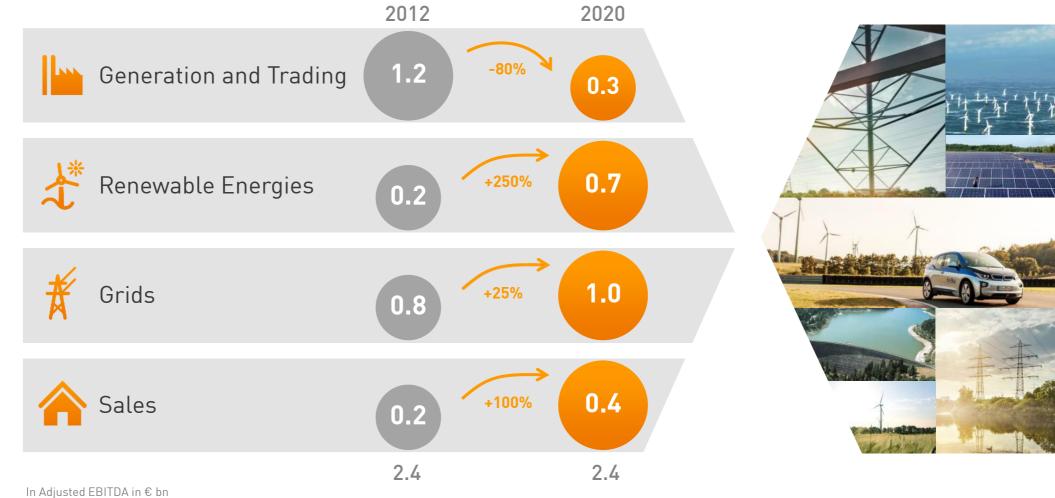
Investor Update 2018>

April 2018





EnBW continues to rigorously implement its 2020 strategy





Earnings turnaround in 2017 is a key milestone in ongoing transformation



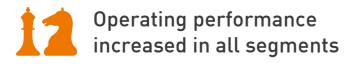
Adjusted EBITDA in € bn turnaround 2,500 -2.40 ≥ 2.40 0% to +5%* 2.23 0% to +5% 2.17 2.11 2.11 1.94 2,000 -2012 2013 2014 2015 2016 2017 2018 2019 2020 Operating performance > * Referred to forecast 2018 Efficiency measures > Financial discipline

>

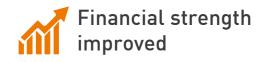


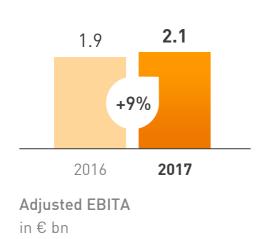
Strategic profit drivers remain in place

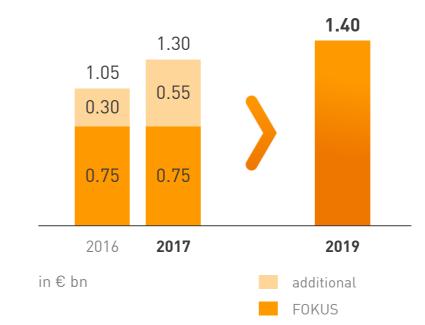


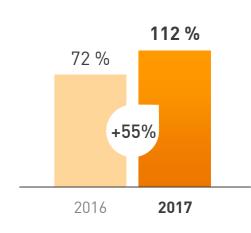


Accelerated ramp up of efficiency measures









Internal financing capability Retained Cash Flow minus Net investments >0



Portfolio transition shows substantial progress



Adjusted EBITDA¹ Share of in€bn low-risk earnings 10% 15% 15-20% 15-20% 30% 2020 2012 **2018**² 15% 48% 33% 10-15% 2.1 – 2.2 2.4 2.4 50-55% 10% 40% Realistic earnings target 2020 Expansion of onshore wind from 540 MW to 1,000 MW > In 2019 commissioning of 609 MW offshore > wind farms Hohe See and Albatros Continuous investments in distribution and Renewable Energies 🗕 Grids 📃 Sales Generation & Trading transmission grids ¹ Divergence from 100% possible due to rounding effects

