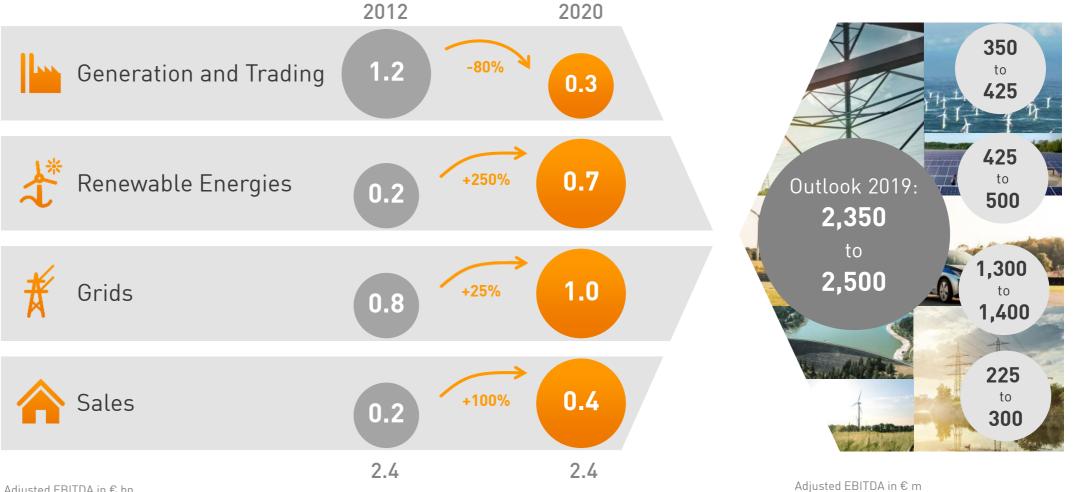








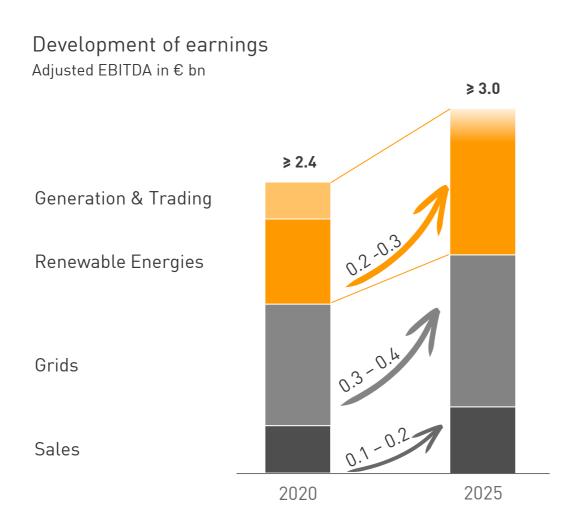
Portfolio transformation successful adjusted EBITDA target likely to be met in 2019 already





Transformation phase 2013 - 2020 followed by growth phase 2021 - 2025





1 Sustainable power infrastructure, i.a.

- > Expansion of renewable energies (e.g. onshore and offshore wind to ≥ 3,500 MW, portfolio development of large photovoltaic projects)
- > Selective international business activities
- > Active design of decarbonisation

2 System-critical infrastructure, i.a.

- Profitable growth in the distribution grid (e.g. grid integration of e-mobility and decentralised energy generation)
- > Significant expansion of electricity transmission grid
- > Growth of network-related services (grid)

3 Smart infrastructure for customers, i.a.

- > Reorganisation and digitisation of B2C sales as well as transformation to customer infrastructure business
- Expansion of the solution portfolio
 (e.g. e-mobility, photovoltaic / battery and heat)
- > New infrastructure-related business areas beyond energy (e.g. urban infrastructure and public security)



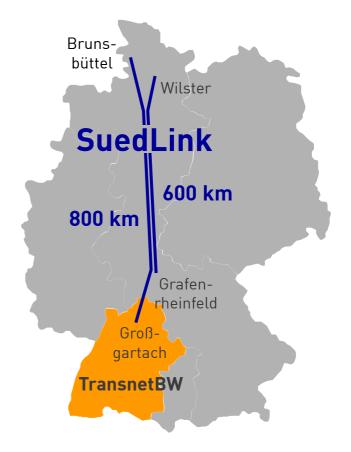
SuedLink is the largest infrastructure project of the Energiewende





Main investments expected to start in 2020 €10 bn total 2025 Expected date of commissioning invest Rated output: 2 x 2 GW high voltage direct current transmission

Voltage level: Planned ±320 kV DC





Competitive edge in sales mainly based on smart infrastructure solutions





E-mobility

- EnBW as full service provider: expansion of electricity supply and charging infrastructure
- Cooperations to extend fast-charging infrastructure
- EnBW mobility+ App tripling charging points from 8,000 to 22.000 in 2018
- SAFE project together with 77 municipalities, utilities and communities to extend charging infrastructure in Baden-Wuerttemberg

Contracting

- Optimised offer process, customer proximity and response times
- E.g. energy interconnections between industrial companies and local authorities
- Cogeneration and utilisation of waste heat leading to lower carbon emissions and energy cost





Broadband

- Supporting communities in planning and setting up infrastructure
- Focus on cost efficiency, high implementation speed and customer satisfaction
- E.g. RBS wave (subsidiary of NetCom) as general project planner for optical-fibre network



EnBW solar+

- Solar system to produce and store electricity
- Cooperation with SENEC (acquired in 2018): EnBW now full-range provider of smart home energy solutions
- SENEC sold 20,000 systems to make them one of the Top German providers





EnBW intends to become a multinational specialist for offshore wind power

2019: Hohe See: 497 MW

2019: Albatros: 112 MW

2025: He Dreiht: ~900 MW



Hohe See & Albatros

- > €2.2 bn total invest
- Construction on track: operation to start in Q4 2019 as expected
- Budget on track: partner Enbridge Inc. with 49.9%
- Both wind farms to make major contribution in achieving 2020 targets
- Offshore wind remains significant pillar of EnBW's strategy even after 2020

EnBW goes international

2015: Baltic 2: 288 MW

- Development of new markets in Europe
- Market entry into selective global markets with focus on offshore wind project development
- Establishment of local offices with local employment
- Local market, project & supply2011: Baltic 1: 48.3 MW
 - Long-term presence in perspective markets

U.S.





