

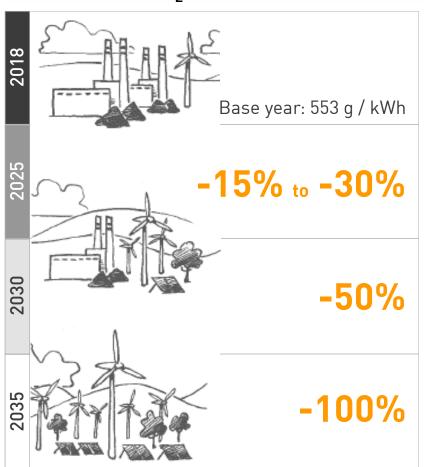
April 2021



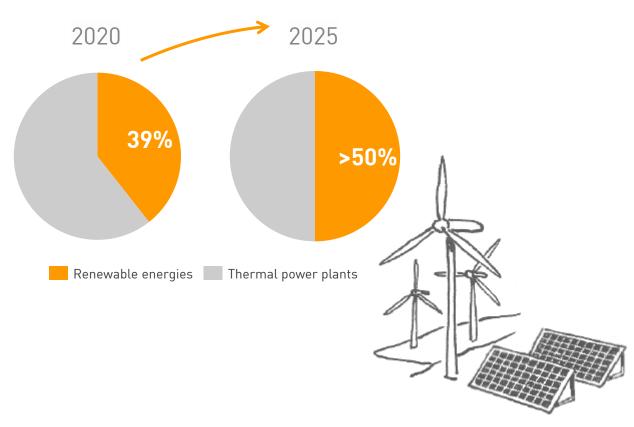
Climate neutrality by 2035 is key principle behind our strategic business activities



Reduction of CO₂ emissions to net zero¹



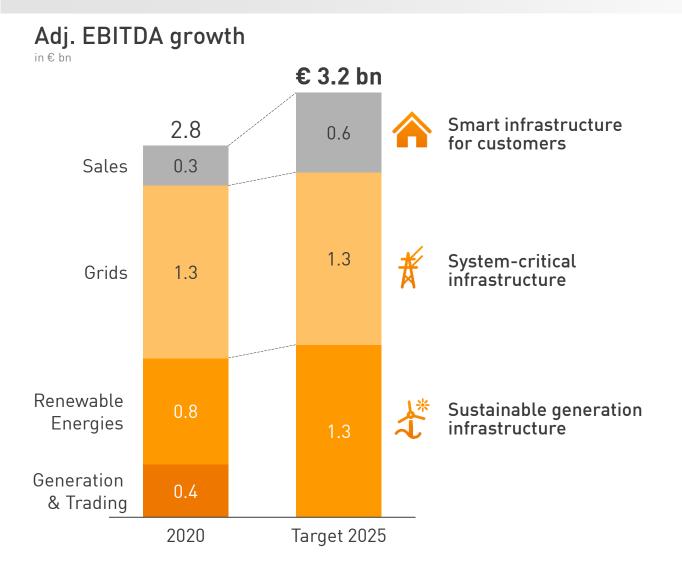
Expand renewable energies



¹ EnBW's climate neutrality target relates to own emissions (Scope 1 and 2). Target relates to CO₂eq (CO₂, CH₄, N₂O and SF₆). Base year 2018. Includes some offsetting of remaining residual emissions by purchase of recognised offsetting certificates.

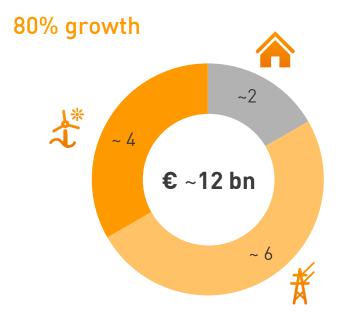
EnBW 2025 Strategy - Growth with focus on infrastructure





Investment volume 2021-2025

in € bn



KPI to manage financial profile

Debt repayment potential² >12%

² RCF / net debt; regularly reviewed in line with the requirements of the rating agencies to maintain a solid investment grade rating



Sustainable generation infrastructure

Expansion of renewable energies is major driver





of genration capacity

Targets 2025

Renewables

- > Share of generation capacity > 50%
- > Wind onshore and offshore 4 GW
- > Solar 1.2 GW



Coal exit 2035

> Lignite and hard coal 35% of generation capacity and 23% of generation volume (2020)

Nuclear exit 2022

> 10% of generation capacity (2020)

Reserve power plants

> 1.7 GW¹ until 2023

Fuel switch where possible

Stakeholder dialogue for several hard coal sites planned



Trading

> 2021 generation position fully hedged one year in advance

Strategic dimensions

- > Regional expansion into CWE and Nordics
- > Extension of product range e.g. LNG²
- > Two PPA³ over 15 years with Energiekontor in 2019 and 2021
- > Smart & digital trading strategies



Sustainable generation infrastructure

Renewable Energies are core of our energy transition strategy





Offshore wind

- 1 GW in operation
- 2.4 GW secured pipeline (He Dreiht & UK)
- Project development in UK, US & Taiwan



Onshore wind

- 1 GW in operation
- > 2.2 GW secured pipeline and under construction
- Project development in Germany, France & Sweden



Solar

- > 0.3 GW in operation
- > 0.8 GW secured pipeline and under construction
- Project development in Germany & France

Latest project news

Offshore wind UK

- > EnBW and bp awarded 3 GW in 2021
- Most attractive areas in the auction
- > Expected FID 2026/ start of COD 2028

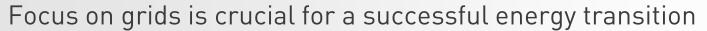


Solar Germany

- > 187 MW Weesow-Wilmersdorf connected to grid
- > 300 MW (2*150 MW) under construction in north-east Germany



System-critical infrastructure







Electricity distribution grids

Integration of renewables and e-mobility

Partnership approach of Netze BW

- > 116 municipalities indirectly own 9%
- > Next investment phase July 2021



Electricity transmission grids

Expansion of networks to transmit electricity generated in the windy north to southern Germany

- SuedLink 2 x 2 GW, > 600 km (TransnetBW, TenneT)
- > ULTRANET 2 GW, 340 km, 40 km under TransnetBW (TransnetBW, Amprion)



Gas grids

H₂- readiness expected by 2040

Transmission grids (10,000)

- Acquisition of Gas-Union Transport extension of gas grid (~550 km)²
- Planning of natural gas pipeline in South-Germany (~250 km) to meet rising demand²
- > EUGAL¹ completion in Q2 2021 (~480 km)³

Distribution grid (16,000) (Netze BW)

Project "H₂ island" already delivers climate-friendly supply



Smart infrastructure for customers

Sustainable engagement for our customers





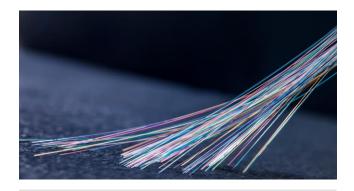
Electricity and gas

- Yello brand: Switch to sustainable product portfolio
- EnBW brand: Conclusion of green electricity contracts only for new B2C customers on enbw.com
- Among top 3 home electricity storage suppliers in Germany¹
- Acquisition of Gas-Union
- Digital business models and improvements in cost efficiency



