- Coal ~2% of power generation compared with 70% in 1990;
 Government wants to phase it out completely by Oct 2024
- 40 GW offshore wind target (10.4 GW installed in 2020) and
 1 GW floating wind target by 2030

Final annual greenhouse gas emissions in the UK



¹ Net zero means any emisions would be balanced by schemes to offset an equivalent amount of greenhouse gases from the atmosphere, such as planting trees or using technology like carbon capture and storage.

² Carbon capture and storage. I ³ Provisional 2020 data. I Source: UK Department for Business, Energy & Industrial Strategy; UK Committee on Climate Change.



T-4 Auction Mar 2021



2022/2023:

£6.44/kW

2023/2024

£15.97/kW

2023

2021/2022

£8.40/kW

2022

£45.00/kW

2021





2024/2025:

£18.00/kW

2024

GB capacity market

Establishment

- Adopted in 2013 as part of the Energy Act 2013 in the UK
- Provides generators with the ability to set the price at which they are willing to commit to keeping plant available

T-4 Auction

- Used to secure supply since Q4 2017
- UK government determines amount of capacity needed for each delivery year (quantity-based-mechanism) T-4 Auction



T-4 Auction

End 2016

End 2015

04 2017: first

payments

T-4 Auction

End 2018

Price

- Auction price can be between £0 75/kW
- Auction price is determined by the marginal capacity. All units receive the price of the highest successful unit ('descending clock' format)
- Units which leave the auction before it closes will not be offered a Capacity Market Agreement

Capacity quantities

The largest part of the capacity is awarded in the first auction (T-4): a small part follows in another auction one year before the respective delivery year (T-1 auction)

T-3 Auction¹

Jan 2020

T-4 Auction

Mar 2020

- The 'agreement' terms are between 1 and 15 years depending on whether it is existing plants or new plants
- Delivery year begins on the 1st October through to the 30 September

¹ The T-3 auction replaces the T-4 auction, which was unable to take place in 2019 given the standstill in the GB Capacity Market following the legal challenge by Tempus Energy, I Source: RWE Analysis.









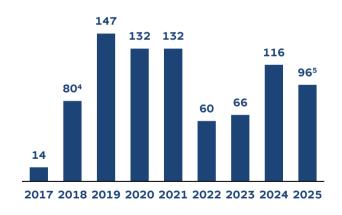
GB capacity market - RWE plants

RWE plants in GB Capacity Market

Derated capacity (MW)	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Aberthaw ¹	1,475	1,486	1,490	1,475	1,486	0	0	0
Didcot B (excl. OCGT)	1,358	1,364	1,380	1,395	1,395	1,395	1,395	1,395
Little Barford	681	683	691	699	699	699	699	699
Great Yarmouth	359	361	365	369	369	369	369	369
Staythorpe	1,626	1,633	1,652	1,670	1,670	1,670	1,670	1,670
Pembroke	2,081	2,090	2,114	2,138	2,138	2,138	2,138	2,138
King's Lynn			329	333	333	333	333	333
Other ²	322	375	382	386	467	427	427	371
Total (qualified)	7,901	8,044	8,403	8,465	8,556	7,031	7,031	6,975
Total (successful capacity)	7,901	7,991	6,913	6,897	6,988	6,895	6,895	6,895

Revenue from capacity market³

(in £ million, pre inflation)



¹ Due to the closure of Aberthaw in March 2020 the Power Station's existing Capacity Market agreements for the years 2019/2020 and 2020/2021 were transferred to third parties and a small proportion to other units within RWE's fleet. I ² Includes Cowes OCGT, Didcot OCGT, Cheshire GT, Conoco Phillips, Hythe, Grimsby A. I ³ Based on cleared capacity prices (nominal) and capacity contracts secured by RWE. ⁴ This includes approximately £42m that was received in 2019 due to the suspension of payments in 2018. I ⁵ This includes full year for King's Lynn and Grimsby A due to award of 15 year CM agreements and to September 2025 for other units.



RWE OPERATIONAL DATA









RWE

Offshore Wind



Onshore Wind/ Solar



Hydro/Biomass/ Gas



Supply & Trading



Coal/Nuclear











2020

Offshore Wir	nd
Pro-rata capacity: Power generation:	2.4 GW 7.0 TWh
Workforce: Capex ¹ :	1,119 €756 mn
Adjusted EBITDA: Adjusted EBITDA share:	€ 1,069 mn 33%

Hydro/Biomass/Gas				
Pro-rata capacity: Power generation:	19.1 GW 61.2 TWh			
Workforce:	2,667			
Capex1:	€153 mn			
Adjusted EBITDA:	€621 mn			
Adjusted EBITDA share:	19%			

ı	Onshore Wind/Solar				
	Pro-rata capacity: Power generation:	7.1 GW 16.8 TWh			
l	Workforce:	2,402			
	Capex ¹ :	€1,154 mn			
l	Adjusted EBITDA:	€ 523 mn			
l	Adjusted EBITDA share:	16%			

Supply & Tro	ıding
Pro-rata capacity:	n/a
Power generation:	n/a
Workforce:	1,790
Capex ¹ :	€ 43 mn
Adjusted EBITDA:	€ 539 mn
Adjusted EBITDA share:	16%

Coal/Nuclea	
Pro-rata capacity:	12.5 GW
Power generation:	61.8 TWh
Workforce:	11,095
Capex ¹ :	€183 mn
Adjusted EBITDA:	€ 559 mn
Adjusted EBITDA share:	17%



Core segments

¹ On property, plant and equipment and on intangible assets (cash investments). Note: Segment "Other" not displayed on this slide.

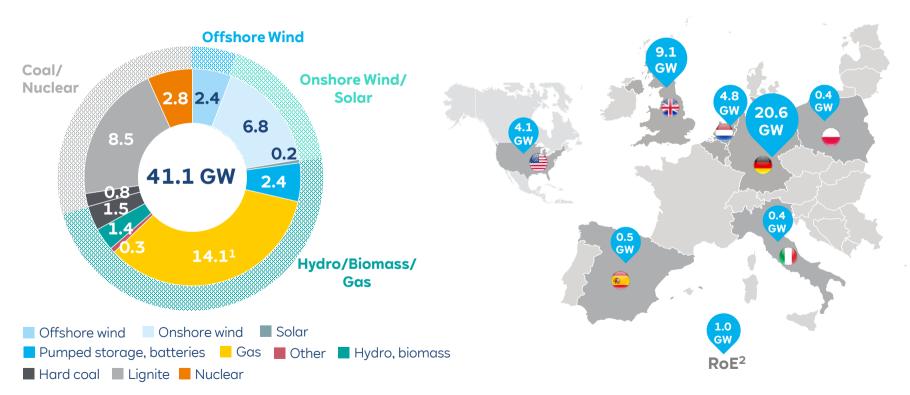








RWE's power generation portfolio



Note: Pro rata. As of 31 Dec 2020; Figures may not add up due to rounding differences. I 1 Includes 0.4 GW gas capacity belonging to Coal/ Nuclear. I 2 Rest of Europe; including Denizli CCGT (551 MW) in Turkey.

Powerful position in wind and solar





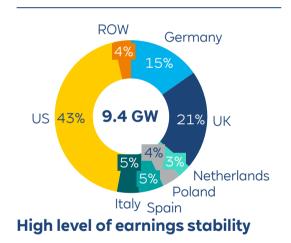




Installed capacity by technology¹



Installed capacity per country¹



Wind/Solar adj. EBITDA 2020²



Increasing capacity



Projects under **GW** construction

> 1 0 0

Regulated or secured³



Years weighted average remaining contracted tenor⁴

¹ Pro rata, excluding storage. | ² Adj. EBITDA restated. | ³ Including Feed-in tariffs (FiTs), contracts for difference (CfDs), fixed certificates and PPAs/Tax credits; as of 31 Dec 2020. | ⁴ Includes assets in operation and under construction with CfDs/FiTs, fixed certificates, PPAs/Tax credits; as of 31 Dec 2020. | Note: Figures as of 31 Dec 2020. Rounding differences may occur.



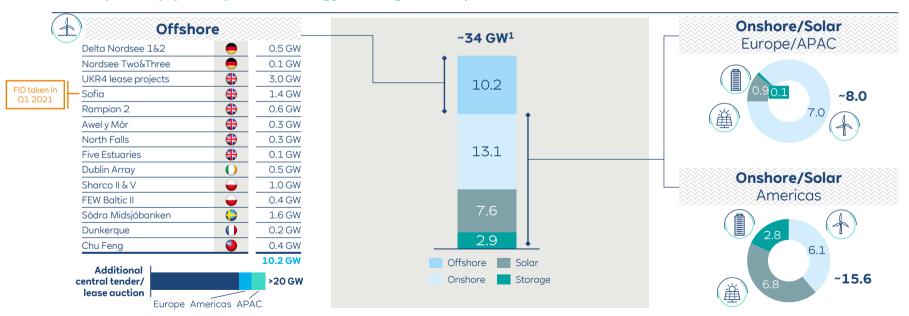






Renewable energy growth underpinned by growing development pipeline

Development pipeline per technology and region, GW pro rata



¹ Figures as of 31 Dec 2020 incl. 3 GW award from UKR4 leases. | Rounding differences may occur.



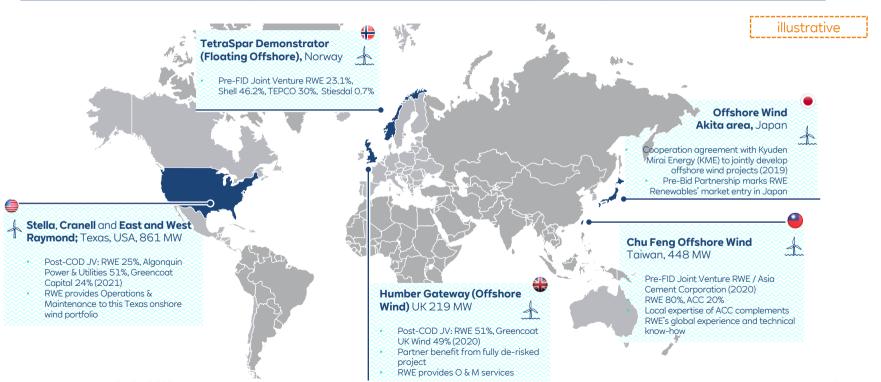






Partnerships at all stages of the value chain

Partnerships are an essential part of RWE's business model to support our growth ambition











Shaping the future of energy through Innovation – our R&D projects

illustrative

Offshore wind expansion



Floating offshore wind

Demonstration projects for different types of floating foundations

(TetraSpar, SATH, Maine Aqua Ventus)

Hydrogen



 30+ projects along the entire value chain

See next slide

(GER, NL, UK)

Fit for the future

Innovative methods of storing electricity

 Co-located energy storage system coupled with solar



(Hickory Park, USA)

 Co-located battery storage system coupled with hydro



(Werne & Lingen, GER)

Redox flow technology

Vanadium batteries & Large-scale organic flow batteries

(RWE Campus, GER; salt caverns)



Circular energy / reuse and recycling



Multi-fuel conversion / Closed loop recycling

Conversion of waste into base chemicals Recycling of sewage sludge incl. recovery of phosphorus

(Furec/ NL; MFC plant GER)



2nd life for electric car batteries

Reuse in stationary battery storage systems



Offshore Wind



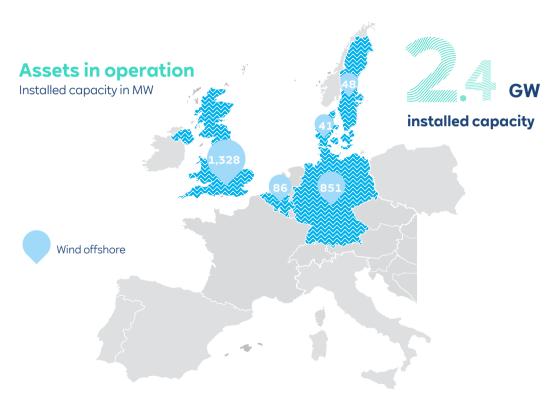








Strong market position



• No. 2 leading global market position

• **TWh** power generation

Experience in technology

> 25 assets in Europe

& Triton Knoll (506 MW)
Kaskasi (342 MW)
Sofia (1,400 MW) wind farms
under construction

Adj. EBITDA 2020



Note: Pro rata figures as of 31 Dec 2020; Numbers may not sum due to rounding.