Further expansion of onshore portfolio and development of solar portfolio as third pillar

----EnBW

Onshore wind:

~718 MW in operation; target of doubling onshore and offshore capacity to over 3.5 GW by 2025



Photovoltaics:

Development of a portfolio of large projects

- > 200 MW by 2020
- > 600-800 MW by 2025

Sweden

Acquisition of 7 onshore wind farms with **105 MW** in 2018



Brandenburg (Germany)

Building of **largest** solar project in Germany with **175 MW** and first project **without EEG funding** (FID in 2019)

France

EnBW selected as exclusive bidder for the acquisition of **Valeco** Group in March 2019

- 276 MW wind onshore and 56 MW photovoltaics
- Project pipeline of 1,700 MW





Wide range of activities offsetting declining physical generation portfolio



Generation portfolio



Low-carbon generation

- > EnBW's generation fleet getting smaller
- > 1,706 MW CO₂ intensive installed capacity already transferred to grid reserve



Fuel switch

- Energiewende also in the heat sector
- E.g. combined heat and power plant in Stuttgart-Gaisburg with 30 MW electrical and 205 MW thermal capacity



Nuclear phase out

- > 2019: Philippsburg 2
- > 2022: Neckarwestheim II

Management of EnBW's outright position

First long-term power purchase agreement

- > PPA for subsidy-free 85 MW solar park with Energiekontor in 2019
- > Fixed price/15 years





EnBW gas trading also active in international LNG business

- > Expansion of trading business in cooperation with VNG
- Acquisition of 2 ship cargoes (each 1 TWh)

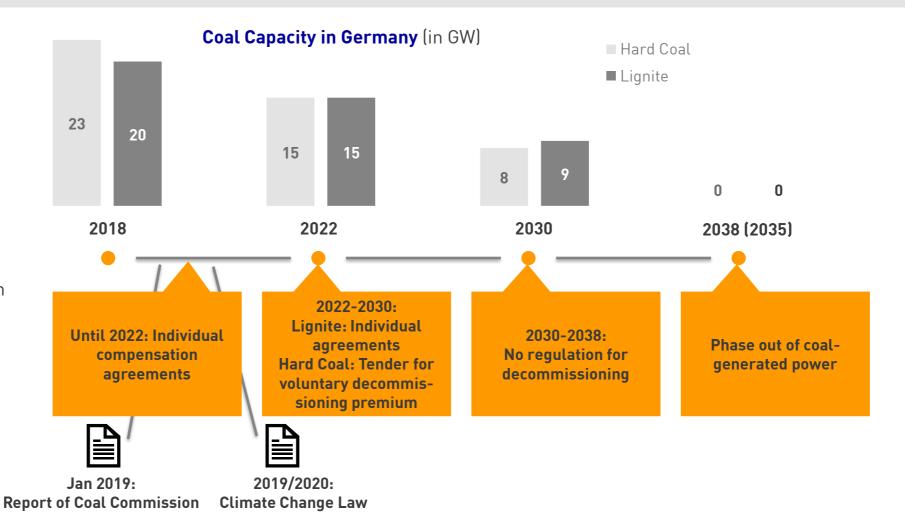


No immediate effect by suggestions of coal commission due to EnBW's fleet structure



Implications on EnBW

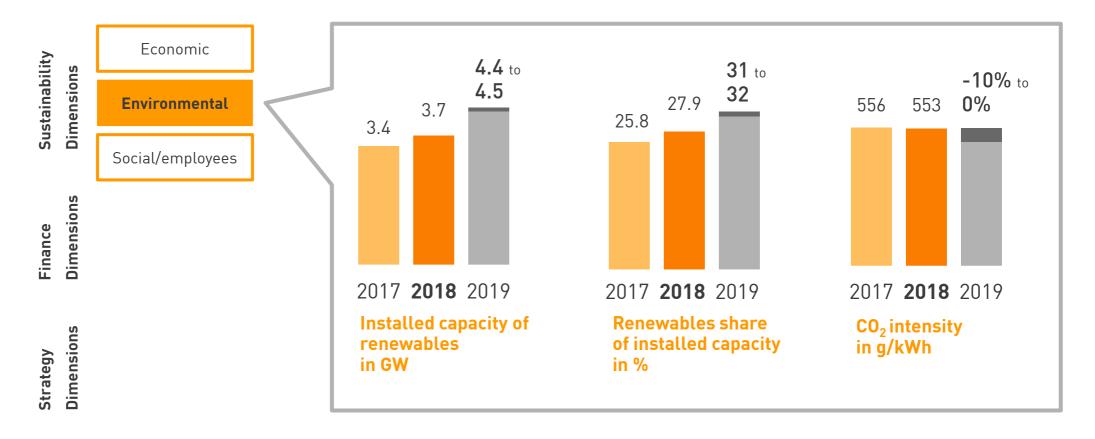
- Moderate wholesale price effect expected (2-3 €/MWh in 2030)
- No short/medium-term effect on EnBW plants due to system relevance or high efficiency
- Potential fuel switch subsidy to build highly efficient district heating plants





Sustainable business model reflected in EnBW's key performance indicators







Financing follows strategy - corporate financing based on sustainable products



Issuance of inaugural **Green Bond** on 31 Oct 2018

- > €500 m issue size
- > 15 years maturity
- > 1.875% coupon



- > Transformation towards 70% low-risk earnings in 2020
- > Renewables and smart infrastructure as core element of strategy
- > Integral **sustainability** in business model