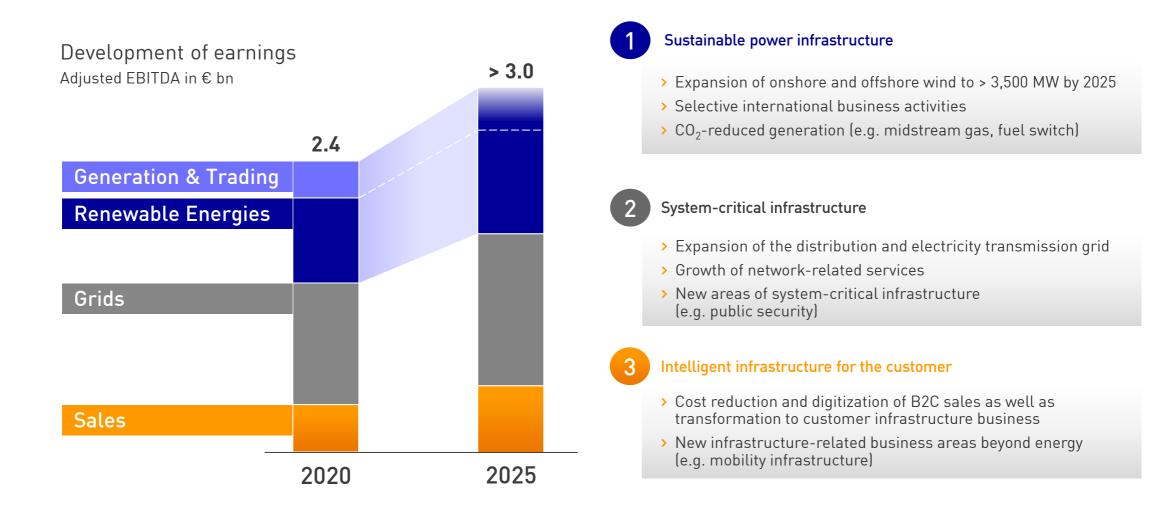
Efficiency measures of € 1.4 bn will be achieved in 2019 already

² Forecast



Growth targets beyond 2020 have already been defined



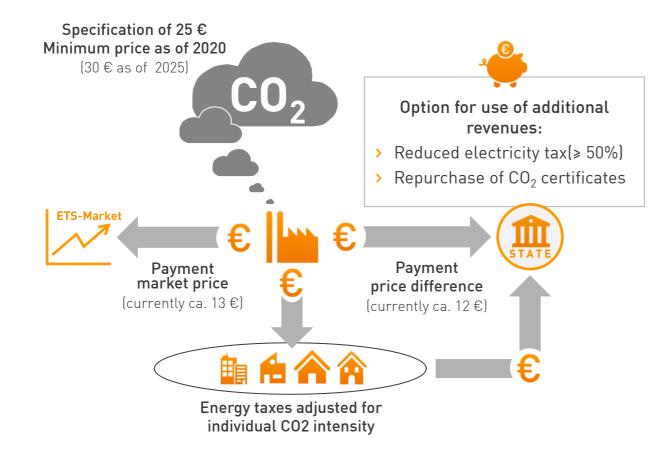




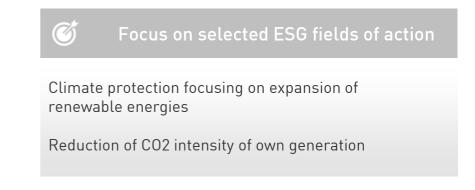
Focusing on sustainability EnBW supports a CO₂ reduced generation



EnBW's position on CO₂ minimum price



Sustainability at EnBW



Integrated Performance Management

Expanded focus on ESG factors

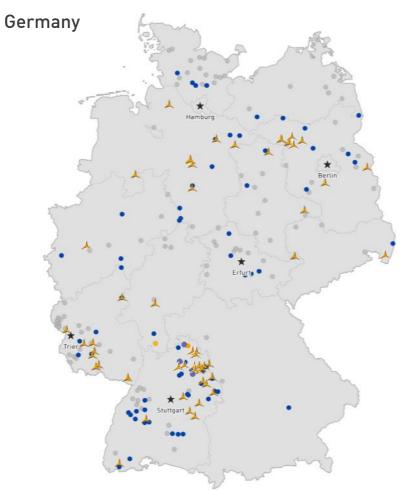
Strengthened sustainability by defining short-, medium and longterm targets