Offshore Wind assets - operational





Arkona (Germany, Baltic Sea)



- COD: 2019
- RWE share: 50%
- Capacity: 385 MW¹
- 60 x Siemens Gamesa 6.4 MW turbines
- Water depth: 23-37 m
- Location: 35 km northeast of the island of Rügen
- Availability: 98.5%
- Capex: ~ €1.1bn
- Subsidy scheme: FiT (EEG compression model)
- ~0.4 million potential households supplied annually
- Q&M provided by RWE
- Equity partner: Equinor, Credit Suisse Energy Infrastructure Partners AG

Galloper (UK, North Sea)



- COD: 2018
- RWE share: 25%
- Capacity: 353 MW¹
- 56 x Siemens Gamesa 6.3 MW turbines
- Water depth: 27-36 m
- Location: 27 km of the Suffolk coast
- Availability: 98.2%
- Capex: ~£1.4bn (incl. OFTO)
- Subsidy scheme: 1.8x ROC/MWh
- Q&M provided by RWE & Siemens Gamesa (turbine)
- ~0.4 million potential households supplied annually
- Equity partners: Siemens Financial Services, Sumitomo Corporation, ESB and a consortium managed by Green Investment Group and Macquarie Infrastructure and Real Assets.

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¹ Total installed capacity.











Offshore Wind assets – under construction





Triton Knoll (UK, North Sea)



Kaskasi (Germany, North Sea)





- exp. COD: beginning of 2022
- RWF share: 59%
- Capacity: 857 MW¹
- 90 x MHI Vestas 9.5 MW turbines
- Water depth: 15-24 m
- Location: 32 km distance to mainland
- Capex: ~ £2bn (incl. OFTO)
- Subsidy scheme: 2-sided CfD with a strike price of 74.75 £/MWh² for 15 years
- ~0.8 million potential UK homes supplied annually
- Equity partner: J-Power, Kansai Electric Power



- exp. COD: 2022
- RWF share: 100%
- Capacity: 342 MW¹
- 38 x Siemens Gamesa 9 MW turbines
- Water depth: 18-25 m
- Location: 35 km north of the island of Heligoland in the "Trident Cluster" together with the offshore wind parks Amrumbank and Nordsee-Ost
- Capex: ~ €0.6bn
- Subsidy scheme: one-sided CfD with a strike price of more than 46.6 €/MWh³ for 20 years

¹ Total installed capacity, I ² 2012 prices, I ³ €46.6 per MWh was the average strike price achieved in the auction.











Offshore Wind assets - under construction





Sofia (UK, North Sea/Dogger Bank) - one of the largest offshore wind farms in the world



- FID: Q1 2021; exp. COD: end of 2026
- RWE share: 100%
- Capacity: 1.400 MW
- 100 x Siemens Gamesa 14 MW turbines
- Water depth: 20-35 m
- Location: around 195 km off the UK coast on Dogger Bank
- Load Factor: ~50%
- Capex: ~ £3bn (incl. OFTO)
- Subsidy scheme: 2-sided CfD with a strike price of 39.65 £/MWh¹ for 15 years
- ~1.2 million potential UK homes supplied annually

Sofia will be one of the **largest offshore wind farms** in the world as well as one of the **farthest** from shore.

¹ 2012 prices, linked with CPI.











Offshore Wind:

Evolution of RWE's offshore wind farms

Project
Go Live
Capacity
Turbines
Water depth
Distance to shore

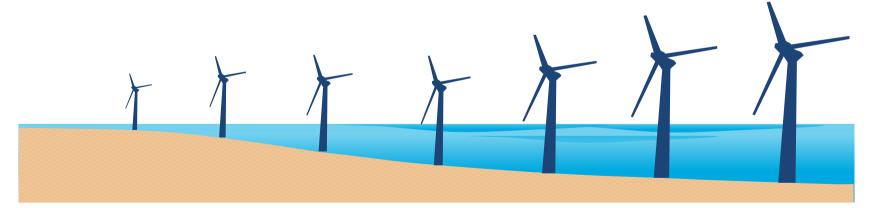
Scroby Sands 2004 60 MW 30 × 2.0 MW 1 - 11 m 2 - 3 km Rhyl Flats 2010 **90 MW** 25 × 3.6 MW 10 - 15 m

8 km

Amrumbank 2015 288 MW 80 × 3.6 MW 19 - 24 m 35 km (to Heligoland) **Galloper**2018 **353 MW**56 × 6.3 MW
27 - 36 m
30 km

Arkona2018 **385 MW**60 × 6.4 MW
21 - 27 m
35 km

Triton Knoll 2021/22 (expected) 857 MW 90 × 9.5 MW 15 - 24 m 32 km **Sofia** 2025/26 (expected) ~1400 MW 100 x 14 MW 20 - 35 m 195 km









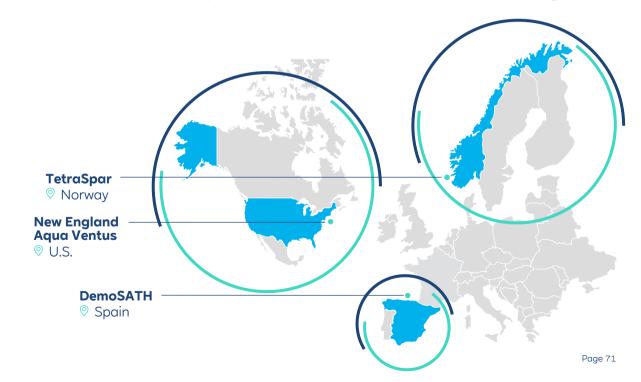




Floating Wind

RWE is building on its extensive offshore wind experience to become a leader in floating wind

- RWE aims to have 1 GW of floating capacity underway by 2030
- RWE is developing a multi-gigawatt global pipeline of activity to deploy in the 2030s and beyond
- Global approach & international growth strategy with activities planned in Japan, France, South Korea, Taiwan, UK, U.S.



RWE August 2021 Factbook 2021











Floating Wind

RWE is participating in various high-profile floating demo projects for detailed insight and experience

- Floating offshore wind has great potential and opens attractive market opportunities not accessible via fixed bottom installations
- Focus of demo projects: performance and load behaviour of platform under all possible conditions, operational experience, maintenance process

Demo project TetraSpar demonstrator

- Location: Norwegian coast
- Water depth: 200 metres
- Distance to shore: 10 km
- Capacity: 3.6 MW
- Platform type: steel-based
- Expected COD: 2021



Demo project New England Aqua Ventus

- Location: Gulf of Maine, U.S. east coast
- Water depth: 80-120 m
- Distance to shore: 12 miles
- Capacity: 11 MW
- Platform type: concrete-based
- Expected COD: 2024



Demo project DemoSATH

- Location: Bay of Biscay, Spain
- Water depth: 80 metres
- Distance to shore: 3 km
- Capacity: 2 MW
- Platform type: concrete-based
- Expected COD: 2022













Offshore Wind Climate-neutral cooperation activities

RWE & BASF: Cooperation for Climate Protection

• The project envisions an **additional offshore wind farm with a capacity of 2 GW** by 2030 to provide the Ludwigshafen chemical site (Germany) with green electricity and enable CO₂-free production of hydrogen. The aim is to electrify the production processes for basic chemicals, which are currently based on fossil fuels.





Onshore Wind/Solar





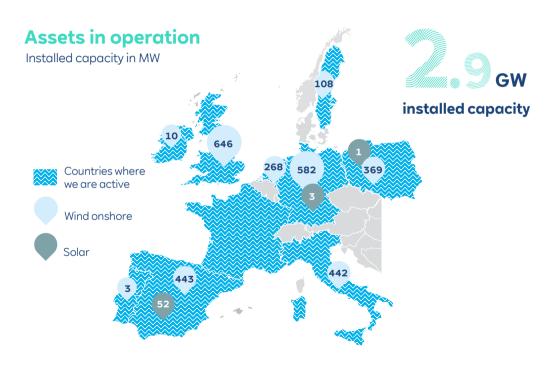






Onshore Wind/Solar Europe:

Experienced operator with strong competitive position



- Regionally well diversified portfolio
- ~ **7.3 TWh** power generation
- Experience in technology



- ~ 100 assets in operation in Europe
- Adj. EBITDA 2020 for total Onshore Wind/Solar division



Note: As of 31 Dec 2020; capacity figures in pro rata view; generation in accounting view; rounding differences may occur.

 RWE
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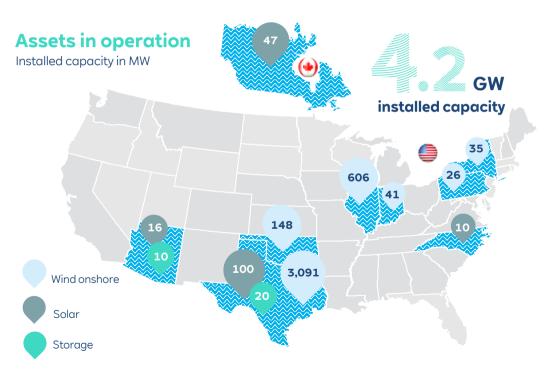






Onshore Wind/Solar Americas:

Strong and diversified footprint across the US



- Well established wind, solar & battery storage operator
- **TWh** power generation
 - Experience in technology



- > 30 assets in operation in the US
- Adj. EBITDA 2020 for total Onshore Wind/Solar division



Note: As of 31 Dec 2020; capacity figures in pro rata view; generation figures in accounting view; rounding differences may occur.



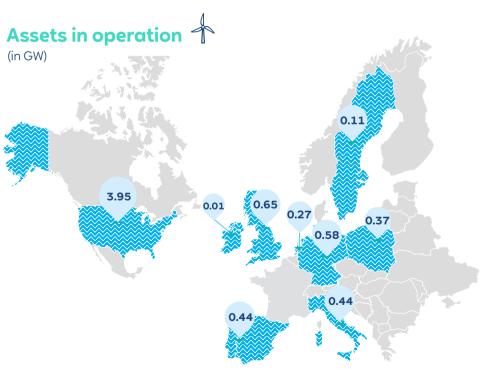








Onshore Wind total



• Regionally well diversified portfolio with

GW Onshore Wind globally across Europe and the US

- Development **pipeline** of ~ 1 3 GW
- Industry-leading expertise in core capabilities, from supply chain management through operational excellence, fostering future growth
- Impressive track record of developing, constructing and operating highest performing and most efficient sites

Note: Pro rata figures as of 31 Dec 2020. Rounding differences may occur.