> Use of proceeds¹: Asset categories



Renewable energy: 98% Portfolio share

Wind: 93% Portfolio share

Solar: 5% Portfolio share

Clean transportation: 2% Portfolio share



Infrastructure investments add well to EnBW's business model

—— EnBW

€1.8 bn investment

2018

Grids, almost €1 bn

> Expansion of electricity grids

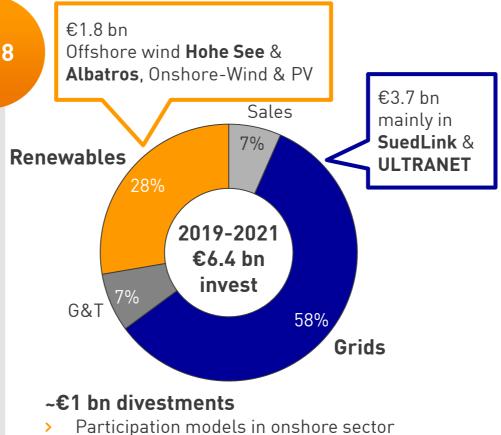
- Construction of the EUGAL gas pipeline
- Electromobility and smart grids

Renewables, almost €500 m

Onshore wind farms in Germany and Sweden

~€0.5 bn divestments

Primarily sale of VNG Norge (E&P business)



Disposal of the remaining minority share in EWE

€12 bn investment

2021-2025

- > ~35% Sustainable power infrastructure
- ~50% System-critical infrastructure
- ~15% Smart infrastructure for customers

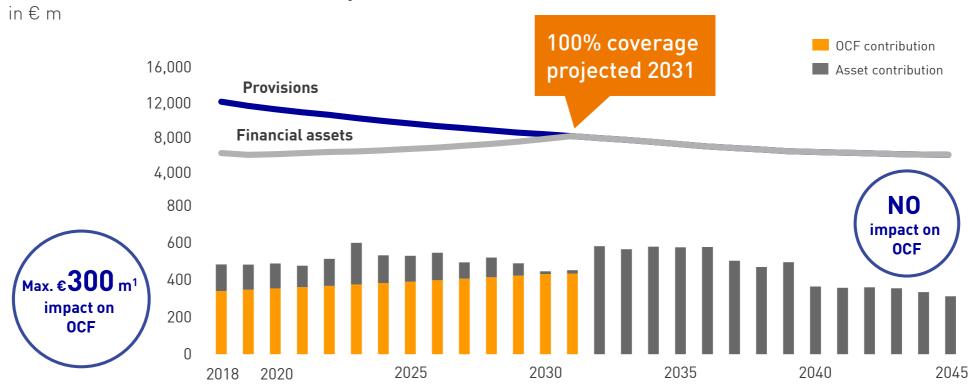
Undate April 201



Internal financing capability and ALM model express EnBW's high financial discipline



EnBW's CF-based Asset Liability Model



¹ Adjusted for inflation



Diversified and sustainable low-risk business profile



Securing profitability

Until 2020 portfolio transformation towards high share of low-risk business

2021 - 2025 growth phase diversification into new markets

Adj. EBITDA target 2020 ≥ €2.4 bn

Adj. EBITDA target 2025 > €3.0 bn

High level of financial discipline

Internal financing capability until 2020
Retained cash flow > net investments

Debt repayment potential 2021-2025

Retained cash flow / net debt of at least 16%

High attention on investors

Access to debt capital markets
Solid investment grade
ratings

Sustainable dividend level

Payout ratio of 40% to 60% (medium-term target)

Focus on sustainability

Transforming generation portfolio

Expansion of renewables and zero-carbon electricity generation

Funding strategy

Based on sustainable finance products





Appendix

>	EnBW at a glance	page 17
>	Political & regulatory environment	page 18
>	German electricity market	page 20
>	German gas market	page 24
>	Figures FY 2018	page 27
>	Generation portfolio	page 34
>	Sustainability	page 35
>	Financial profile	page 39
>	Rating	page 41
>	Dividend	page 42
>	Shareholder structure	page 43
>	Calendar 2019	page 44
>	IR contact	page 45
>	Disclaimer	page 46



EnBW at a glance¹



One of the largest German utilities

- > 5.5 m customers
- > 13 GW generation portfolio
- > Stable shareholder structure
- > 21,775 employees
- > Strong roots in Baden-Wuerttemberg

Balanced risk-return profile

- Focus on renewables and grids
- > ~68% EBITDA contribution from low-risk business
- > Solid investment grade ratings
- > Active in selected foreign markets

Key financial figures

- > Revenue: €20.6 bn
- > Adj. EBITDA: €2.2 bn
- > Group net profit: €334 m

Fully integrated utility in Germany

Ų	Electricity	Generation	Trading/procurement Transmission/ Sales
<u>^</u>	Gas	Import contracts/ infrastructure	Storage Trading/portfolio Transport/distribution Sales

Four business segments



Sales



Grids



Renewable Energies



Generation & Trading

¹ As of 31 December 2018



Political & regulatory environment: Overview



Paris Climate Agreement: Hold the increase in global average temperature to well below 2°C above pre-industrial levels and pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels

EU 2020 goals

-20% GHG emissions

20% RE in final energy consumption

20% Energy savings

EU 2030 goals

-40.0% GHG emissions

32.0% RE in final energy consumption

32.5% Energy savings

German Climate & Energy Policy Goals

-40% GHG emissions by 2020

-20% primary energy consumption by 2020

Nuclear phase-out

- Goal Last NPP to shut down by end of 2022
- Responsibility for financing of phase-out split between operators and government
- State-owned fund established in mid 2017
- Operators have partly transferred nuclear provisions and related liabilities to state

Renewables

2025: 40–45% RE 2035: 55–60% RE in electricity production

- RE share goal to be increased to 65% by 2030 in current legislative period
- Additional tenders for onshore wind (4GW) and PV (4GW) between 2019-2021
- Debate on tariff system and costs of power ongoing.
- Debate on increasing acceptability of RES expansion ongoing

Coal phase-out

- Goal Coal phase-out commission recommends phase-out by 2038 (check in 2032 if phase-out by 2035 possible)
- Various intermediate steps proposed:
- By 2022: decommissioning of 3GW lignite + 4GW hard coal
- By 2030: decommissioning of further 6GW lignite + 7GW hard coal
- Compensations for operators envisaged
- Financial support for gas-tocoal fuel switch