E-mobility

- Market leader in quick-charging in Germany
 - > Currently 500 locations
 - > Target 2021: >1,000 locations
- No.1 e-mobility app (EnBW mobility+) in Germany with over 100,000 charging points



Broadband/Telecommunication

Fibre infrastructure combined with product and service portfolio

Plusnet (telecommunications provider)

- > >25,000 business customers
- > Network with 100 Gbit/s bandwith
- > PMI process completed

NetCom BW

- > ~65,600 customers (9,250 B2B)
- > ~16,600 km of fibre optic cable

Decisions and business activities driven by ESG responsibilities





Environmental



Reduction of CO₂ footprint



Responsible use of recources



Preservation of biodiversity



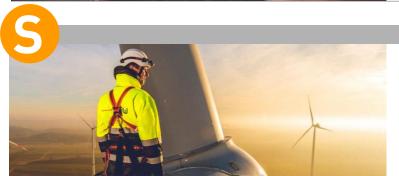
Water and soil protection



Energy efficiency



Emission control



Social



Responsibility for employees



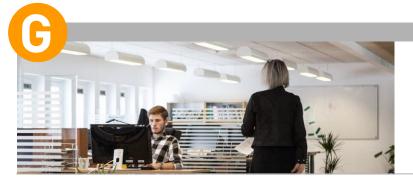
Coal phase out: No job losses

Fuel switch: Secure locations & jobs



Transparent coal procurement aligned with ESG standards

UN Guiding Principles on Business and Human Rights



Governance



ESG criteria integrated in investment approval process



Decisions guided by climate neutrality target 2035



Management Board remuneration including clawback

Topic for approval at the AGM 05/05/2021

Sustainable finance approach underpins EnBW's corporate strategy



Sustainable financing

€ 2bn Green bonds1

Financed projects contribute to achieving environmental KPIs

€1.5 bn sustainable syndicated credit line

Borrowing costs depend on target attainment on selected sustainability KPIs:

- > CO₂ intensity
- > Share of renewables capacity
- Grid supply reliability (SAIDI)

Environmental KPIs Targets 2025

Expand renewable energies

[2020: 4.9 GW / 39%]

- > Installed output 6.5 to 7.5 GW
- > Share of generation capacity > 50%



Climate protection

(2018: 553 g/kWh)

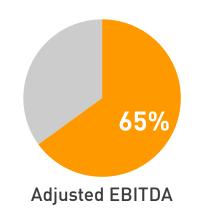
> Reduce CO₂ intensity by 15% to 30%²

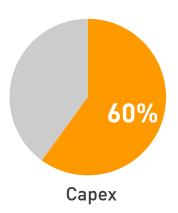
EU Taxonomy

First mover in disclosing taxonomy data

> Renewable energies³ and grids⁴ in first step

Environmentally sustainable business activities of EnBW Group Share in 2020





More information on our website: EU taxonomy | EnBW

¹ Already 28% of EnBW's total outstanding corporate bonds as of 9 February 2021; ² Reference year 2018;

³Renewable Energies: including onshore wind, offshore wind, solar/PV, hydropower plants; ⁴ Grids: Including electricity grids (distribution and transmission grids)

⁵ Share of environmentally sustainable Renewable Energies and Grids business activities (included in the analysis) in relation to all Group activities

Financing strategy follows credit investors' needs



- Solid investment grade ratings
- Financial profile managed by debt repayment potential
- Focus on sustainable financial instruments
- Successful management of longterm obligations with CF-based Asset Liability Management Model
- Stable government-related shareholder structure and dividend policy¹



Questions & Answers



Appendix







>	Generation	and	portfo	lic

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> Su	staina	ability	Ratings
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> Financial calendar 2021

> IR contact

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EnBW at a glance



€19,694 m

of which

Energies

Total revenue

€2,781.2 m

Adjusted EBITDA

€682.8 m

Adjusted Group net profit

€1,638.5 m

Retained cash flow

| Ba

144,000 km electricity grid

26,000 km gas grid

~5.5 m customers

24,655 employees

One of the largest German utilities

Fully integrated utility in Germany

Stable shareholder structure

Balanced risk-return profile

78% EBITDA contribution from regulated grid business and renewable energies

Active in selected foreign markets

Solid investment grade ratings

Business segments



Sales

Sales of electricity and gas, billing services

12,486 MW generation portfolio

4.865 MW or 39% Renewable

Installation and operation of critical infrastructure such as broadband, charging and urban infrastructure



Grids

Transmission and distribution of electricity, gas and water and the provision of grid-related services



Renewable Energies

Generation of electricity from renewable energies (water, wind and solar)



Generation & Trading

Generation of electricity from conventional power plants, generation of heating, storage of gas, electricity and gas trading and system services

¹ As of 31 December 2020

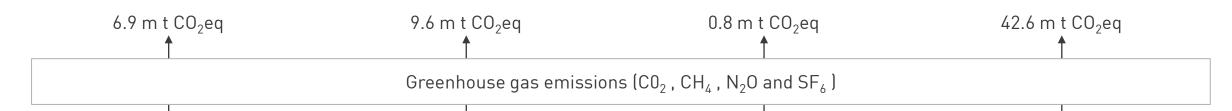
Generation and portfolio of the EnBW Group in 2020



	Generation portfolio As of 31/12/2020 in MW		Own generation in GWh	
	2020	share	2020	share
Renewable Energies	4,865	39%	11,850	21%
Run-of-river	1,007	8%	5,137	14%
Storage/pumped storage (using natural flow of water)	1,507	12%	944	3%
Wind onshore	951	8%	1,809	5%
Wind offshore	976	8%	3,441	9%
Other	424	3%	519	1%
Thermal power plants	7,621	61%	24,779	79%
Brown coal	875	7%	3,164	9%
Hard coal	3,467	28%	5,407	15%
Gas	1,165	9%	4,404	12%
Other	346	3%	170	1%
Pumped storage (not using natural flow of water)	545	4%	1,387	4%
Nuclear	1,223	10%	10,247	28%
Total	12,486	100%	36,629	100%

Carbon footprint





Scope 3 upstream

Other indirect greenhouse gas emissions

- Upstream gas sales (gas procurement)
- Procurement of fuel
- Business trips

Scope 1

Direct greenhouse gas emissions from sources belonging to or directly controlled by the company

- Electricity generation
- Heat generation
- Operation of gas pipelines and gas plants
- Operation of electricity grid
- Buildings
- Vehicles

Scope 2

Indirect greenhouse gas emissions originating during the production of purchased electricity, steam, district heating and cooling that the company consumes; grid losses

- Grid losses
- Operation of plants, electricity grid
- · Operation of plants, gas grid
- Operation of plants, water supply
- Buildings