Excellent capabilities in Solar and Storage

Pro rata installed/under construction capacity



- Globally > GW of Solar PV and Storage projects in operation or under construction with a strong footprint in the US
- > 10.5 GW PV and storage pipeline globally
- Excellent global solar and storage engineering backbone
- Tailormade **storage solutions** covering a wide range of applications ranging from ancillary services to T&D deferral and energy shifting, leveraging our strong technical capabilities

Note: Pro rata figures as of 31 Dec 2020. Numbers may not sum due to rounding.

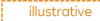








Onshore Wind assets - operational





Peyton Creek (USA, Texas)



Zuidwester (The Netherlands, Urk)





- COD: 2020
- RWF share: 100%
- Capacity: 151 MW
- 48 x 3.15 MW Nordex turbines
- Location: Matagorda County, TXS
- Availability: 97%
- Capex: ~\$0.2bn
- Subsidy scheme: REC/PTC
- Offtake: merchant
- ~45,000 potential US homes supplied annually
- Q&M provided by RWE



- COD: 2016
- RWF share: 100%
- Capacity: 90 MW
- 12 x 7.5 MW Fnercon turbines
- Location: Westermeerdijk and Zuidermeerdijk
- Availability: 98.4%
- Capex: ~€0.2m
- Subsidy scheme: FiT (SDE+€120/MWh)
- ~80,000 potential Dutch homes supplied annually
- Q&M provided by EPK Enercon
- Zuidwester ist part of Noordoostpolder, one of Europe's largest wind power projects



Onshore Wind/Solar assets













Scioto Ridge (USA, Ohio)





RWF share: 100%

Capacity: 250 MW

75 x Siemens Gamesa x MW turbines

Location: Ohio, Hardin and Logan Counties

Availability: 97.3%

Capex: ~\$0.3bn

Subsidy scheme: REC/PTC

Offtake: PPA

RWE's 1st onshore wind project in Ohio

More than 60,000 potential households supplied annually



exp. COD: 2021

RWF share: 100%

Capacity: 249 MWac

Location: New South Wales

Capex: ~\$0.5bn AUD

Subsidy scheme: Green Certificates

Offtake product: merchant, PPAs

One of the largest solar parks in Australia, covering an area of around 900 hectares

~ 150,000 potential households supplied annually



















Solar and Storage assets





West of the Pecos (USA, Texas)



RWE share: 100%

Capacity: 100 MWac

More than 350,000 photovoltaic panels built over a 270-hectare area

Location: Reeves County, TXS, approx.75 miles southwest of Midland-Odessa

Availability: 99%

Capex: ~\$0.1bn

Subsidy scheme: ITC

Offtake: PPA and Firm Hedge

Q&M provided by RWE

Hickory Park (USA, Georgia)





- exp. COD: late 2021
- RWF share: 100%
- Capacity: 196 MWac coupled with a 40 MW 2-hour battery storage system
- Location: Mitchell County, Georgia
- Capex: ~\$0.2bn
- Subsidy scheme: ITC
- Offtake: PPA
- Hickory Park is RWE's largest solar plus storage project in the U.S. When complete, the solar power plant will interconnect more than 650,000 solar panels, which together will cover an area of about 728 hectares.

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Battery storage assets





Iron Horse (USA, Arizona)

176 11



RWF share: 100%

COD: 2017

- Capacity: 10 MW + 2 MW solar array
- A combined energy storage (10 MW / 2.5 MWh) next to solar photovoltaic project (2.4 MW)
- Location: Tucson, Arizona
- Capex: ~\$15m
- Subsidy scheme: ITC
- Offtake: PPA
- Q&M provided by RWE
- Energy storage is charging most of its energy from the solar PV array
- The system automatically delivers real power when the grid frequency falls outside the programmed deadband. It must respond very fast - within 1 sec.



Texas Waves - Pyron (USA, Texas)



- RWF share: 100%
- Capacity: 2 x 9.9 MW / 5 MW
- A battery system co-located at the Pyron Wind Farm (265 MW)
- Location: near Sweetwater, TXS
- Capex: ~\$15m
- Subsidy scheme: ITC
- Offtake: merchant
- Q&M provided by RWE
- Energy storage participates in the frequency regulation market and helps to maintain frequency stability
- In case the frequency drops or increases below certainty threshold, the battery will discharge or charge to support the grid to maintain the grid frequency at 60 Hz



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Hydro/Biomass/Gas

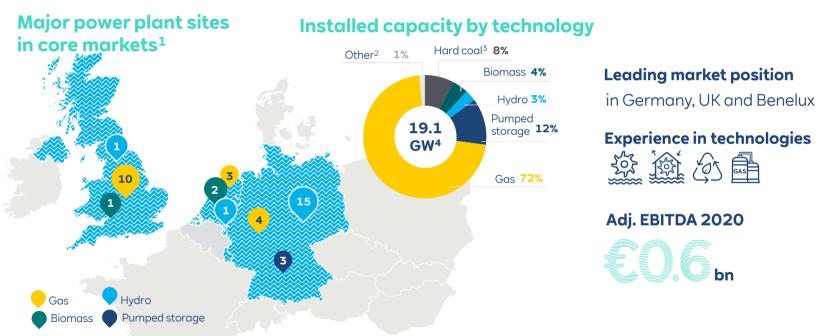








Well positioned portfolio across regions and technologies



Note: As of 31 Dec 2020; pro rata view; rounding differences may occur. I ¹ Excluding power plants in Spain, Portugal, France and Turkey and assets with an installed capacity less than 10 MW. I ² Including batteries, waste assets and oil assets. I ³ Biomass co-fired power plants in the Netherlands. I ⁴ Including generation capacity not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements.



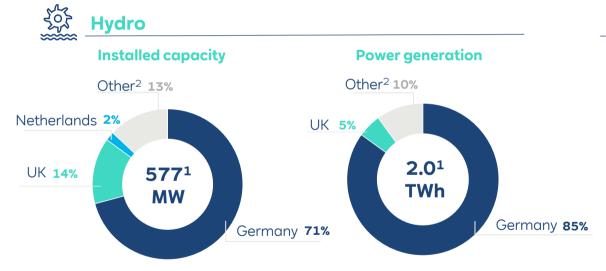








Hydro & pumped storage: Attractive portfolio with high flexibility



Pumped storage



Own operated power plant

Koepchenwerk (165 MW)

Contractually secured plants

- SEO Vianden (1,294 MW)
- Schluchsee (870 MW³)

Installed capacity¹ in Germany

2,329 mw

Note: As of 31 Dec 2020; pro rata view; rounding differences may occur. I ¹ Including generation capacity not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements. Accounting view. I ² Including assets in Spain, Portugal and France. I ³ RWE pro rata stake 50%.





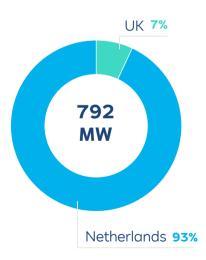




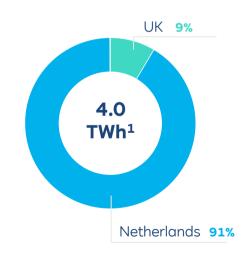


Biomass: Focused on biomass co-firing

Installed capacity per country



Power generation per country





UK and Netherlands

Biomass co-fired power plants

Biomass net capacity:

- Amer (500 MW)
- Eemshaven (238 MW)

Certificated biomass



Note: As of 31 Dec 2020; pro rata view; rounding differences may occur. I^1 Accounting view.



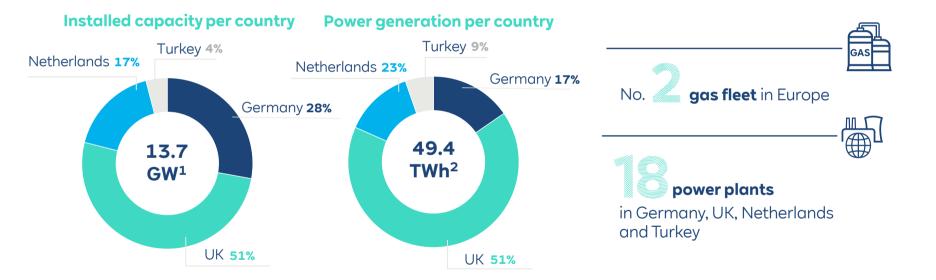








Gas: Highly efficient and flexible gas assets



¹ Pro rata view as of 31 Dec 2020.1² Accounting view.1 Note: Rounding differences may occur.





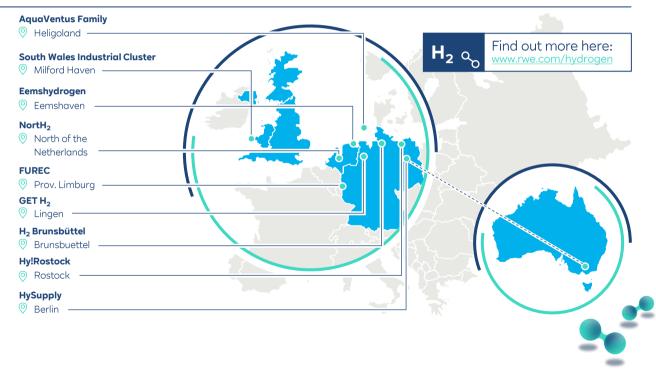




Our engagement in hydrogen

Together with partners, we are active in >30 projects and along the entire renewables and H₂ value chain

- Dedicated Board member for H₂ at RWE Generation defining and implementing RWE's H₂ strategy
- Green H₂ is key to the energy transition achieving national and European climate targets by 2050
- Creating an H₂ economy is a long-term endeavour and requires regulatory and financial support. We actively participate in the discussion
- Demand for green H₂ will drive global growth of renewables











Aqua Ventus pushes the production of hydrogen using electricity from offshore wind farms in the North Sea

illustrative



AquaVentus

The project family around the AquaVentus initiative consists of numerous sub-projects along the value chain, from hydrogen production in the North Sea to transport to buyers on the mainland.



- AquaVentus aims to operate electrolysers installed at sea using electricity from RWE offshore wind farms
- The objective is to transport the green hydrogen to the mainland through a pipeline
- Plans envisage a first pilot project installing an electrolyser right in the Port of Heligoland











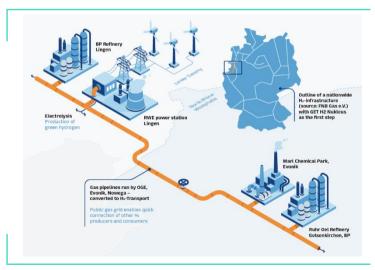
GET H₂ aims to kick-start the creation of nationwide infrastructure in Germany

illustrative



GET H2

An initiative of > 40 industrial and gas companies. RWE is playing a key role in the production of green hydrogen at its Lingen site in the first GET H2 Nukleus sub-project



- The initiative has spawned GET H₂ Nukleus, a pilot project for the construction of the first publicly accessible hydrogen infrastructure involving BP, Evonik, Nowega, OGE and RWE.
- RWE's part consists of building a 100 MW electrolyser and produce green hydrogen at the RWE Lingen power plant site. Scaling potential up to 2 GW.
- The objective is to connect Lingen to the existing hydrogen network in the Ruhr region via a repurposed natural gas pipeline in order to supply the green hydrogen to refineries and chemical parks.