Electricity grid expansion

- Goal Remove bottleneck in energy transition
 - (i.e. slowing grid expansion)
- Underground cabling given priority over overhead powerlines
- System of grid charges to be amended in next legislative period

Undate Anril 2019



Political & regulatory environment: Market development





Generation and trading



Power and gas grids



- Sustained trend towards renewable energies¹:
 - > 120 GW by 2020
 - > 160 GW by 2030
- Time of profitable operation of conventional power plants in steady decline
- Increasing power generation from gas power plants due to coal-to-gas fuel switching
- Increasing volatility of prices and volumes

- Volatile electricity generation detrimental to grid stability
- Transmission grid expansion accelerated by raising the renewable energy target to 65% by 2030
- Further investment needed for expansion of power distribution grids, e.g. due to the increase in e-mobility
- Conventional power stations increasingly in back-up role
- Accelerating expansion of smart grids
- Moderate expansion of gas grids

- Downturn in demand for electricity and gas due to energy efficiency and rise in demand from electric vehicles and residential heating sector¹ in the future.
- > Renewables for the most part in the hands of non-PSCs²
- Consumer playing an increasingly active role with PV and battery systems and electromobility³
- Landlord-to-tenant electricity supply still uneconomic (inhibited by EEG levy)
- > Number of energy co-operatives has increased sixfold since 2008 from ~150 to 970.
- Rising importance of developing new (digital) business models
- > **Technological developments**: More diversity, modularity and granularity in the energy system
- > New market participants: More competition and fragmentation of the value chain
- > Regulatory framework conditions: Undergoing constant change, rising complexity



Business models of large utilities are changing; accelerating development of renewable energies and grids as well as new services for customers

¹ Depending on regulatory policies

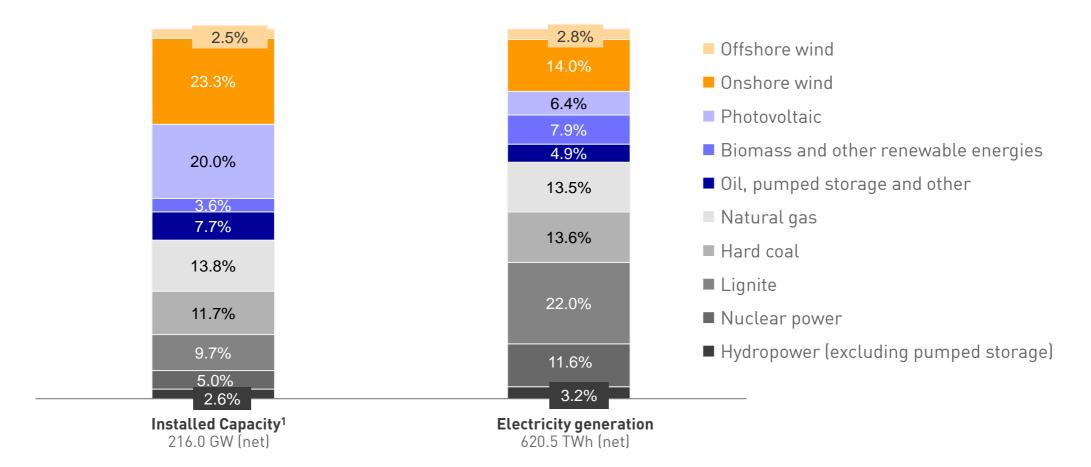
² Power supply companies

³ Rising new registrations compared to previous years



German electricity market: Installed capacity and electricity generation 2017¹





Source: BDEW, April 2018 ¹ As of 31 December 2017

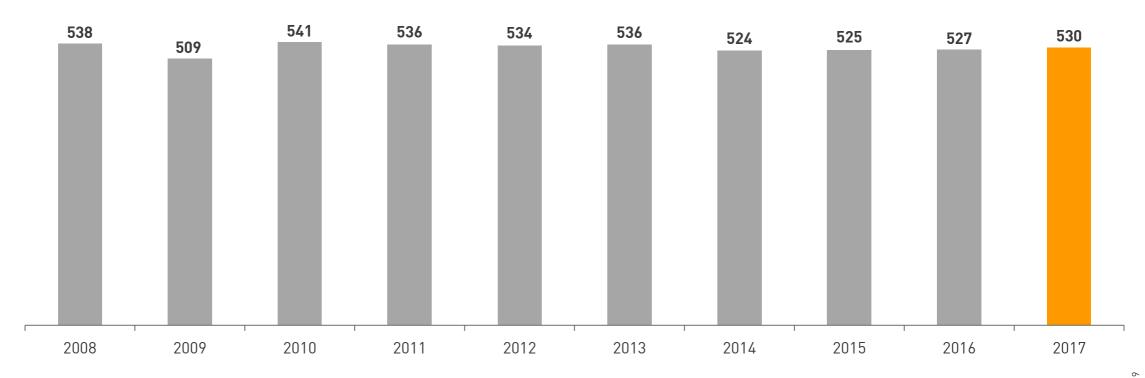


German electricity market: Electricity consumption

--EnBW

Electricity consumption in Germany

in TWh





Net electricity consumption stable in the past few years; reduction due to efficiency is compensated by changes in consumption habits and economic growth



German electricity market: Wholesale forward price

---EnBW

Forward price for baseload electricity in Germany





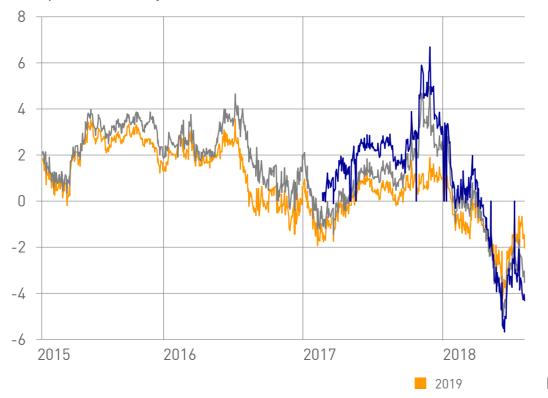
German electricity market: CSS at low levels and negative prices for CDS



Clean-dark-spread base

in €/MWh

Gross margin of a coal-fired power plant (plant efficiency: 36%)