Scope 3 downstream

Other indirect greenhouse gas emissions

Gas consumption by customers

Upstream emissions by third parties

Direct and indirect emissions at EnBW



Downstream emissions by third parties

EnBW and bp plan to build two offshore wind farms in UK



Awarded combined capacity of 3 GW

Most attractive areas in the auction:

Cost-effective grid access, favorable approval prospects, synergies in planning and above average wind conditions

Next Steps

2021

Habitats Regulations Assessment by TCE

> Establish project companies

2022

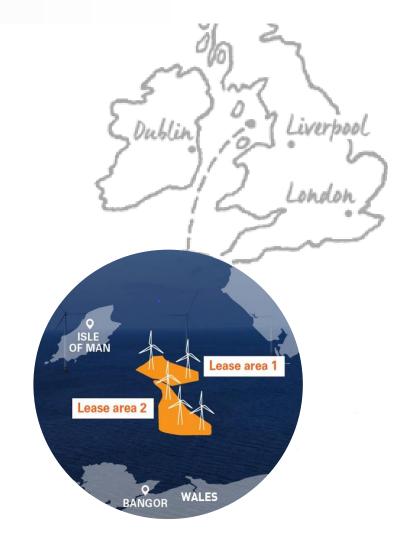
- Signing of Lease Agreement with TCE
- > Onsite environmental studies and project planning
- Application for DCO, lease contract with TCE (60 years)
- CfD auction for power off-take agreement (15-year term)

2026

Expected FID

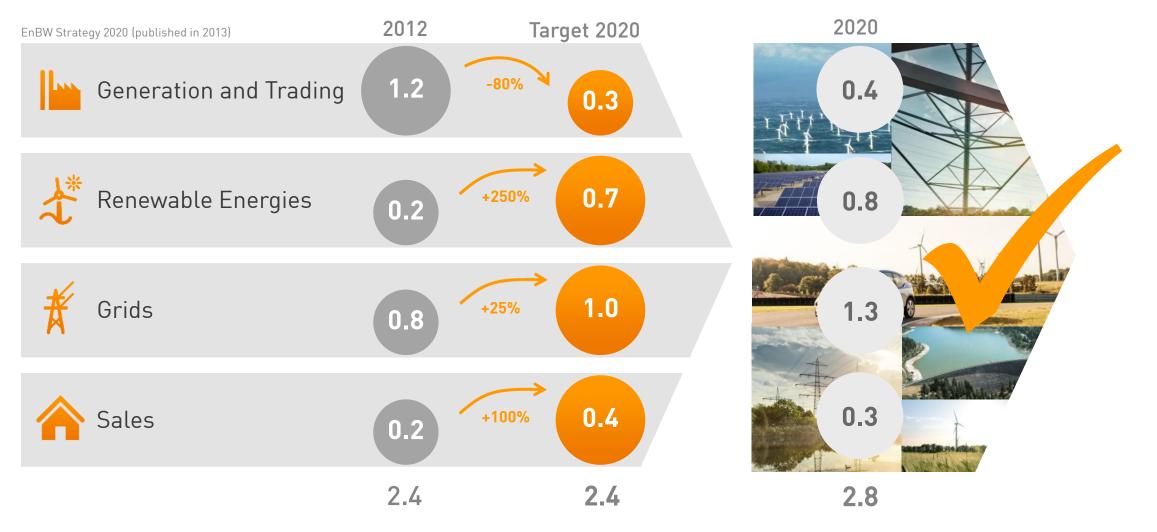
2028

> Expected start COD



EnBW 2020 Strategy completed – Adjusted EBITDA target overachieved



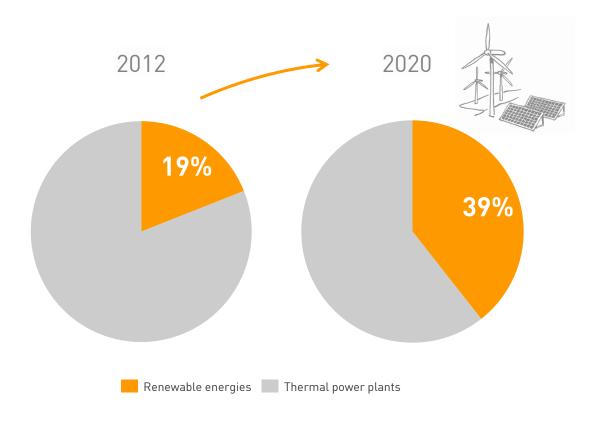


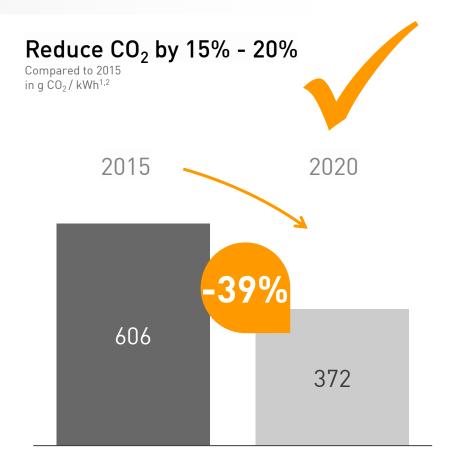
Environment targets 2020 - underlining our sustainability commitment



Expand renewable energies to > 40%

Share of renewable energy capacities





¹ Includes redispatching

² The CO₂ intensity KPI is calculated excluding nuclear power. Including nuclear power, CO₂ intensity for 2020 is 268 g/kWh (2019: 235 g/kWh).

Taking social responsibility in times of COVID-19



Social responsibility beyond energy supply

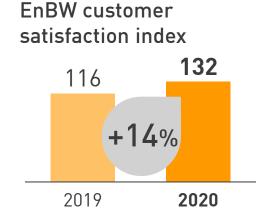
- Donation of face masks to medical facilities
- > No electricity and gas supply cut-offs
- > Donation of €300,000
- > 24/7 security of supply



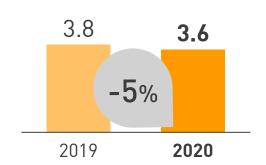
Protecting health of EnBW's employees

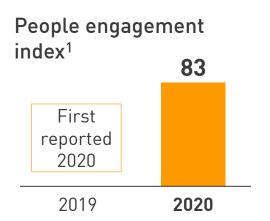
- EnBW Corona Taskforce
- > 10,000 working from home modern digital infrastructure
- > Strict safety measures for on-site teams
- > Virtual offers: e.g. meditation, sports and homeschooling chats





Occupational safety: LTIF





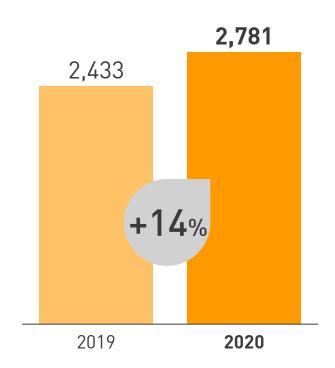
¹ KPI first reported for fiscal year 2020 and replaces employee commitment index. No comparative figure available for 2019 and no forecast for 2020. The employee commitment index target for 2020 was already overachieved in 2019.