In the UK, RWE is working with partners to develop a hydrogen economy for industries in South Wales

illustrative



South Wales Industrial Cluster

RWE's Pembroke power station in Milford Haven is part of a large industrial cluster and can act as a hydrogen production site



- RWE's Pembroke gas-fired power plant in Milford Haven is located in one of six large industrial clusters in the UK: due to its proximity to companies in the UK steel, chemical, oil and cement industry, Pembroke can serve as a future hydrogen production hub
- The project includes the local production, distribution and use of hydrogen
- Further subjects of the project consortium's interest are carbon cycle options (e.g. carbon capture during cement production and synthetic fuel production).

Project partners (selection)

















RWE is exploring ways to import hydrogen via the planned LNG¹ Terminal in Brunsbüttel

illustrative



LH₂ Brunsbüttel

Germany's first LNG terminal is being set up in Brunsbüttel with RWE's participation. In addition to LNG sourcing, RWE is preparing the future option to import liquefied hydrogen via the terminal



- LNG import terminals such as Brunsbüttel can be combined with feed-in points for imported hydrogen
- Existing gas pipelines connected to the LNG terminal could be repurposed for use in a future hydrogen economy
- RWE Supply & Trading is exploring further possible collaborative ventures to early position itself as a potential hydrogen importer and trader







¹ LNG - Liquefied Natural Gas.

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Supply & Trading









Supply & Trading:

Value creation through fundamental understanding of markets

Trading volumes in 2020



Leading energy trading house and **significant gas portfolio** player

Interface between the **Group and global wholesale markets** for energy and energy-related raw materials and services

Europe's largest energy trading floor at RWE's headquarters (Essen, Germany);

trading offices worldwide

Adj. EBITDA 2020



Note: As of 31 Dec 2020.









Supply & Trading:

Energy experts organised in 5 core business areas

Trading & Origination

Interface wholesale energy markets all over the world – physical and financial products

Energy Transition Investments

Investments in commodity-driven assets and companies where we can deliver value from strong trading capability and deep understanding of energy commodity markets

Commodity Solutions

Fully-fledged service provider for industrial customers and aggregators

Gas & LNG Supply

Management and optimisation of the Group's Pan-European gas portfolio, gas supply, storage and transport contracts as well as the global LNG portfolio

Commercial Asset Optimisation (CAO)

Optimising physical and contractual power assets – from long-term hedging to dispatch decision; earnings allocated to generation segments





















Trading & Origination:

Understanding of fundamentals drives trading approach & Energy Transition Investments

Fundamental analysis (examples)

- Power: demand, conventional power plants, renewable feed-in, cross border flows, weather
- Gas: demand, pipeline flows, LNG deliveries, storage levels

Quantitative modelling

- Outright fundamental fair value
- Fuel spreads, time spreads, location spreads and product spreads

- Deep understanding of physical assets
- Fundamental modelling of supply/demand balances
- Monitoring of misvaluations in markets
- Assessment of risk/reward of trading opportunities

Diversified trading exposure

Trading strategies

Fundamental: assessment of fundamental fair value

Relative value: detection of spread opportunities

Systematic: algorithmic trading, monitor money flows

Origination: negotiated contracts in illiquid markets

Energy Transition Investments

- · Focus on private equity-like investments in assets and companies across the energy spectrum that are related to the global energy transition
- Typical equity investments of up to € 50m with regional focus on Europe and North America











Commodity Solutions:

Reliable partner

• **Commodity Solutions** supplies large industrial customers and municipalities/aggregators in Europe with energy and energy-related services. The portfolio comprises standard as well as structured products and individual solutions by creating win-wins based on our best in class asset and portfolio management.



¹ Virtual Power Plant. I ² A real-time platform for electricity and gas trading.



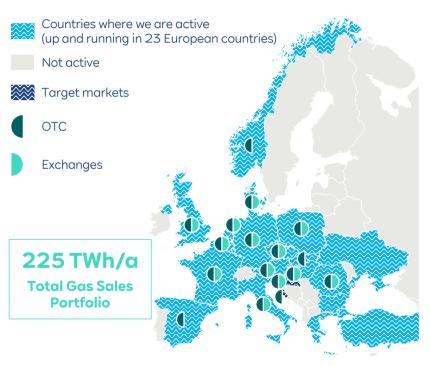








Gas & LNG Supply: Major asset backed gas player in Europe



Large gas portfolio across Europe

- Diversified physical European gas portfolio of ~ 225 TWh/a across 20+ countries centred around North Western and Central European markets
- Sourced from major international producers, smaller independents and from traded markets
- RWE has a long term gas supply contract with a Russian gas supplier. The contract is currently dormant and RWE does not have any risk exposure from the contract³
- From other gas contracts, we have in total contracted max. 15 TWh of gas deliveries by 2023, of which half is to be provided within the next 12 months³
- Booked working gas volume in gas storages of about 60 TWh
- ~ 55 GW gas **transportation capacity** at more than 70 European border points and storage connections

Global LNG activities

- Sizeable global LNG portfolio with a strong customer base in Europe, Asia and the Middle East
- Tailor-made solutions for LNG customers & Supply across all major markets



2020 in figures¹

- 21.9 mt of physical LNG traded
- 7.4 mt physical delivery to customers²

¹ LNG trading volumes excl. financial trading. I ² The entire physical volume is sold on downstream by these customers to end users. I ³ As of 4 March 2022.







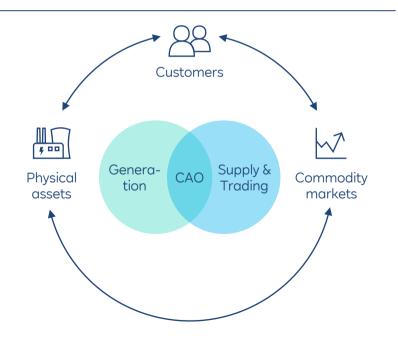




Commercial Asset Optimisation:

The interface between generation & markets

Business interaction



Commercial Asset Optimisation

©	Commercial asset management
\$	Hedging
100 mg	Dispatch and portfolio optimisation
25	Capacity markets, reserve & ancillary services
	Fuel, subfuel, waste procurement & logistics
	Sales portfolio management











Gas Storage:

Operation and Marketing of underground natural gas storages

RWE's Storage System Operators (SSO)

	Germany	Czech Republic		
Legal entity	RWE Gas Storage West GmbH	RWE Gas Storage CZ, s.r.o.		
Locations	Epe H, Epe L, Epe NL Xanten Essen Stassfurt	Prague Háje Lobodice Stramberk Dolní Tvrdonice Dunajovice		
# of facilities	5 (operating volume of 1.6 bcm ¹)	6 (operating volume of 2.7bcm ¹)		
	salt caverns	4 depleted gas fields		
Type of storages and details		1 aquifer storage		
details		1 rock cavern		
Regulatory	Regulated business according to Directive 2009/73/EC ("Unbundling requirements")			

¹ Billion cubic metres.

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Coal/Nuclear

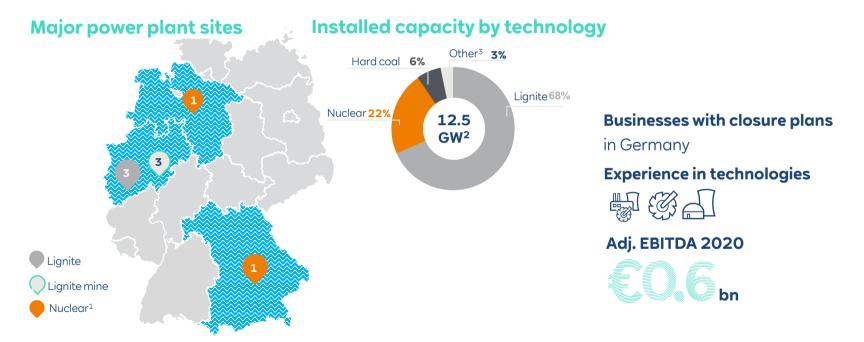








Overview of coal and nuclear portfolio



Note: As of 31 Dec 2020. Pro rata view. I ¹ Nuclear power plants which are still operating in Germany. I ² Including installed capacity (pro rata) of nuclear power plant EPZ (146 MW) in the Netherlands and hard coal power plant GKM (783 MW) in Germany not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements. I ³ Including onshore wind asset at EPZ and two topping gas turbines as well as a waste incineration plant at the Weisweiler site.











Integrated system including mining, refining and power plants

TWh power generation¹



GW installed capacity¹



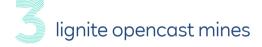
power units in time stretched decommissioning (total: **1.5 GW**)



Closures by 2038

Responsible and socially acceptable phaseout of coal









Recultivation

Concept for lignite mines

Note: As of 31 Dec 2020, 11 Including refining plants, 12 Excluding power plants in time stretched decomissioning and refining power plants.





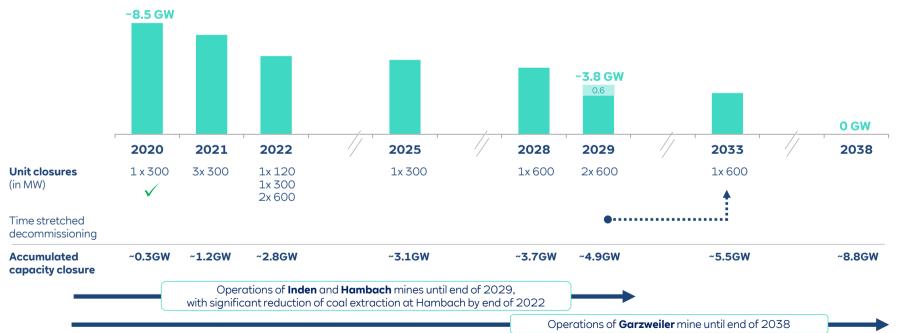






Agreed closure plan for RWE's lignite operations

Year-end installed capacity¹



¹Excludes plants already placed in time stretched decommissioning, includes refining plants.



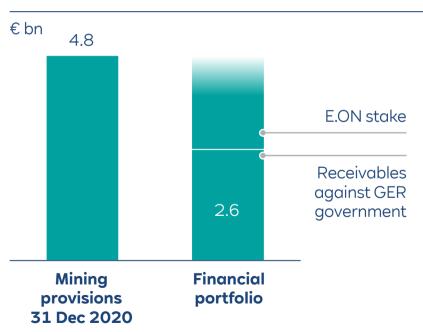






Financially ring-fenced coal phaseout liabilities with financial portfolio

Funding of coal phaseout liabilities



- Provisions for coal phaseout liabilities reflecting accelerated coal phaseout total €4.8bn
- Agreement with German government includes compensation payment of €2.6bn payable over 15 annual instalments
- Commitment to back amount with adequate financial portfolio. Financial portfolio currently consists of
 - Receivables against German government
 - 15% stake in E.ON (income from financial portfolio recognised in 'financial result')











Longstanding experience in recultivation & Structural change



Forestry recultivation

Near-natural forest management By mid of the century 1.900 more hectares of forest reforested than cleared

Biodiversity Diversity of species comparable to high value reference habitat with >3.100 animal species and

Renewable energy

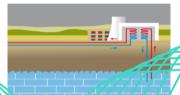
Wind farm on recultivated former opencast mininig sites



New technologies....