Clean-spark-spread peak

in €/MWh

Gross margin of a gas-fired power plant (plant efficiency: 50%)



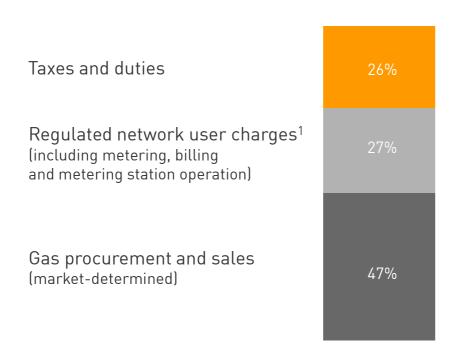
Clean-spark-spread represents the net revenue a generator makes from selling power, having bought gas and the required number of carbon allowances. Clean-dark-spread is the corresponding indicator for coal-fired generation of electricity.



German gas market: Gas price



Gas price

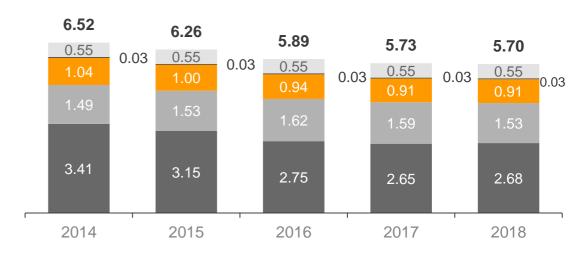


Single-familiy home

Single-family home, gas central heating

including hot water, customer on contract with regional default supplier² (annual consumption 20,000 kWh)

Cents/kWh



- Taxes, fees and cost allocation
- Network user charges, including metering, billing and metering station operation
- Procurement and sales
- Franchise fees

¹ Average net network user charge including charges for metering, metering station operation and billing, subject to large regional variation, source: BDEW, as of 01/2018

² Most heating gas customers are customers on contract with the regional default supplier, with reduced concession fee (0.03 ct/kWh), source: BDEW, 01/2018



German gas market: Front month price development

— EnBW

Front month reference prices¹

in €/MWh





German gas market: Spot price development

Spotmarket reference prices¹

in €/MWh

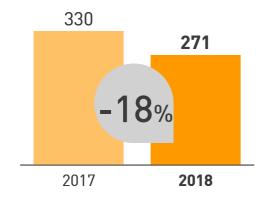






Adjusted EBITDA

in € m



Sales volume Electricity

in TWh



Gas

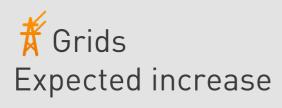
in TWh





Planned elimination of positive out-of-period effects, i.a. the reversal of provisions for issues that have since lapsed

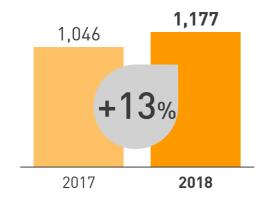




---EnBW

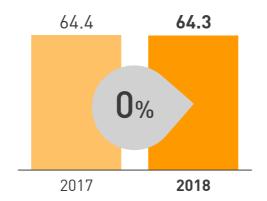
Adjusted EBITDA

in € m



Transmission volume Electricity Gas

in TWh



in TWh



- Full consolidation of VNG
- Higher revenues from the electricity grid user charges



Adjusted EBITDA

in € m



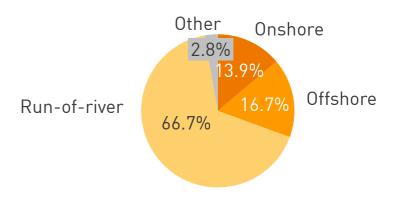
Generation volume

in TWh¹



Renewables generation mix

in TWh¹



- Improved generation output, due to new onshore wind farms commissioned since mid-2017 (+178 MW)
- Reduced earnings from run-of-river power plants due to low water levels
- Lower wind yields compared to previous year, notably at offshore wind farms



Generation and Trading Improved operating performance

--EnBW

Adjusted EBITDA

in € m



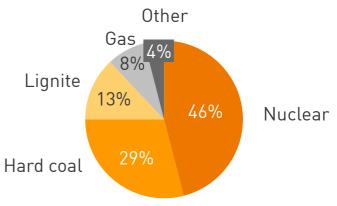
Generation volume

in TWh¹



Conventional generation mix

in TWh¹



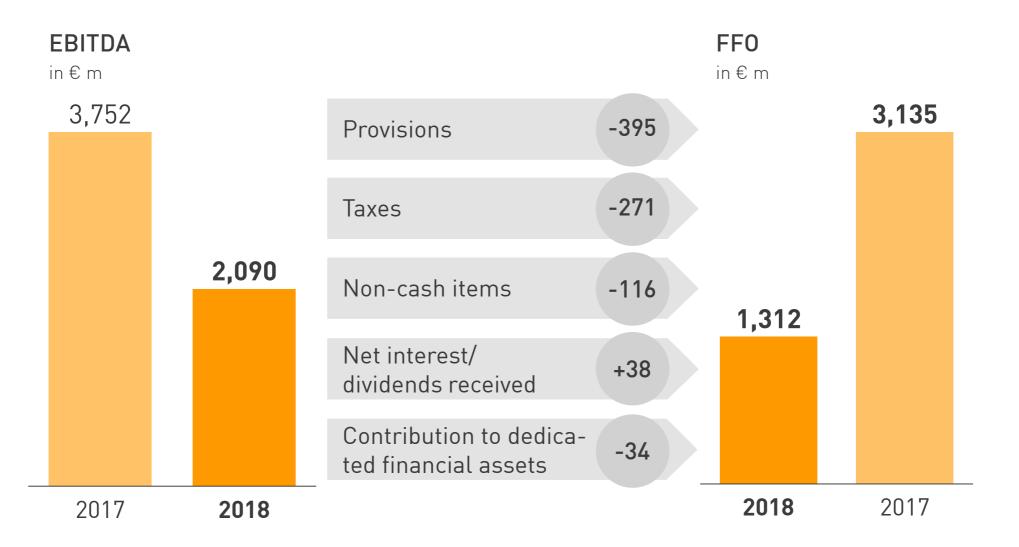
- Downtime of KKP 2 nuclear power plant in 2017
- Extended revision of the GKN II nuclear power plant
- Unfavorable weather conditions