Increase in adjusted EBITDA as expected – positive development in all segments

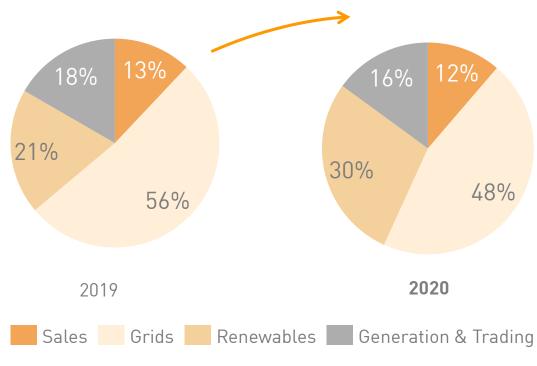


Adjusted EBITDA

in € m



Share of adjusted EBITDA by segments¹



Divergence from 100% due to others/consolidation

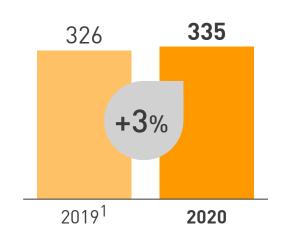


Earnings increase driven by the acquisition of Plusnet



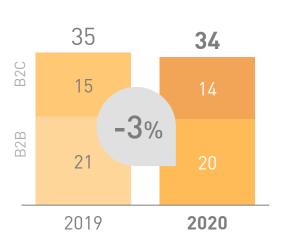
Adjusted EBITDA

in € m



Sales volume

Electricity in TWh





in TWh



- Plusnet contributing to earnings for full year for the first time
- Higher result relating to other periods due to adjustments in provisions
- Negative impact of COVID-19 on EnBW subsidiaries: Lower B2B sales and resale of contracted volumes at lower price levels



Grids Earnings on prior year level



Adjusted EBITDA

in € m



Transmission volume

Electricity

in TWh





in TWh



- Transmission grids: Higher revenue from use of gas and electricity
- Distribution grids: Decline in earnings due to lower volumes mainly COVID-19 driven

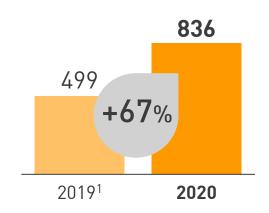


Renewable Energies Hohe See and Albatros significantly boost earnings



Adjusted EBITDA

in € m

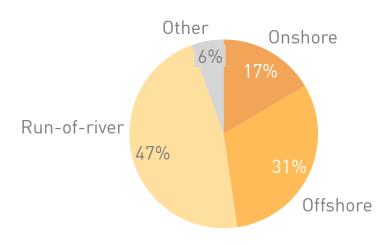


Generation volume

in TWh



Renewables generation mix



May not add up to 100% due to rounding

- Full year earnings contribution of offshore wind farms Hohe See and Albatros³
- Full year earnings contribution of Valeco
- Electricity volumes from hydropower plants sold at higher wholesale market prices
- Higher onshore wind yields

¹ Previous year's figures restated

² Figures are taken from the segments. Segment excludes generation from pump storage plants that is included in the Generation and Trading segment ³ COD of Hohe See in Q4 2019 and Albatros in Q1 2020

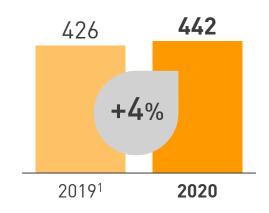


Generation and Trading Market environment fosters profitability



Adjusted EBITDA

in € m

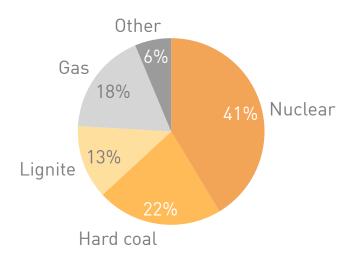


Generation volume

in TWh

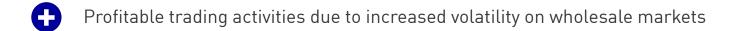


Conventional generation mix



May not add up to 100% due to rounding

Electricity sold at higher wholesale market prices



As expected KKP2 no longer contributing to earnings

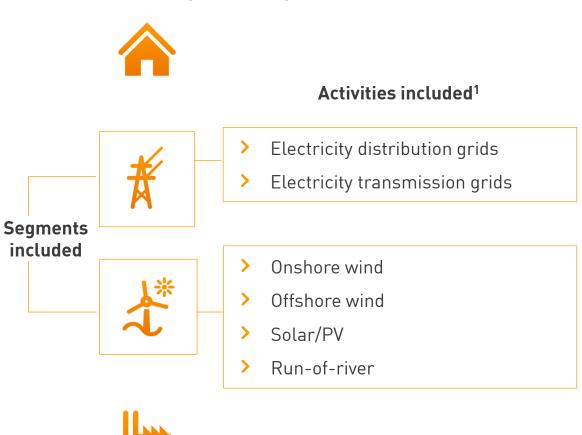
¹ Previous year's figures restated

² Figures are taken from the segments. Segment includes pump storage plants

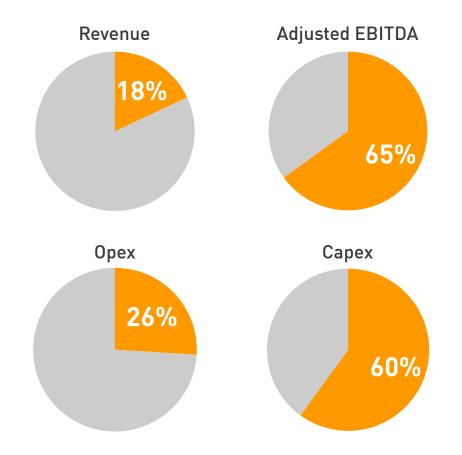
EnBW is pioneering on EU taxonomy – reporting share of environmentally sustainable business activities



Renewable energies and grids in first step

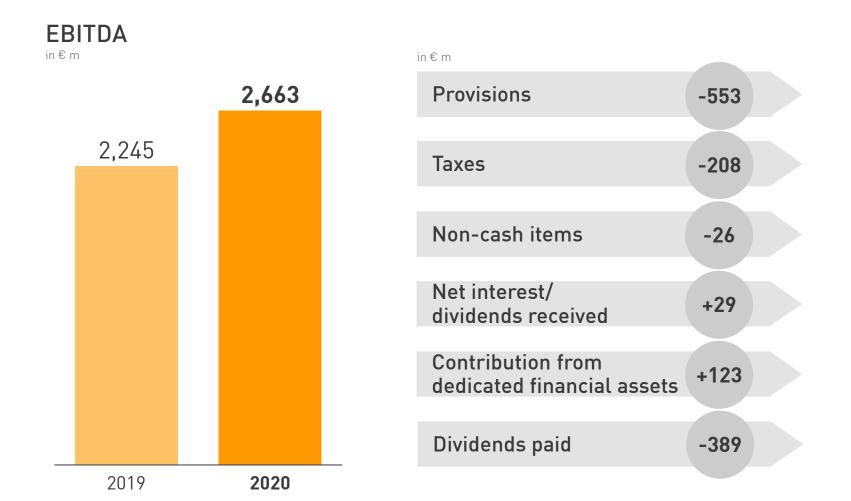


Share of environmentally sustainable business activities of EnBW Group in 2020



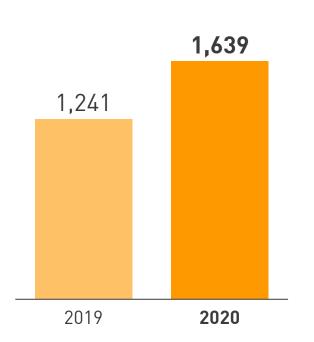
Retained cash flow increase mainly driven by the increased cash-relevant EBITDA and lower income taxes paid