Existing power plant equipment and infrastructure can be used for other technologies

- Deep Geothermal energy



Recultivation



species

Agricultural recultivation

7 years biological activation of fields by RWE Afterwards farmer take over the fields for planting Quality of land guaranteed by RWE for 25 years

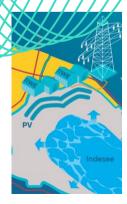




Industry Hubs

on former power station sites and opencast mines

Plant repurposing



... and opportunities

Economical use of fallow land for open-space PV systems includina battery storage in the opencast minina landscape

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Nuclear:

Experience across entire nuclear plant lifecycle

20.7 _{TWh}		Nuclear units in Germany	Net capacity (GW)	Er oper
power generation	<u>}</u>	Emsland Gundremmingen C	1.3 1.3	2
2.8 gw installed capacity		Gundremmingen B Biblis A	1.3 1.2	2
Phaseout of nuclear by 2022	· · · · · · · · · · · · · · · · · · ·	Biblis B Mülheim-Kärlich Lingen KWL	1.2 1.2 0.3	2 1 1
Secure and efficient	~	Gundremmingen A	0.2	1

				Status			
Nuclear units in Germany	Net capacity (GW)	End of operations	Spent fuel removal	Decomm. licence	Decomm. progress		
Emsland	1.3	2022	2027	Pending		Operational	
Gundremmingen C	1.3	2021	2026	✓		(2.6 GW)	
Gundremmingen B	1.3	2017	2022	4	()		
Biblis A	1.2	2011	✓	✓			
Biblis B	1.2	2011	✓	✓		In decom-	
Mülheim-Kärlich	1.2	1988	✓	✓		missioning (5.4 GW)	
Lingen KWL	0.3	1979	✓	✓			
Gundremmingen A	0.2	1977	✓	✓			
Kahl ¹	0.01	1985	✓	✓		Decommissioned	

Note: As of 31 Dec 2020; including EPZ. I 1 20% owned by PreussenElektra (E.ON).

decommissioning







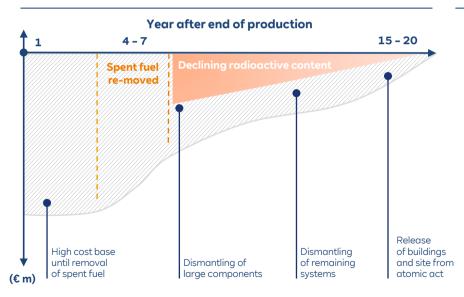




Nuclear:

Cash flow profile of provisions driven by timing of individual shutdowns

Example: Decommissioning cash flow profile (one unit) illustrative



Accounting of provisions

Nuclear provisions (31.12.2020)	€6.5bn
Discount rate	0.0%
Escalation rate	1.5%
Sensitivity (+/-10 bps change in real discount rate)	c/+€45m

Utilisation of provisions

- Stable utilisation of provisions (€300m – €350m p.a.) in 2021
- Increased utilisation of provisions due to further shutdowns (€300m - €500m p.a.) from 2022 onwards
- Clear reduction in utilisation of provisions from ~2030 onwards





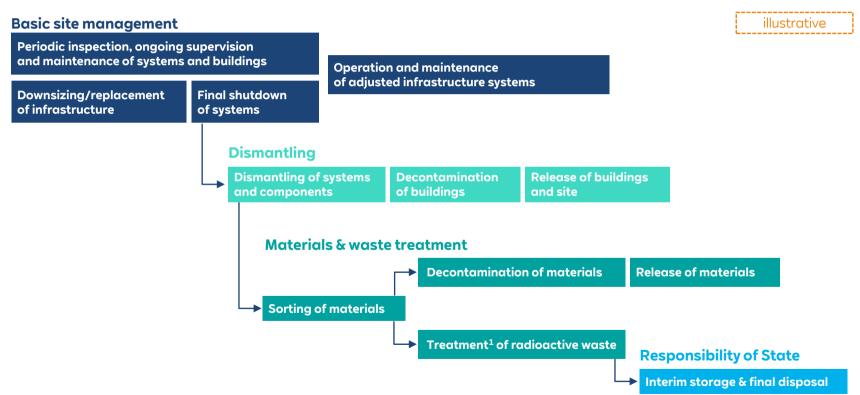






Nuclear:

Decommissioning steps



¹ For example melting, incineration, compaction, packaging and documentation.

Appendix

Accounting treatment¹ of renewable assets

	Model 1	Model 2	Model 3a	Model 3b	Model 4
		onsolidated financial tements	Equity method	Joint operations	Other investments
RWE share of project ²	100%	>50%, <100%	>20%, =<50%	>20%, =<50%	>0% - 20%
Capacity view					
Pro rata MW	100%	pro rata	pro rata	pro rata	pro rata
Accounting MW	100%	100%	n/a	pro rata	n/a
Profit and loss statement					
Contribution to EBITDA	100%	100%	0%	pro rata	0%
Contribution to depreciation	100%	100%	0%	pro rata	0%
Contribution to EBIT	100%	100%	0%	pro rata	0%
Contribution to at equity income in EBIT/DA	n/a	n/a	pro rata	n/a	n/a
Contribution to income other investments in EBIT/DA	n/a	n/a	n/a	n/a	pro rata
Minorities	n/a	(100% - RWE share)	n/a	n/a	n/a
Cash flow statement					
Consideration in operating cash flow	100%	100%	pro rata ³	pro rata	pro rata ³
Consideration in investing cash flow	100%	100%	pro rata ⁴	pro rata	pro rata ⁴
Consideration in financing cash flow ⁵	n/a	(100% - RWE share)	n/a	n/a	n/a
Balance sheet assets					
Consolidated assets	100%	100%	n/a	pro rata	n/a
Equity investments	n/a	n/a	pro rata	n/a	n/a
Other investments	n/a	n/a	n/a	n/a	pro rata

¹Accounting treatment refers to list of sharesholding tables in RWE's annual report. I ² RWE's share of project corresponds to the voting rights and no adverse provisions in shareholders agreement are agreed, which would influence RWE's ability to control that company. I ³ Dividend. I ⁴ Capital and shareholder loan increase/decrease. I ⁵ Disregarding any financing structure (e.g. tax equity, project financing etc.).

RWE power plant portfolio (I/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sta	dation	Pro ra	ta view	Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Offshore wind											
Alpha Ventus 1	Germany	2010	30	0%	0	26%	8	3a	22%	FiT ¹	2030
Alpha Ventus 2	Germany	2009	30	0%	0	26%	8	3a	45%	FiT ¹	2029
Amrumbank West	Germany	2015	302	100%	302	100%	302	1	49%	FiT ²	2035
Arkona-Becken Südost	Germany	2018	385	0%	0	50%	193	3a	48%	FiT ³	2039
Nordsee One	Germany	2017	332	0%	0	14%	45	4	n.a.	FiT ²	2037
Nordsee Ost	Germany	2015	295	100%	295	100%	295	1	36%	FiT ²	2034
Galloper	UK	2018	353	0%	0	25%	88	3a	51%	1.8 ROC	2037
Greater Gabbard	UK	2012	504	50%	252	50%	252	3b	43%	2 ROC	2032
Gwynt y Mor	UK	2015	576	50%	288	50%	288	3b	38%	2 ROC	2035
Humber 1	UK	2015	108	100%	108	51%	55	2	51%	2 ROC	2035
Humber 2	UK	2015	111	100%	111	51%	57	2	49%	2 ROC	2035
London Array LARYW-1	UK	2013	155	30%	46	30%	46	3b	47%	2 ROC	2032
London Array LARYW-2	UK	2013	158	30%	48	30%	48	3b	47%	2 ROC	2032
London Array LARYW-3	UK	2013	158	30%	48	30%	48	3b	47%	2 ROC	2032
London Array LARYW-4	UK	2013	158	30%	48	30%	48	3b	47%	2 ROC	2032
Rampion 1	UK	2018	200	0%	0	30%	60	3a	51%	1.8 ROC	2037
Rampion 2	UK	2018	200	0%	0	30%	60	3a	50%	1.8 ROC	2037
Rhyl Flats	UK	2009	90	100%	90	50%	45	2	39%	1.8 ROC	2029

 $^{^1}$ EEG compression model: €154/MWh for first 12 years + 1.5 year on average (by turbine) depending on water depth and distance to shore, thereafter €39/MWh. 1 EEG compression model: €184/MWh for first 8 years, then €154/MWh for 1 to 2 years on average depending on water depth and distance to shore, thereafter €39/MWh. 1 EEG compression model: €184/MWh for first 8 years, then €149/MWh for further 2 years, thereafter €39/MWh. 1 Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (II/XVI)

Power plant	Country	Commissioned	Net capacity	consol	legal idation ake	Pro ra	ta view	Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
⚠ Offshore wind											
Robin Rigg East	UK	2010	84	100%	84	100%	84	1	43%	2 ROC	2030
Robin Rigg West	UK	2009	90	100%	90	100%	90	1	45%	1.5 ROC	2029
Scroby Sands	UK	2004	60	100%	60	100%	60	1	39%	1 ROC	2027
Thornton Bank 1	Belgium	2009	30	0%	0	27%	8	3a	39%	Other	2029
Thornton Bank 2	Belgium	2012	148	0%	0	27%	39	3a	39%	Other	2032
Thornton Bank 3	Belgium	2013	148	0%	Ο	27%	39	3a	39%	Other	2033
Rødsand 2	Denmark	2010	207	0%	0	20%	41	3a	46%	CfD	2022
Karehamn	Sweden	2013	48	100%	48	100%	48	1	53%	Green Certificate	2028
Total offshore wind			4,961		1,918		2,355				
Onshore wind											
Barbecke	Germany	2002	14	100%	14	100%	14	1	17%	FiT	2022
Bartelsdorf	Germany	2009	32	100%	32	100%	32	1	22%	FiT	2029
Bedburg Königshovener Höhe A	Germany	2014	38	100%	38	51%	19	2	32%	FiT	2034
Bedburg Königshovener Höhe A	Germany	2015	29	100%	29	51%	15	2	32%	FiT	2034
Dargelütz	Germany	2006	22	100%	22	100%	22	1	17%	FiT	2026
Düshorner Heide	Germany	2014	26	100%	26	51%	13	2	19%	FiT	2034
Eschweiler-Fronhoven A	Germany	2017	29	100%	29	51%	15	2	27%	FiT	2037
Krusemark B	Germany	2001	11	100%	11	100%	11	1	10%	FiT	2021