or Undate April 2



FFO decreased mainly driven by the nuclear fuel tax refund in 2017

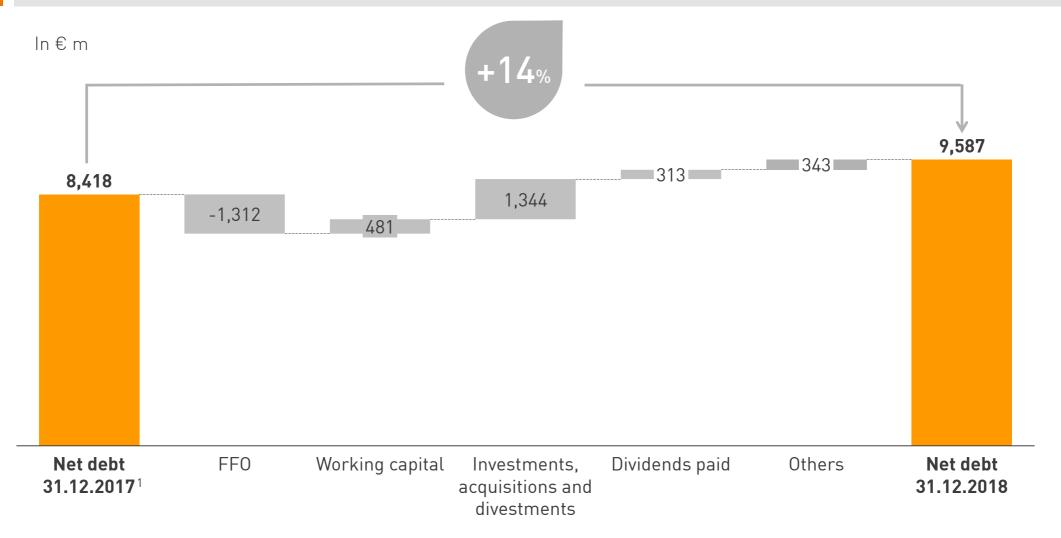






Increase in net debt





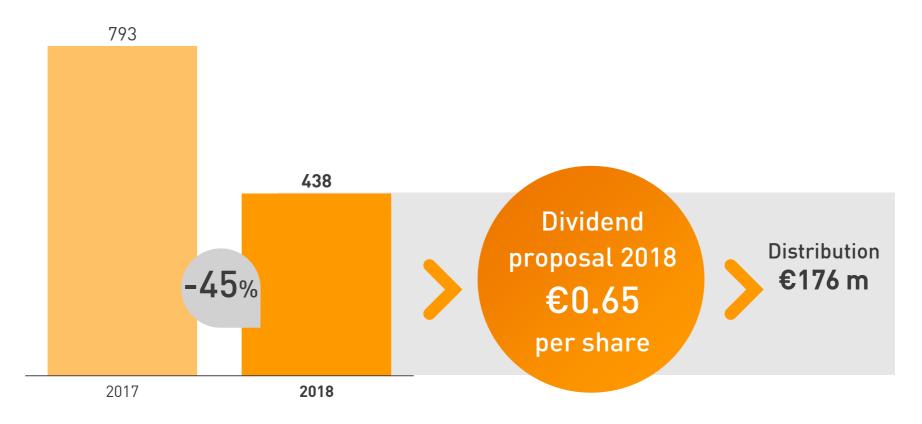


Adjusted group net profit decreased as expected

--EnBW

Adjusted Group net profit¹

in € m





Generation and portfolio of the EnBW Group in 2018

--EnBW

	Generation portfolio in MW		Own generation in GWh	
	2018	share	2018	share
Renewable Energies	3,738	28%	8,414	16%
Run-of-river	1,006	8%	4,846	9%
Storage/pumped storage (using natural flow of water)	1,507	11%	1,030	2%
Wind onshore	718	5%	996	2%
Wind offshore	336	3%	1,233	2%
Other	171	1%	309	1%
Thermal power plants	9,661	72%	45,078	84%
Brown coal	875	7%	6,048	11%
Hard coal	3,491	3%	12,868	24%
Gas	1,468	11%	3, 518	7%
Other	349	3%	198	-
Pumped storage (not using natural flow of water)	545	4%	1,790	3%
Nuclear	2,933	22%	20,656	39%
Total	13,399	100%	53,492	100%



Corporate Sustainability: Integral part of the strategy



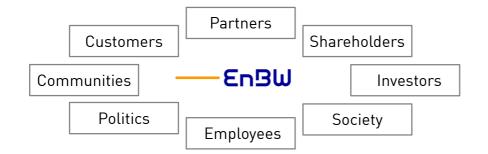


Sustainability at EnBW

> Sustainability dimensions



> EnBW stakeholders



Sustainability is integrated in

> Corporate strategy	~
> Non-financial top KPIs and targets	~
> Stakeholder management	~
> Risk and opportunity analysis	~
> Annual reporting	~



Corporate Sustainability: Ratings



ISS-oekom

Sustainalytics

Carbon Disclosure Project



2018

B-

Prime status

Major improvements in

- > Products and services
- > Corporate governance and business ethics



73
Outperformer status

Major improvements in

- > Environmental aspects
- > Social aspects



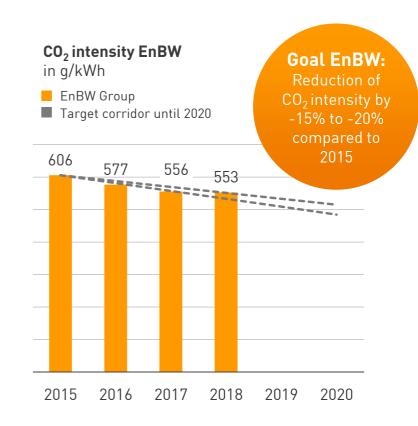
- > Effective initiatives in the field of climate protection
- Transparent reporting on emissions, opportunities and risks of climate change