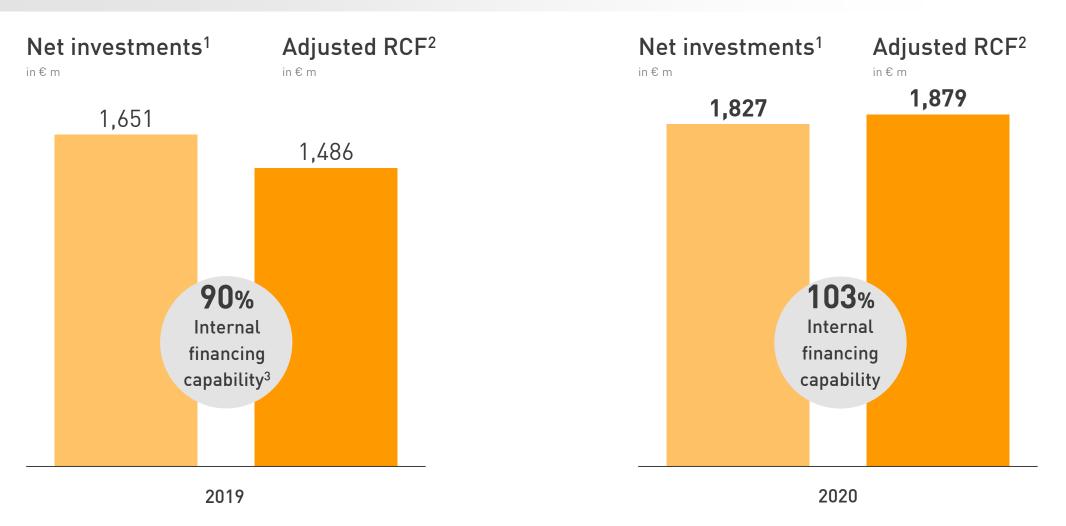
in € m



¹ Retained cash flow adjusted for the effects of the nuclear fuel tax refund of € 240.0 m (Previous year: €245.0 m).

Internal financing capability at more than 100%



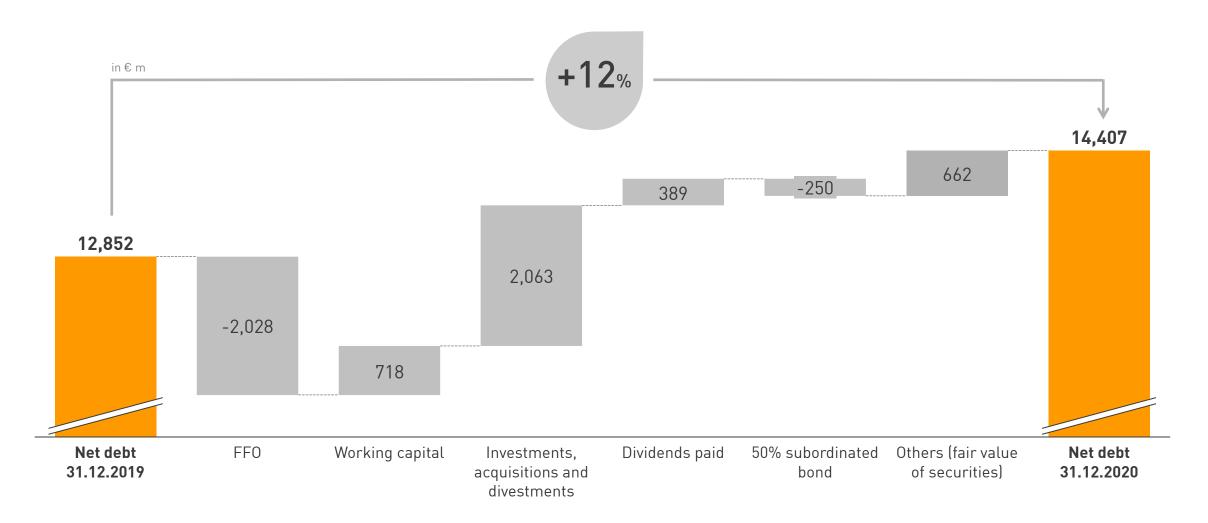


¹ Adjusted for early growth investments in the amount of € 0.0 million (previous year: € 830.6 million). ² Adjusted for the effects of the nuclear fuel tax refund of € 240.0 m (Previous year: €245.0 m). RCF: Retained cash flow

³ Previous year's figures restated

Increase in net debt mainly due to lower discount rate on pension provisions and extraordinary increase in EEG payments