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (III/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sta	dation	Pro rat	a view	Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Onshore wind continued											
Lasbek	Germany	2004	11	100%	11	100%	11	1	14%	FiT	2024
Lesse A	Germany	2002	20	100%	20	100%	20	1	20%	FiT	2023
Lesse B	Germany	2002	21	100%	21	100%	21	1	22%	FiT	2030
Lichtenau	Germany	1997	11	100%	11	100%	11	1	15%	FiT	2020
Malterhausen	Germany	2002	29	100%	29	100%	29	1	10%	FiT	2022
Putlitz	Germany	2004	62	100%	62	100%	62	1	22%	FiT	2024
Schmarloh	Germany	2008	28	100%	28	100%	28	1	21%	FiT	2030
Titz-Nord	Germany	2012	21	100%	21	51%	10	2	29%	FiT	2032
Twistringen	Germany	2008	12	100%	12	100%	12	1	14%	FiT	2029
Wiedenfelder Höhe A+B	Germany	2017	13	100%	13	100%	13	1	26%	FiT	2037
Various (RWE Economic Stake < 10 MW)	Germany	various	238	various	238	various	224	various	various	various	various
Acampo Armijo	Spain	2002	18	100%	18	100%	18	1	26%	Merchant	n.a.
Aldehuelas	Spain	2005	47	100%	47	95%	45	2	30%	Other	2024
Bancal	Spain	2007	21	100%	21	100%	21	1	16%	Other	2027
Bosque Alto	Spain	2002	22	100%	22	100%	22	1	23%	Merchant	n.a.
Grisel I	Spain	2001	14	100%	14	100%	14	1	17%	Merchant (82%)	n.a.
Juno	Spain	2004	50	100%	50	99%	49	2	26%	Other	2024
Lanternoso	Spain	2005	24	100%	24	100%	24	1	28%	Other	2024
Los Labrados	Spain	2002	24	100%	24	100%	24	1	20%	Merchant	n.a.
Luna	Spain	2004	50	100%	50	99%	49	2	27%	Other	2024

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (IV/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sto	dation	Pro rata view		Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Onshore wind continued											
Muel	Spain	1998	16	100%	16	100%	16	1	22%	Merchant	n.a.
Plana de la Balsa	Spain	2002	24	100%	24	100%	24	1	17%	Merchant	n.a.
Plana de Maria	Spain	2002	24	100%	24	100%	24	1	18%	Merchant	n.a.
Plana de Zaragoza	Spain	2002	24	100%	24	100%	24	1	22%	Merchant	n.a.
Rio Gallego I	Spain	2003	36	100%	36	100%	36	1	19%	Merchant (93%)	n.a.
Siglos	Spain	2007	18	100%	18	100%	18	1	18%	Other	2027
Urano	Spain	2004	30	100%	30	99%	30	2	20%	Other	2024
Various (RWE Economic Stake < 10 MW)	Spain	various	6	100%	6	100%	6	1	various	various	various
Alcamo	Italy	2011	32	100%	32	100%	32	1	18%	FIP	2026
Deliceto	Italy	2012	23	100%	23	100%	23	1	19%	FiT	2027
Florinas	Italy	2004	20	100%	20	100%	20	1	13%	Merchant	2016
lardino	Italy	2005	14	100%	14	100%	14	1	15%	Merchant	2017
Marco A. Severino	Italy	2007	32	100%	32	100%	32	1	18%	Merchant	2019
Marco A. Severino II	Italy	2007	12	100%	12	100%	12	1	18%	Merchant	2019
Montecute	Italy	2006	42	100%	42	100%	42	1	19%	Merchant	2019
Morcone	Italy	2019	57	100%	57	100%	57	1	36%	CfD	2039
Piano di Corda I	Italy	2007	38	100%	38	100%	38	1	22%	FIP	2021
Poggi Alti	Italy	2006	20	100%	20	100%	20	1	15%	Merchant	2019
San Basilio	Italy	2010	25	100%	25	51%	13	2	18%	FiT	2025
Santa Ninfa (Trapani) (G58 part)	Italy	2007	24	100%	24	100%	24	1	22%	Merchant	2019

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (V/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sto	dation	Pro rata view		Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Onshore wind continued											
Serra Pelata I	Italy	2007	42	100%	42	100%	42	1	28%	Merchant	2019
Serra Pelata II	Italy	2010	12	100%	12	100%	12	1	28%	Merchant	2019
Ururi	Italy	2011	26	100%	26	51%	13	2	21%	FiT	2025
Vizzini	Italy	2006	24	100%	24	100%	24	1	16%	Merchant	2018
Various (RWE Economic Stake < 10 MW)	Italy	various	33	100%	33	various	25	various	various	various	various
Westereems I	Netherlands	2009	123	100%	123	100%	123	1	28%	Merchant	n.a.
Westereems II	Netherlands	2012	12	100%	12	100%	12	1	30%	FiT	2027
Zuidwester	Netherlands	2016	90	100%	90	100%	90	1	35%	FiT	2031
Various (RWE Economic Stake < 10 MW)	Netherlands	various	59	100%	42	100%	42	1	various	various	various
Barzowice	Poland	2011	21	100%	21	100%	21	1	35%	Green Certificate	2026
Krzęcin	Poland	2012	14	100%	14	100%	14	1	32%	Certificate	2027
Nowy Staw 1	Poland	2013	45	100%	45	100%	45	1	35%	Certificate	2028
Nowy Staw 2	Poland	2015	28	100%	28	100%	28	1	40%	Certificate	2030
Opalenica	Poland	2015	17	100%	17	100%	17	1	30%	Certificate	2030
Piecki	Poland	2010	32	100%	32	51%	16	2	24%	Certificate	2025
Suwalki	Poland	2009	41	100%	41	100%	41	1	27%	Certificate	2024
Taciewo	Poland	2012	30	100%	30	100%	30	1	25%	Certificate	2027
Tychowo	Poland	2011	35	100%	35	100%	35	1	24%	Certificate	2025
Wielkopolska	Poland	2010	53	100%	53	100%	53	1	27%	Green Certificate	2025
Wielkopolska 2a	Poland	2014	15	100%	15	100%	15	1	27%	Green Certificate	2029

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (VI/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sta	dation	Pro rat	Accounting treatment		Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Onshore wind continued											
Wysoka I	Poland	2013	8	100%	8	100%	8	1	21%	Green Certificate	2028
Wysoka II	Poland	2014	48	100%	48	100%	48	1	22%	Green Certificate	2029
Knäred	Sweden	2012	20	100%	20	100%	20	1	31%	Green Certificate	2027
Nybro	Sweden	2011	20	100%	20	90%	18	2	37%	Green Certificate	2026
Örken	Sweden	2012	18	100%	18	100%	18	1	32%	Green Certificate	2027
Villköl	Sweden	2013	21	100%	21	100%	21	1	35%	Green Certificate	2027
Various (RWE Economic Stake < 10 MW)	Sweden	various	37	various	37	various	31	various	various	various	various
Bad A Cheo	UK	2019	27	100%	27	100%	27	1	34%	CfD	2034
Bowbeat (Emly Bank)	UK	2002	16	100%	16	100%	16	1	27%	1 ROC	2027
Bowbeat (Roughside)	UK	2002	16	100%	16	100%	16	1	27%	1 ROC	2027
Bradwell	UK	2013	21	100%	21	100%	21	1	32%	1 ROC	2033
Brechfa Forest West	UK	2018	57	100%	57	100%	57	1	36%	0.9 ROC	2038
Camster	UK	2013	50	100%	50	100%	50	1	36%	1 ROC	2033
Deucheran Hill	UK	2002	16	100%	16	100%	16	1	21%	1 ROC	2026
Goole Fields A	UK	2013	33	100%	33	100%	33	1	30%	0.9 ROC	2033
Goole Fields B	UK	2016	35	100%	35	100%	35	1	34%	0.9 ROC	2036
Kiln Pit Hill	UK	2012	14	100%	14	100%	14	1	26%	1 ROC	2032
Knabs Ridge	UK	2007	16	100%	16	100%	16	1	21%	1 ROC	2027
Little Cheyne Court	UK	2008	60	100%	60	59%	35	2	32%	1 ROC	2028
Middlemoor	UK	2013	54	100%	54	51%	28	2	32%	1 ROC	2033

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (VII/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sta	dation	Pro rat	a view	Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Onshore wind continued											
Mynydd Y Gwair	UK	2019	33	100%	33	100%	33	1	39%	CfD	2034
Novar 2	UK	2012	37	100%	37	100%	37	1	23%	1 ROC	2033
Rosehall	UK	2013	25	100%	25	100%	25	1	25%	1 ROC	2032
Stags Holt	UK	2007	20	100%	20	100%	20	1	26%	1 ROC	2027
Tween Bridge	UK	2012	44	100%	44	100%	44	1	30%	1 ROC	2032
Various (RWE Economic Stake < 10 MW)	UK	various	148	various	136	various	126	various	various	various	various
Dromadda Beg	Ireland	2018	10	100%	10	100%	10	1	35%	FiT	2032
Various (RWE Economic Stake < 10 MW)	Portugal	various	8	0%	0	various	3	3a	various	FiT	various
Anacacho	US	2012	100	100%	100	100%	100	1	36%	REC/PTC	2022
Boiling Springs	US	2020	148	100%	148	100%	148	1	n.a.	REC/PTC	2030
Bruenning's Breeze	US	2017	228	100%	228	100%	228	1	27%	REC/PTC	2027
Champion	US	2008	127	100%	127	100%	127	1	31%	REC	n.a.
Colbeck's Corner	US	2016	200	100%	200	100%	200	1	50%	REC/PTC	2026
Cranell	US	2020	220	100%	220	100%	220	1	n.a.	REC/PTC	2030
East Raymond	US	2020	200	100%	200	100%	200	1	n.a.	REC/PTC	2030
Forest Creek	US	2007	124	100%	124	100%	124	1	29%	REC	n.a.
Grand View I	US	2014	211	0%	0	50%	106	3a	48%	REC/PTC	2024
Inadale	US	2009	197	100%	197	100%	197	1	29%	REC	n.a.
Magic Valley I	US	2012	203	0%	0	20%	41	3a	30%	REC/PTC	2022
Munnsville	US	2007	35	100%	35	100%	35	1	29%	REC	n.a.