EnBW is committed to climate protection

--EnBW

- > EnBW's long-term strategy is in line with the Paris Agreement and the goals of the EU and the German government
- > EnBW has introduced a **TOP-KPI** in 2013, covering expansion of **RE**, in 2016 a **TOP-KPI focusing on CO₂ intensity**
- Long-term forecasts includes scenarios with ambitious climate protection targets (see TCFD recommendations)
- > TOP KPI CO₂ intensity reflects the great importance of climate protection as an economic and ecological goal of EnBW
- EnBW strives for greatest possible CO₂ free power generation –
 with grid expansion, we support climate-friendly energy supply
- > EnBW strongly advocates **a price floor for CO₂** of 25 EUR/t in 2020 and 30 EUR/t in 2025

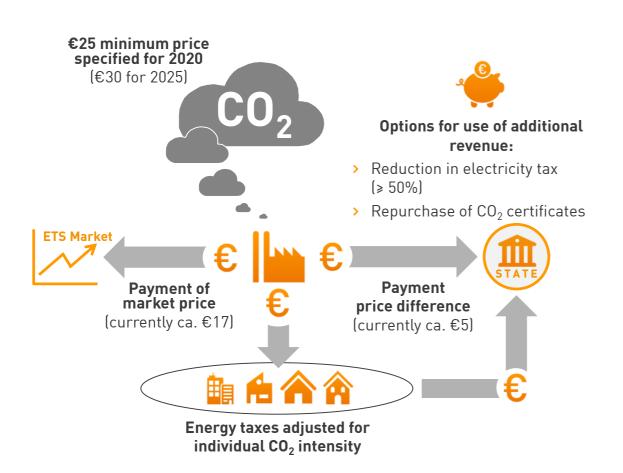




Focusing on sustainability, EnBW supports CO₂ reduced generation with a minimum CO₂ price



EnBW's position on minimum CO₂ price



Introduction of a national CO₂ target price of €25 from 2020 and €30 from 2025



This would render significant market based CO₂ reductions economically viable – climate-friendly power plants would be allocated more operating hours. At the same time risks for renewable energy investments would be mitigated."

Reduction of electricity tax by at least 50%



- Most of today`s electricity and energy taxes have no significant impact on carbon emissions.
- Reduction of the electricity tax facilitated with the additional revenue from the minimum price of CO₂; the natural gas tax can be abolished

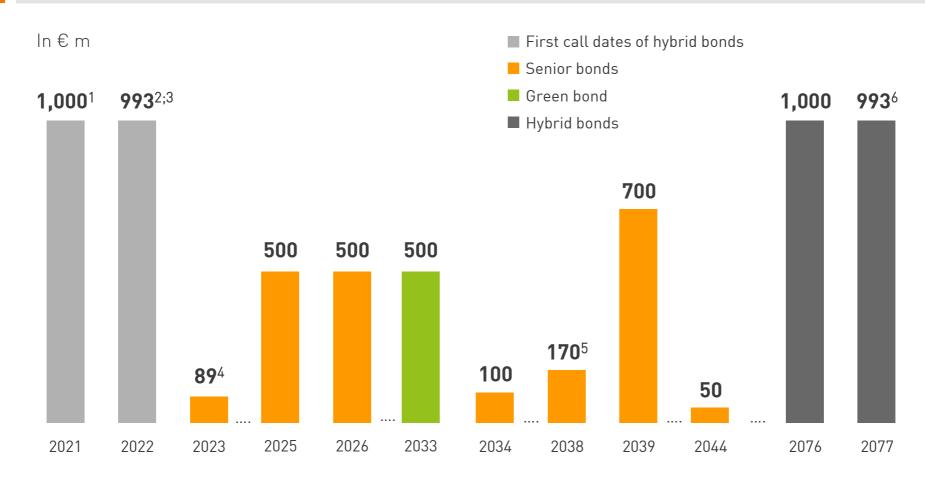
Alignment of energy taxes with the ${\rm CO}_2$ intensity of the energy source



- Fundamental reform of the energy tax system: focus on the climate impact of energy sources
- > Existing refunds and exemptions remain unaffected



Maturities of EnBW's bonds



¹ First call date: hybrid maturing in 2076

² First call date: hybrid maturing in 2077

³ Includes USD 300 million (swap in EUR), Coupon before Swap 5.125%

⁴ CHF 100 million, converted as of the reporting date of 31/12/2018

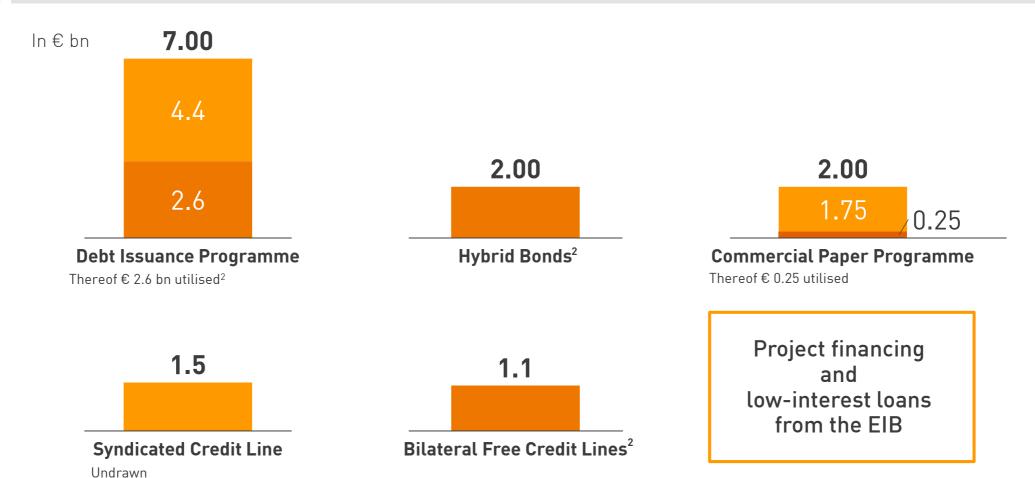
⁵ JPY 20 billion (swap in EUR), Coupon before Swap 3.880%