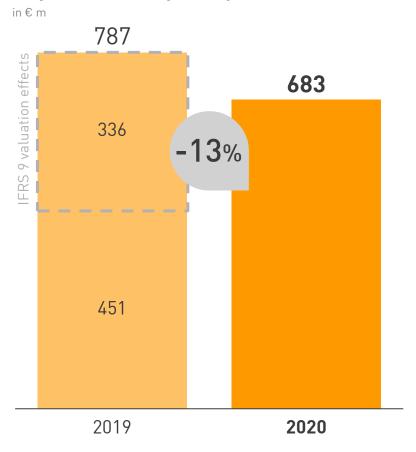


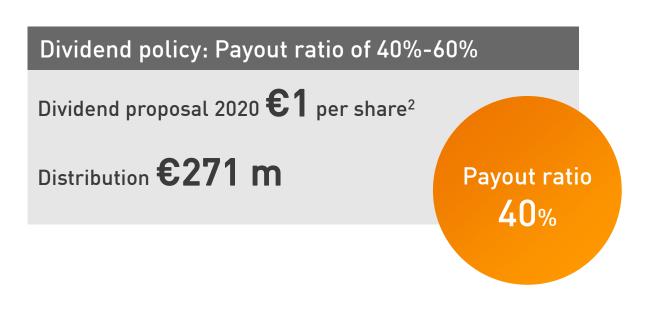


Increased dividend proposal remains at lower end of dividend policy range



Adjusted Group net profit1





¹ Profit attributable to the shareholders of EnBW AG

² Subject to the approval of the AGM

Outlook 2021 - Further increase in adjusted EBITDA expected



Outlook 2021 in € m

Group

Smart infrastructure for customers

335

Adj. EBITDA 2020

300 to 375

2,825 to **2,975**



System-critical infrastructure

1,347

Adj. EBITDA 2020

1,300 to 1,400



Sustainable generation infrastructure

1,278

Adj. EBITDA 2020

1,375 to 1,475

Non-operating result

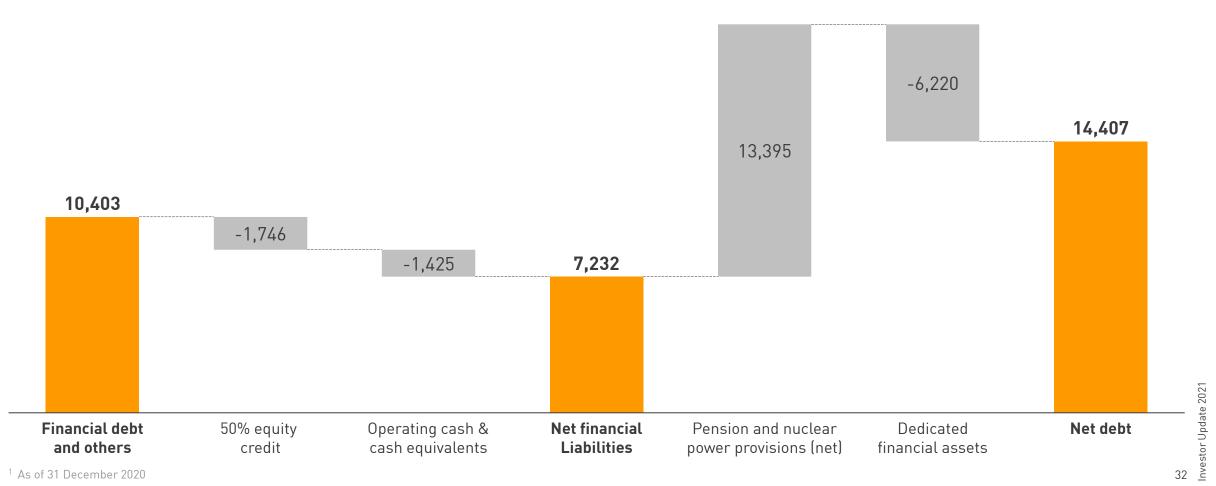


in € m	2020	2019	Variance in %
Income/expenses relating to nuclear power	43.7	-61.9	
Income from the reversal of other provisions	38.3	48.2	-20.5
Result from disposals	2.4	18.4	-87.0
Reversals of / additions to the provisions for onerous contracts relating to electricity procurement agreements	-56.8	-54.8	-3.7
Income from reversals of impairment losses	16.9	4.5	-
Restructuring	-53.9	-41.0	-31.5
Other non-operating result	-108.5	-100.7	-7.7
Non-operating EBITDA	-117.9	-187.3	37.0
Impairment losses	-170.9	-160.7	-6.3
Non-operating EBIT	-288.8	-348.0	17.0

Calculation of net debt1

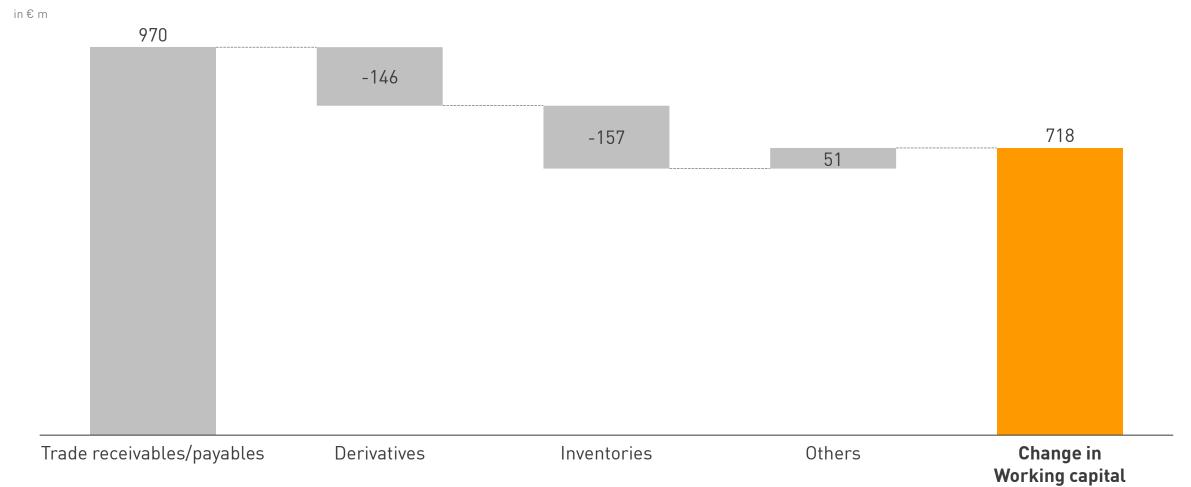






Working capital effects¹





Investor Update 2021

Income statement



in € m ¹	2020	2019	Variance in %
Revenue	19,694.3	19,435.6	1.3
Changes in inventories/other own work capitalized	245.1	166.4	47.3
Cost of materials	-14,347.5	-15,511.7	-7.5
Personnel expenses	-2,178.7	-2,007.0	8.6
Other operating income/expenses	-749.9	161.9	_
EBITDA	2,663.3	2,245.2	18.6
Amortisation and depreciation	-1,560.6	-1,648.5	-5.3
EBIT	1,102.7	596.7	84.8
Investment and financial result	-100.1	305.5	_
EBT	1,002.6	902.2	11.1
Income tax	-195.0	2.1	
Group net profit	807.6	904.3	-10.7
of which profit shares attributable to non-controlling interests	(211.5)	(170.1)	[24.3]
of which profit shares attributable to the shareholders of EnBW AG	(596.1)	[734.2]	(-18.8)

Investor Update

Cash flow statement



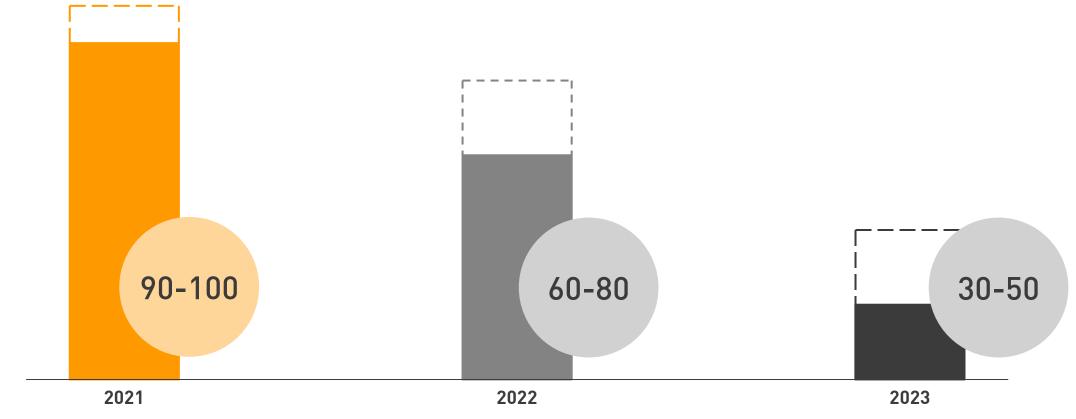
in € m	2020	2019	Variance in %
IN € IN			
EBITDA	2,663.3	2,245.2	18.6
Changes in provisions	-553.3	-416.0	33.0
Non-cash-relevant income/expenses	-26.1	46.3	-
Income tax paid	-207.8	-409.1	-49.2
Interest and dividends received	264.5	286.5	-7.7
Interest paid for financing activities	-236.1	-214.9	9.9
Contribution of dedicated financial assets	123.1	19.2	-
Funds from Operations (FFO)	2,027.6	1,557.2	30.2
Dividends payed	-389.1	-316.5	22.9
Retained Cashflow	1,638.5	1,240.7	32.1