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (VIII/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli		Pro ra	ta view	Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Onshore wind continued											
Panther Creek - Phase I	US	2008	143	100%	143	100%	143	1	44%	REC	n.a.
Panther Creek - Phase II	US	2008	116	100%	116	100%	116	1	44%	REC	n.a.
Panther Creek - Phase III	US	2009	200	100%	200	100%	200	1	32%	REC	n.a.
Papalote Creek I	US	2009	180	0%	0	50%	90	3a	32%	REC	n.a.
Papalote Creek II	US	2010	200	0%	0	50%	100	3a	30%	REC	n.a.
Peyton Creek	US	2020	151	100%	151	100%	151	1	25%	REC/PTC	2030
Pioneer Trail	US	2012	150	100%	150	100%	150	1	34%	REC/PTC	2021
Pyron	US	2009	249	100%	249	100%	249	1	32%	REC	n.a.
Radford's Run	US	2017	306	100%	306	100%	306	1	38%	REC/PTC	2027
Roscoe	US	2008	209	100%	209	100%	209	1	28%	REC	n.a.
Sand Bluff	US	2008	90	100%	90	100%	90	1	18%	REC	n.a.
Settlers Trail	US	2011	150	100%	150	100%	150	1	29%	REC/PTC	2021
Stella	US	2018	201	100%	201	100%	201	1	35%	REC/PTC	2028
Stony Creek	US	2009	53	0%	0	50%	26	3a	32%	REC	n.a.
Wildcatl	US	2012	203	0%	0	20%	41	3a	34%	REC/PTC	2022
Total onshore wind			7,703		6,616		6,816				

RWE power plant portfolio (IX/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consoli sta	dation	Pro ra	ta view	Accounting treatment	Load factor 2020	Support regime	Support expiry
			MW	%	MW	%	MW		%		
Solar											
West of the Pecos	US	2019	100	100%	100	100%	100	1	28%	ITC	2024
Various (RWE Economic Stake < 10 MW)	US	various	27	various	25	100%	27	various	various	various	various
Hull	Canada	2020	25	100%	25	100%	25	1	16%	none/PPA	2030
Vauxhall	Canada	2020	22	100%	22	100%	22	1	21%	none/PPA	2030
Stawiec	Poland	2019	1	100%	1	100%	1	1	14%	CfD	2034
Various (RWE Economic Stake < 10 MW)	Germany	various	3	100%	3	various	3	various	various	FiT	various
Alarcos	Spain	2020	45	100%	45	100%	45	1	21%	none/PPA	2030
Various (RWE Economic Stake < 10 MW)	Spain	various	51	0%	Ο	various	7	4	various	various	various
Total solar			273		220		229				
Δ.											
Storage											
Iron Horse (ES)	US	2017	10	0%	0	100%	10	4	0%	ITC	2047
Texas Waves - Inadale	US	2018	10	100%	10	100%	10	1	0%	ITC	2033
Texas Waves - Pyron	US	2018	10	100%	10	100%	10	1	0%	ITC	2033
Total storage			30		20		30				

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (X/XVI)

Power plant	Country	Commissioned	Net capacity	RWE's consolid stal	dation	Pro rata view		Comment
			MW	%	MW	%	MW	
र्र्ीर Hydro								
Detzem	Germany	1962	24	100%	24	100%	24	
Enkirch	Germany	1966	18	100%	18	100%	18	
Fankel	Germany	1963	16	100%	16	100%	16	
Heimbach	Germany	1905	16	100%	16	100%	16	
Koblenz	Germany	1951	16	100%	16	100%	16	
Lehmen	Germany	1962	20	100%	20	100%	20	
Müden	Germany	1965	16	100%	16	100%	16	
Neef	Germany	1966	16	100%	16	100%	16	
RADAG Wehrkraftwerk	Germany	1933	84	100%	84	77%	66	
RADAG Wehrkraftwerk	Germany	2009	24	100%	24	77%	19	
Schwammenauel	Germany	1938	14	100%	14	100%	14	
Serrig	Germany	1985	12	100%	12	100%	12	
Trier	Germany	1962	19	100%	19	100%	19	
Wintrich	Germany	1965	20	100%	20	100%	20	
Zeltingen	Germany	1964	14	100%	14	100%	14	
Various (RWE Economic Stake < 10 MW)	Germany	various	104	various	101	various	101	
Linne HH 1-4	Netherlands	1989	11	100%	11	100%	11	
Grevenmacher	Luxembourg		8	50%	4	50%	4	Deploy at our discretion on basis of long-term agreements.
Dolgarrog High Head	UK	1907	18	100%	18	100%	18	
Dolgarrog Low Head	UK	1907	15	100%	15	100%	15	

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (XI/XVI)

Power plant	Country	Commissioned	Net capacity	conso	s legal lidation ake	Pro rata view		Comment
			MW	%	MW	%	MW	
Hydro continued								
Various (RWE Economic Stake < 10 MW)	UK	various	49	100%	49	100%	49	
Various (RWE Economic Stake < 10 MW)	Spain	various	12	100%	12	var.	10	
Various (RWE Economic Stake < 10 MW)	France	various	45	100%	45	100%	45	
Various (RWE Economic Stake < 10 MW)	Portugal	various	28	var.	16	war.	17	
Total hydro			620		602		577	
Cor =:								
Biomass								
Amercentrale ST 9	Netherlands	1993	500	100%	500	100%	500	80% biomass co-firing.
Eemshaven A	Netherlands	2014	119	100%	119	100%	119	15% biomass co-firing.
Eemshaven B	Netherlands	2014	119	100%	119	100%	119	15% biomass co-firing.
Markinch	UK	2014	55	100%	55	100%	55	
Total biomass			610		610		610	

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (XI/XVI)

Power plant	Country	Commissioned	Net capacity	consc	's legal lidation ake	Pro rat	a view	Comment
			MW	%	MW	%	MW	
Gas								
Dortmund	Germany	2004	26	100%	26	100%	26	
Emsland B	Germany	1973	475	100%	475	100%	475	
Emsland C	Germany	1974	475	100%	475	100%	475	
Emsland D	Germany	2010	927	100%	927	100%	927	
Gersteinwerk F	Germany	1973	401	100%	401	100%	401	
Gersteinwerk G	Germany	1973	400	100%	400	100%	400	
Gersteinwerk I	Germany	1973	405	100%	405	100%	405	
Gersteinwerk Werne K1	Germany	1984	112	100%	112	100%	112	
GuD Dormagen	Germany	2000	326	100%	326	100%	326	
GuD Dormagen	Germany	2000	260	100%	260	100%	260	
Weisweiler VGT G, H	Germany	2006	400	100%	400	100%	400	Two topping gas turbines at the Weisweiler site.
Clauscentrale C	Netherlands	2012	1,304	100%	1,304	100%	1,304	
Moerdijk	Netherlands	1996	348	100%	348	100%	348	
Moerdijk 2	Netherlands	2012	426	100%	426	100%	426	
Swentibold CC	Netherlands	1999	245	100%	245	100%	245	
Cheshire	UK	2000	40	100%	40	100%	40	
Didcot B	UK	1996-1997	1,440	100%	1,440	100%	1,440	
Great Yarmouth	UK	2001	411	100%	411	100%	411	
Grimsby	UK	2018	20	100%	20	100%	20	

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (XII/XVI)

Power plant	Country	Commissioned	Net capacity	cons	i's legal plidation take	Pro ro	ıta view	Comment
			MW	%	MW	%	MW	
Gas continued								
Hythe	UK	2005	56	100%	56	100%	56	
King's Lynn	UK	1997	382	100%	382	100%	382	
Little Barford	UK	1994	698	100%	698	100%	698	
Pembroke	UK	2012	2,181	100%	2,181	100%	2,181	
Phillips Petroleum	UK	1999	55	100%	55	100%	55	
Staythorpe	UK	2010	1,701	100%	1,701	100%	1,701	
Denizli	Turkey	2013	787	100%	787	70%	551	
Total gas			14,301		14,301		14,065	

RWE power plant portfolio (XIII/XVI)

Power plant	Country	Commissioned	Net capacity	conse	s legal olidation take	Pro rat	ta view	Comment		
			MW	%	MW	%	MW			
Pumped storage and batteries										
Koepchenwerk	Germany	1989	165	100%	165	100%	165			
SEO Vianden	Germany		1,294	100%	1,294	100%	1,294	Deploy at our discretion on basis of long-term agreements.		
Schluchsee	Germany		1,740	50%	870	50%	870	Deploy at our discretion on basis of long-term agreements.		
Battery storage Allgäuspeicher	Germany	2018	1	100%	1	100%	1			
Battery storage Herdecke	Germany	2018	7	100%	7	100%	7			
Battery storage Hoppecke	Germany	2018	1	100%	1	100%	1			
Various (RWE Economic Stake < 10 MW)	Germany		1	100%	1	100%	1			
Master+ UK Pilot in Hythe	UK		0.1	100%	0.1	100%	0.1			
Total pumped storage and batteries			3,209		2,339		2,339			
Oil										
Cowes OCGT	UK	1982	140	100%	140	100%	140			
Didcot OCGT	UK	1972-1975	96	100%	96	100%	96			
Little Barford OCGT	UK	2006	17	100%	17	100%	17			
Total oil			253		253		253			

Note: As of 31 Dec 2020; Rounding differences may occur.

RWE power plant portfolio (XIV/XVI)

Power plant	Country	Commissioned	Net capacity	cons	E's legal olidation take	Pro rat	ta view	Comment
			MW	%	MW	%	MW	
Lignite								
Goldenberg	Germany	1993	40	100%	40	100%	40	
Neurath A	Germany	1972	294	100%	294	100%	294	
Neurath B	Germany	1972	294	100%	294	100%	294	To be closed as of 31. December 2021.
Neurath D	Germany	1975	607	100%	607	100%	607	
Neurath E	Germany	1976	604	100%	604	100%	604	
Neurath F (BoA 3)	Germany	2012	1,060	100%	1,060	100%	1,060	
Neurath G (BoA 2)	Germany	2012	1,060	100%	1,060	100%	1,060	
Niederaussem C	Germany	1965	295	100%	295	100%	295	To be closed as of 31. December 2021.
Niederaussem G	Germany	1974	628	100%	628	100%	628	
Niederaussem H	Germany	1974	648	100%	648	100%	648	
Niederaussem K (BoA1)	Germany	2002	944	100%	944	100%	944	
Weisweiler E	Germany	1965	321	100%	321	100%	321	To be closed as of 31. December 2021 (or unit F).
Weisweiler F	Germany	1967	321	100%	321	100%	321	
Weisweiler G	Germany	1974	663	100%	663	100%	663	
Weisweiler H	Germany	1975	656	100%	656	100%	656	
Total lignite ¹			8,548		8,548		8,548	

RWE power plant portfolio (XV/XVI)

Power plant	Country	Commissioned	Net capacity	cons	E's legal olidation take	Pro ra	ta view	Comment
			MW	%	MW	%	MW	
Hard coal								
GKM	Germany		1,958	40%	783	40%	783	Deploy at our discretion on basis of long-term agreements.
Amercentrale ST 9	Netherlands	1993	131	100%	131	100%	131	J
Eemshaven A	Netherlands	2014	672	100%	672	100%	672	
Eemshaven B	Netherlands	2014	672	100%	672	100%	672	
Total hard coal			3,432		2,257		2,257	

RWE power plant portfolio (XVI/XVI)

Power plant	Country	Commissioned	Net capacity	cons	E's legal olidation stake	Pro ra	ta view	Comment	
			MW	%	MW	%	MW		
Nuclear									
Gundremmingen C	Germany	1984	1,288	100%	1,288	100%	1,288	To be closed as of 31. December 2021.	
KKW Emsland	Germany	1988	1,336	100%	1,336	100%	1,336	To be closed as of 31. December 2022.	
EPZ	Netherlands	1973	485	30%	146	30%	146		
Total nuclear			3,109		2,770		2,770		
Other									
MHKW Karnap (waste)	Germany	1987	38	100%	38	100%	38		
MVA Weisweiler (waste)	Germany	1996	27	100%	27	100%	27		
SRS Ecotherm (waste)	Germany	2003	1	100%	1	100%	1		
Total other			66		66		66		
Total generation capacity			47,297		40,702		41,097		

Note: As of 31 Dec 2020; Rounding differences may occur.