⁶ Includes USD 300 million, converted as of 05/10/2016



EnBW has a flexible access to various financing sources¹





Maturity date: 2021

¹ As of 31 December 2018 ² Rounded figures



Fixed income: Ratings



Rating: a sound financial policy has allowed EnBW to maintain A category ratings against the negative sector trend

Moody's **INVESTORS SERVICE**



A - / stable

FitchRatings

- > Leadership position as a vertically integrated utility within Baden-Wuerttemberg
- > Around 50% of EBITDA from low risk regulated distribution and transmission activities and growing share of renewables under contracts, as EnBW continues to invest in line with its 2020 strategy
- Difficult operating environment in Germany for conventional generation and increasingly challenging environment in retail markets
- Certain execution risks relating to a large investment programme
- Balanced financial policies and track record in implementing measures to shore up its financial profile
- > Strong shareholder support

- Solid regional competitive position and increasing foothold in national gas distribution
- Considerable progress made in business repositioning strategy
- Increased share of operating income from low-risk regulated activities and long-term contracted renewables
- Still significant exposure to volatile and commodity-driven wholesale power prices
- Well managed funding of nuclear waste-related liabilities, without major disruptions to its strategy or changes to the capital structure
- Prudent financial policy underpinned by utilisation of nuclear tax refund for capex and deleveraging

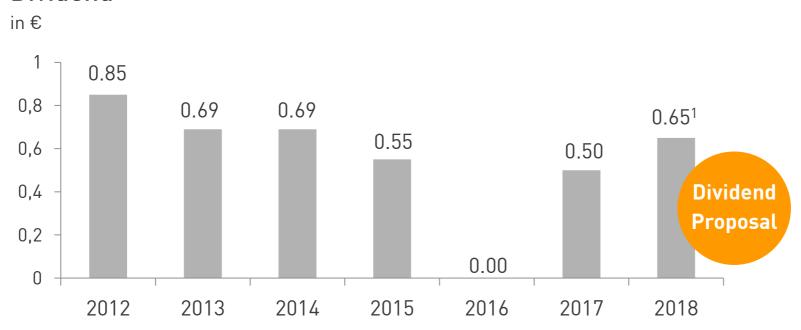
- Continued evolution towards a more regulated and contracted business profile
- High earnings visibility in grids and renewables partly offset by residual nuclear decommissioning risk; payment of EUR4.8 billion for transferring responsibility for nuclear waste storage has substantially reduced these risk
- Average forecast credit metrics are generally stronger than peers, with some exceptions with respect to funds from operations (FFO) fixed charge cover
- If the share of regulated EBITDA exceeds 50% on a sustained basis, Fitch may apply a one-notch uplift to the senior unsecured rating



Appropriate dividend payment for EnBW's shareholders

--EnBW

Dividend



Dividend for 2018

- > Dividend proposal of €0.65 per participating share
- > Total of 270,855,027 participating no-par value shares corresponds to a total amount of € 176,055,767.55



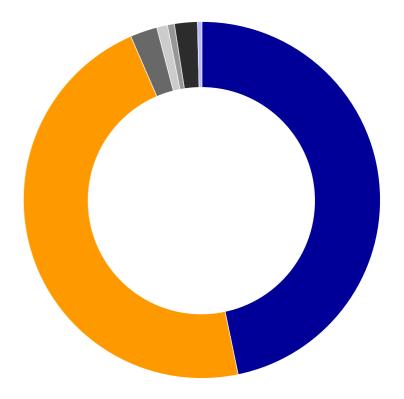
Equity capital market: Shareholder structure

Shareholder structure¹

■ 0EW 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		
tock 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		



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



Financial calendar 2019



08.05.2019	Annual General Meeting 2019	
11.05.2019	Quarterly Statement January to March 2019 Conference time: 01:00 pm	U
25.07.2019	Six-Monthly Financial Report January to June 2019 Conference time: 01:00 pm	
08.11.2019	Quarterly Statement January to September 2019 Conference time: 01:00 pm	





EnBW's Team





Thomas Kusterer Chief Financial Officer



> Ingo Peter Voigt
Head of Finance, M&A and IR
T +49 721-6314375
i.voigt@enbw.com



Peter Berlin Director Capital Markets T +49 721-6312844 p.berlin@enbw.com



> Julia v. Wietersheim
Senior Manager
Investor Relations
T +49 721-6312060
j.vonwietersheim@enbw.com



Julia Reinhardt Manager Investor Relations T +49 721-6312697 julia.reinhardt@enbw.com



Disclaimer



Unless indicated otherwise, all data contained hereinafter refers to the EnBW group and is calculated according to IFRS.

No offer or investment recommendation

This presentation has been prepared for information purposes only. It does not constitute an offer, an invitation or a recommendation to purchase or sell securities issued by EnBW Energie Baden-Württemberg AG (EnBW), a company of the EnBW group or any other company. This presentation does not constitute a request, instruction or recommendation to vote or give consent. All descriptions, examples and calculations are included in this presentation for illustration purposes only.

Future-oriented statements

This presentation contains future-oriented statements that are based on current assumptions, plans, estimates and forecasts of the management of EnBW. Such future-oriented statements are therefore only valid at the time at which they are published for the first time. Future-oriented statements are indicated by

the context, but may also be identified by the use of the words "may", "will", "should", "plans", "intends", "expects", "believes", "assumes", "forecasts", "potentially" or "continued" and similar expressions.

By nature, future-oriented statements are subject to risks and uncertainties that cannot be controlled or accurately predicted by EnBW. Actual events, future results, the financial position, development or performance of EnBW and the companies of the EnBW group may therefore diverge considerably from the future-oriented statements made in this presentation. Therefore it cannot be guaranteed nor can any liability be assumed otherwise that these future-oriented statements will prove complete, correct or precise or that expected and forecast results will actually occur in the future.

No obligation to update the information

EnBW assumes no obligation of any kind to update the information contained in this presentation or to adjust or update future-oriented statements to future events or developments.