Hedge levels¹

¹ As of 31 December 2020

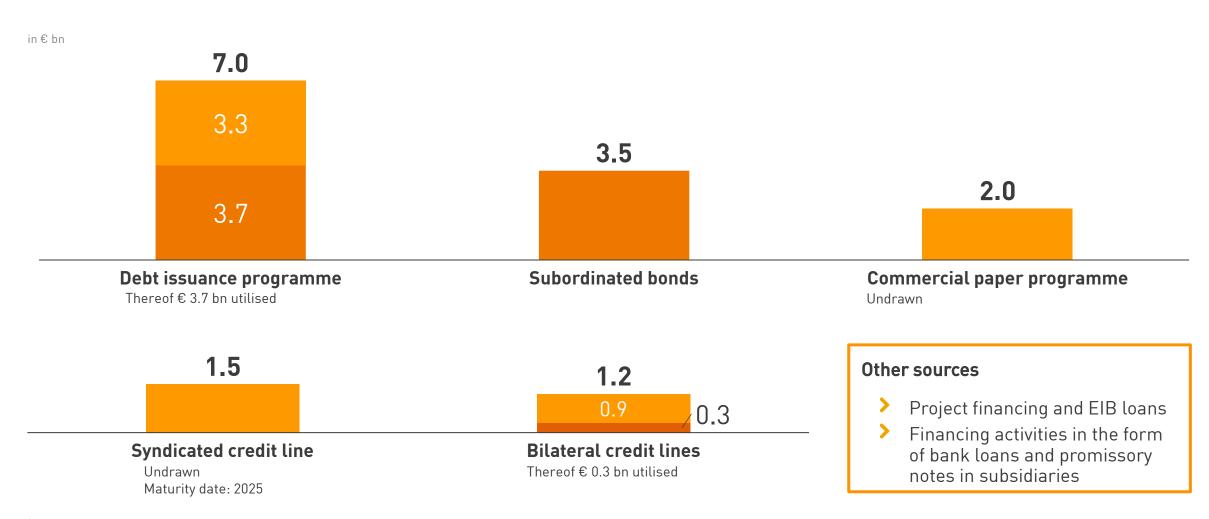






EnBW has flexible access to various financing sources 1,2





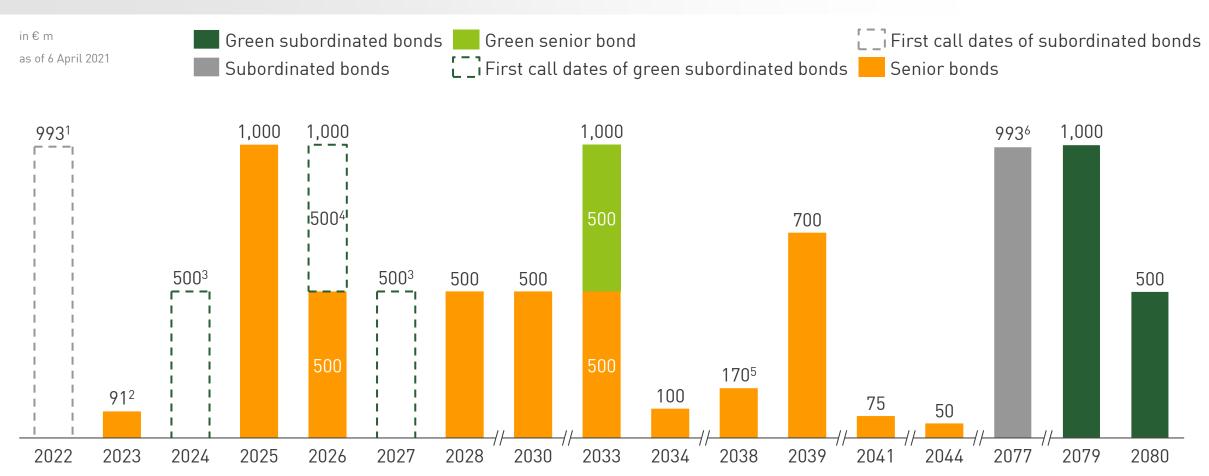
¹ As of 31 December 2020 ² Rounded figures

nvestor Update 2021

³⁷

Maturities of EnBW's bonds





¹ First call date: subordinated maturing in 2077; includes USD 300 million (swap in €), coupon before swap 5.125%

²CHF 100 million, converted as of the reporting date of 1.3.2021

³ First call date: green subordinated maturing in 2079

⁴ First call date: green subordinated maturing in 2080

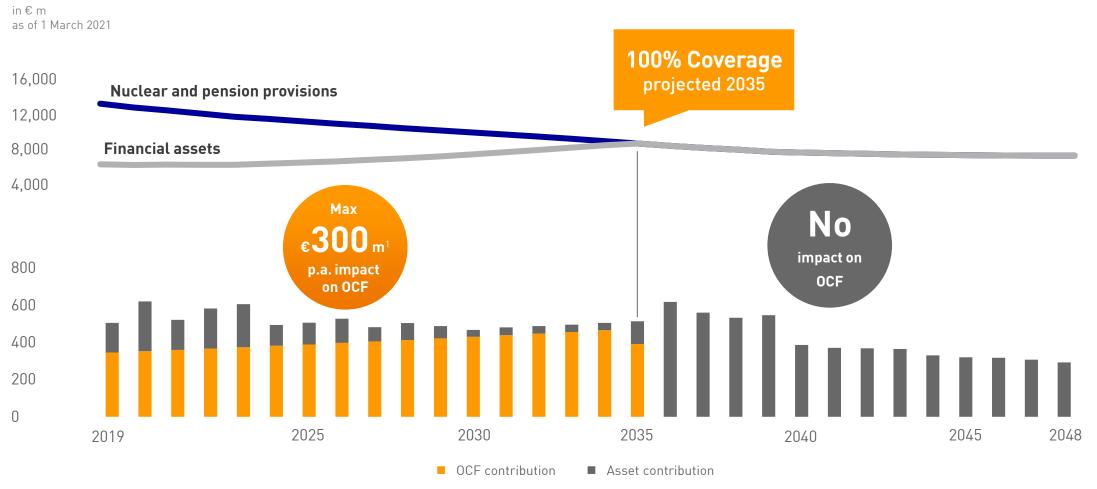
⁵ JPY 20 billion (swap in €), coupon before swap 5.460%