Portfolio changes for Wind/Solar H1 2021 vs. 31 Dec 2020

		Transact	tion	Net capacity				Pro-rate					
Project	Country	Toma	Derte		9/		9/				Accounting	Support	Support expiry
name	Country	Type	Date	NIVV	% ********	IVIVV	%	MIVV	% ***********			regime	expiry
Rampion	UK	acquired	Apr 21	400	100%	400	50%	201	20%	80	2	ROC	2037
	Y. Y				****					-231			
Elisenhof	GER	partly decommissioned	Jan 21	1	100%	1	100%	1	0%	-7	4	FiT	2020
Lichtenau	GER	disposal	Mar 21	0	0%	0	0%	0	-100%	-11	1	FiT	2020
Friedrichsgabekoog	GER	disposal	Mar 21	2	100%	2	100%	2	0%	-3	1	FiT	2020
Krusemark A	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	-2	1	FiT	2020
Krusemark B	GER	partly decommissioned	Mar 21	7	100%	7	100%	7	0%	-4	1	FiT	2021
Krusemark C	GER	partly decommissioned	Feb 21	7	100%		100%	7	0%	-2	1	FiT	2024
Krusemark D	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	-1	1	FiT	2020
Cranell	US	disposal	Jan 21	220	0%	0	25%	55	-75%	-165		REC/PTC	2030
Stella	US	disposal	Jan 21	201	0%	0	25%	50	-75%	-151	3a	REC/PTC	2030
Raymond East	US	disposal	Jan 21	200	0%	0	25%	50	-75%	-150	3a	REC/PTC	2030
Scioto Ridge	US	commissioned	May 21	250	100%	250	100%	250	100%	250	1	REC/PTC	2031
Alcamo	IT	commissioned	Apr 21	14	100%	14	100%	14	100%	14	1		
	YAYAA									0			XXXXXX
Mettmann/ Am Schwarzen Pferd	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	0,0	1	FiT	2020
Paffendorf	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	-0,1	1	FiT	2020
	Rampion Elisenhof Lichtenau Friedrichsgabekoog Krusemark A Krusemark B Krusemark C Krusemark D Cranell Stella Raymond East Scioto Ridge Alcamo Mettmann/ Am Schwarzen Pferd	Rampion UK Elisenhof GER Lichtenau GER Friedrichsgabekoog GER Krusemark A GER Krusemark B GER Krusemark C GER Krusemark D GER Cranell US Stella US Raymond East US Scioto Ridge US Alcamo IT	Project name Country Type Rampion UK acquired Elisenhof GER decommissioned Lichtenau GER disposal Friedrichsgabekoog Krusemark A GER decommissioned Krusemark B GER decommissioned Krusemark C GER decommissioned Krusemark D GER decommissioned Cranell US disposal Stella US disposal Raymond East US disposal Scioto Ridge US commissioned Alcamo IT commissioned Mettmann/ Am Schwarzen Pferd GER Dartly decommissioned decommissioned disposal Alcamo IT commissioned	Rampion UK acquired Apr 21 Elisenhof GER partly decommissioned decommissioned decommissioned Mar 21 Friedrichsgabekoog GER disposal Mar 21 Krusemark A GER decommissioned Mar 21 Krusemark B GER decommissioned Mar 21 Krusemark C GER decommissioned partly decommissioned decommissioned Mar 21 Krusemark D GER decommissioned Mar 21 Cranell US disposal Jan 21 Stella US disposal Jan 21 Raymond East US disposal Jan 21 Scioto Ridge US commissioned May 21 Alcamo IT commissioned Apr 21 Mettmann/ Am Schwarzen Pferd GER decommissioned Mar 21	Project name Country Type Date MW Rampion UK acquired Apr 21 400 Elisenhof GER partly decommissioned Jan 21 1 Lichtenau GER disposal Mar 21 0 Friedrichsgabekoog GER disposal Mar 21 2 Krusemark A GER decommissioned Mar 21 0 Krusemark B GER decommissioned Mar 21 7 Krusemark C GER decommissioned Feb 21 7 Krusemark D GER decommissioned Mar 21 0 Cranell US disposal Jan 21 220 Stella US disposal Jan 21 201 Raymond East US disposal Jan 21 200 Scioto Ridge US commissioned May 21 250 Alcamo IT commissioned Apr 21 14	Project name Country Type Date MW Rampion UK acquired Apr 21 400 100% Elisenhof GER partly decommissioned Lichtenau GER disposal Mar 21 0 0% Friedrichsgabekoog GER disposal Mar 21 2 100% Krusemark A GER decommissioned Mar 21 7 100% Krusemark B GER partly decommissioned Mar 21 7 100% Krusemark C GER partly decommissioned Mar 21 7 100% Krusemark C GER decommissioned Mar 21 7 100% Krusemark D GER decommissioned Mar 21 7 100% Krusemark D GER decommissioned Mar 21 7 100% Krusemark D GER decommissioned Mar 21 0 0 0 Cranell US disposal Jan 21 200 0% Raymond East US disposal Jan 21 200 0% Scioto Ridge US commissioned May 21 250 100% Mettmann/ Am Schwarzen Pferd GER decommissioned Mar 21 0 0 0 0 0 0 Mettmann/ Am Schwarzen Pferd GER decommissioned Mar 21 0 0 0 0 0 0 0 0 0 0 0 0 0	Project name Country Type Date MW % MW Rampion UK acquired Apr 21 400 100% 400 Elisenhof GER partly decommissioned decommissioned Jan 21 1 100% 1 Lichtenau GER disposal Mar 21 0 0% 0 Friedrichsgabekoog GER disposal Mar 21 2 100% 2 Krusemark A GER decommissioned Mar 21 0 0% 0 Krusemark B GER partly decommissioned Mar 21 7 100% 7 Krusemark C GER decommissioned Feb 21 7 100% 7 Krusemark D GER decommissioned Mar 21 0 0% 0 Cranell US disposal Jan 21 220 0% 0 Stella US disposal Jan 21 200 0% 0 Scioto Ridge	Project Apr 21 Apr 21	Project name Country Type Date MW % MW % MW Rompion UK acquired Apr 21 400 100% 400 50% 201 Elisenhof GER partly decommissioned decommissioned decommissioned decommissioned Jan 21 1 100% 1 100% 1 Lichtenau GER disposal Mar 21 0 0% 0 0% 0 Friedrichsgabekoog GER disposal Mar 21 2 100% 2 100% 2 Krusemark A GER decommissioned Mar 21 7 100% 7 100% 7 Krusemark B GER partly decommissioned Mar 21 7 100% 7 100% 7 Krusemark C GER decommissioned Mar 21 0 0% 0 0% 0 Cranell US disposal Jan 21 220 0% 0 25% 55 <	Project Proj	Project name Country Type Date MW % MW	Project name County Type Date MW % MW MW <th< td=""><td>Project name Country Type Date MW W MW MW MW MW MW Country Country Support Project regime Rampion UK ocquired Apr 21 400 100% 400 50% 201 20% 80 2 RCC Elisenhof GER partly decormissioned decormissioned decormissioned decormissioned decormissioned Mor 21 1 100% 1 10% -10% -11 1 Fit Friedrichsgabekoog GER disposal Mor 21 2 100% 0 0 -100% -1 1 1 Fit Krusemark A GER disposal Mor 21 2 100% 0 0 0 -100% -1 1 1 Fit Krusemark B GER decormissioned decormissioned</td></th<>	Project name Country Type Date MW W MW MW MW MW MW Country Country Support Project regime Rampion UK ocquired Apr 21 400 100% 400 50% 201 20% 80 2 RCC Elisenhof GER partly decormissioned decormissioned decormissioned decormissioned decormissioned Mor 21 1 100% 1 10% -10% -11 1 Fit Friedrichsgabekoog GER disposal Mor 21 2 100% 0 0 -100% -1 1 1 Fit Krusemark A GER disposal Mor 21 2 100% 0 0 0 -100% -1 1 1 Fit Krusemark B GER decormissioned

Total commissioned/acquired 343 MW
Total decommissioned/disposal -495 MW
Total net growth -151 MW

Note: As of 30 June 2021; Rounding differences may occur.

Glossary

Α				F						0						U		
APAC	Asia Pacific			FIT	Fe	ed-in to	ariff			OCGT	Ор	en Cycle	e Gas	Turbine		UC		Unit Contingent
В				FIP	Fe	ed-in p	remium			OFTO	Of	fshore T	ransr	mission Own	er	UC	TE	Union for the Coordination of
bcm	Billion cubic m	etre		G							Of	fshore R	Renew	vable Energy	Certific	cate V		the Transmission of Electricity
bcma	Billion cubic m	etres pe	er annum	GH	G G	OTC	Ov	Over-the-counter						Value at Risk				
bps	basis points			- 1						P						Va VP		Virtual Power Plant
BREF-LCI			ques Reference -	IED	In	dustrial	Emissions Direc	ctive		PPA	Po	wer Pur	chase	e Agreement	t	• •		virtual i ovor i lanc
С	Large Combus	stion Pi	ants	IRR Internal Rate of Return						PSA	PSA Power Supply Agreement							
	omers Commercial a	nd Indu	strial Customers	ITC Investment Tax Credit						PTC	Pro	oduction	n Tax	Credit				
CAO	Commercial A			L						R								
CCGT	Combined Cyc			LCC	DE Le	velised	Cost of Electrici	ity		REA	Renewable Energy Act							
CCS	Carbon Captu			LGC	C Lo	irge Sco	ale Generation C	Certific	ate	RED	Re	newable	e Ener					
CfD	Contract for D		9	LOL	LE Loss of load expectation						Re	newable	es					
CHO	Chief Human I			LSE	SE Load serving entity						Re	newable	e Ener	rgy Certifica	te			
CHP	Combined He			M	M					ROC	Re	newable	e Obli	gation Certif	ficate			
CO ₂ e	Carbon dioxid			MA	MACRS Modified Accelerated Cost Recovery System					RoE	Rest of Europe							
CO ₂ e	Commercial C			MW	/h _{el} M	egawat	t hour electrical	energ	y	PRS	S Renewable Portfolio Standard							
CPI	Consumer Prio			MW	/p M	egawat	t peak			S								
E	Consumer Fine	e index		MSI	R M	arket St	tability Reverse			SDE	Stimulation Renewable Energy							
ECT	Easy Commod	lity Trac	dor	Mt	М	etric tor	nnes			SDGs	Su	Sustainable Development Goals						
EMR	Energy Marke			N						T								
ETS	Emission Trad			NEC	CP N	ational I	Energy and Clim	nate Pla	an	tCO_2	To	tal carb	on did	oxide				
LIS	LITHSSIOTI TICC	ing Syst	em	NO:	x Ni	trogen	oxide			TSO	Tro	ansmissi	ion Sy	ystem Operc	ator			
	les Carlas																	
	try Codes Albania	BG	Bulgaria	DE	Germany	FR	France	ΙE	Ireland	LT	Lithuania	M	Υ Λ	Mexico	RO F	Romania	TR	Turkey
	Austria	CA	Canada	DK	Denmark	GB	Great Britain	IN	India	LU	Luxembo			Vetherlands		Serbia	TW	Taiwan
	Australia	CH	Switzerland	EE	Estonia	GR	Greece	IT	Italy	LV	Latvia	NO		Norway		Sweden	US	United States of America
	Bosnia Herzegovina Belgium	CL CZ	Chile Czech Republic	ES FI	Spain Finland	HR HU	Croatia Hungary	JP KR	Japan South Kored	ME MK	Montene Macedon			Poland Portugal		Slovenia Slovakia		
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Financial Calendar

- 11 November 2021 Interim statement on the first three quarters of 2021
- 15 November 2021 Capital Market Day 2021
- 15 March 2022 Annual Report for fiscal 2021
- 28 April 2022 **Annual General Meetina**
- 12 May 2022 Interim statement on the first guarter of 2022

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