⁶ Includes USD 300 million, converted as of 5.10.2016

Asset Liability Management Model Management of financing needs for pension and nuclear obligations



EnBW's cash flow-based model



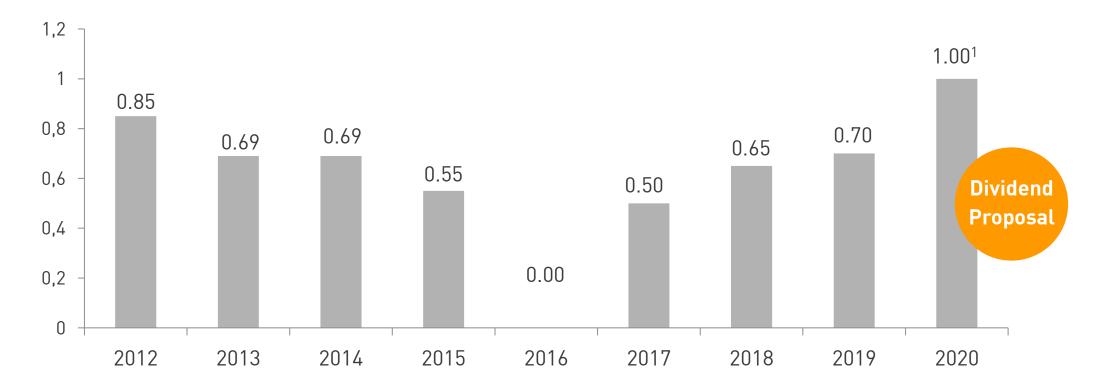
¹ Adjusted for inflation

Appropriate dividend payment for EnBW's shareholders



Dividend

in €



Equity capital market: Shareholder structure

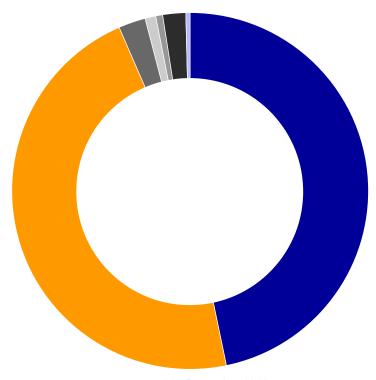


Shareholder structure¹

■ OEW Energie-Beteiligungs GmbH	46.75%
■ NECKARPRI-Beteiligungsgesellschaft mbH²	46.75%
■ Badische Energieaktionaers-Vereinigung	2.45%
Gemeindeelektrizitaetsverband Schwarzwald-Donau	0.97%
Neckar-Elektrizitaetsverband	0.63%
EnBW Energie Baden-Wuerttemberg AG	2.08%
Other shareholders	0.39%

Stock exchange information

ISIN/security ident. no.	DE0005220008/ 522000
Stock exchange abbreviation	Bloomberg EBK GY/reutersEBK/EBKG.DE
Transparency level	General Standard
Indices	General All Share, DAXsector All Utilities, CDAX
Number of shares	276,604,704
Class of share	Ordinary no-par value bearer shares
Stock markets	Regulated market: Frankfurt and Stuttgart Over-the-counter trading: Berlin and Munich



as of 31 December 2020

¹ Divergence from 100 % possible due to rounding effects ² 100% subsidiary of NECKARPRI GmbH which is a 100% subsidiary of the federal state of Baden-Wuerttemberg

Fixed income: Credit ratings





A3 / negative

- > Leadership position as vertically integrated utility within Baden-Württemberg
- Significant proportion of EBITDA, around 50%, from low-risk regulated distribution and transmission activities and growing share of renewables under contracts
- Historically balanced financial policy and demonstrated commitment to robust credit quality
- > Difficult operating environment in Germany for conventional generation and challenging retail markets
- > Execution risks relating to a large investment programme, including offshore wind development
- Somewhat weak credit metrics following VALECO and Plusnet acquisitions, increasing pension and nuclear liabilities because of lower discount rates
- > Strong shareholder support



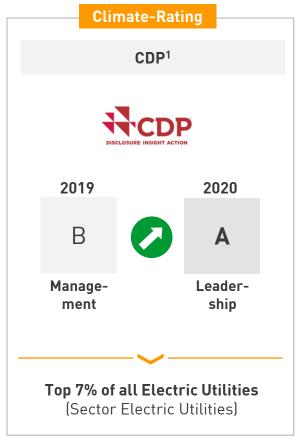
A-/stable21 May 2020

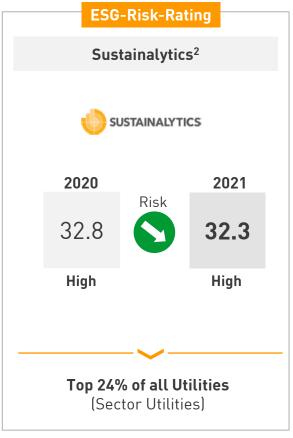
- > EnBW is strategically lowering its earnings portfolio risk, with improved cash flow visibility
- > Limited exposure to COVID-19 effects
- Headroom reduced significantly due to an increase in nuclear and pension provisions and the acquisitions of VALECO and Plusnet
- New sources of EBITDA (contracted renewables and regulated network business) will compensate for higher financial leverage caused by acquisitions in 2019
- Increased visibility in credit metrics, strengthened by increasing share of sustainable power infrastructure and resilient grid business
- > Moderate likelihood of government support

¹ A-: Senior unsecured rating ² BBB+: Long-term issuer rating

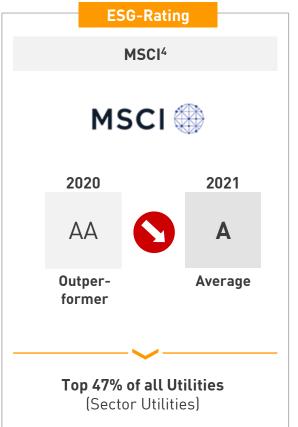
Major sustainability ratings











¹ CDP Scale: A bis D (Leadership A/A-; Management B/B-; Awareness C/C-; Disclosure D/D-; Failure F)

² Sustainalytics Scale: 0-100 (Risk Score: neglible (0-10); low (10-20); medium (20-30); high (30-40); severe (40+))

³ ISS ESG Scale: A+ bis D- (Absoluter Best-in-Class Ansatz; Auszeichnung: Prime Status)

⁴ MSCI Scale: AAA bis CCC (Leader AAA – AA; Average A – BB, Laggard B – CCC

Financial calendar



5 May 2021

Annual General Meeting 2021

10 May 2021

Publication figures Q1 2021 Conference time Investor and Analyst Conference Call: 01:00 pm

29 July 2021

Publication figures Q2 2021 Conference time Investor and Analyst Conference Call: 01:00 pm

12 November 2021

Publication figures Q3 2021 Conference time Investor and Analyst Conference Call: 01:00 pm



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