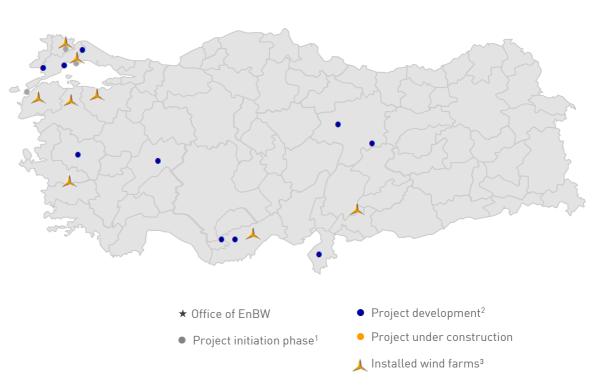
Onshore wind target of 1,000 MW until 2020 remains unchanged



Distribution of the 2017 pipeline and portfolio



Turkey



as of 31 December 2017



Wind offshore step 1: European portfolio continues to grow significantly





Installed capacity 2015: 336 MW Under construction: 609 MW Secured pipeline: 900 MW

2011

> Baltic 1: 48.3 MW

2015

> Baltic 2: 288 MW

Planned for 2019

- > EnBW Hohe See: 497 MW
- > EnBW Albatros: 112 MW
- Planned for 2025 > EnBW He Dreiht: ~900 MW

The Hohe See and Albatros offshore projects are making a major contribution to achieving the targets in our EnBW 2025 strategy

2

High competitiveness enables the successful acquisition of new offshore wind projects, while excellence and experience ensure they are delivered on budget

3

Offshore wind will be a significant pillar of our strategy even after 2020 Therefore, we will selectively participate in European auctions and monitor global developments



Wind offshore step 2: EnBW goes international



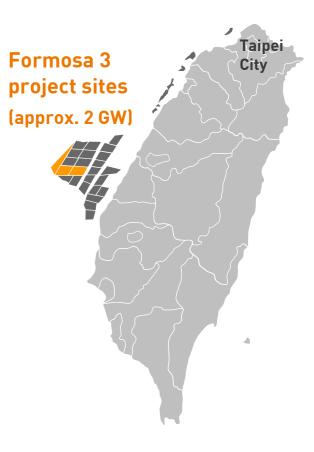
Formosa 3 – three project sites with a total capacity of approx. 2,000 MW, acquisition of 37.5% stake

Joint venture contains the strengths of EnBW, Macquarie Capital and Swancor

Fixed 20-year PPA with a feed-in tariff higher than European benchmarks

Favourable sites with good wind energy potential and lower water depth

Next steps: EU merger control clearance, secure grid capacity, start tendering process





Expansion of transmission grid mainly affects strategy beyond 2020



Expansion of the EnBW transmission grid

Grid section Scheduled completion

AC grid reinforcement		
1 for river Rhein area in Baden	121 km	2021
2 for north Baden-Wuerttemberg	156 km	2022
3 for north east Baden-Wuerttemberg	158 / plus 56 km	2022 / 2030

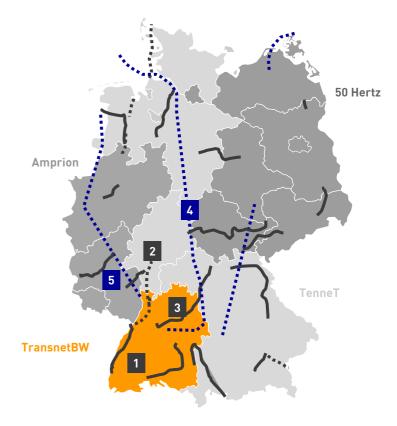
DC expansion

4 in corridor C "SuedLink" 4 GW	700 km ¹	2025
5 in corridor A "Ultranet" 2 GW EnBW contribution: converter, power lines Baden- Wuerttemberg	40 km	2021

Investment up to 2025: around € 5 bn

Source: BNetzA, EnBW, 2. draft NEP 2030 May 2017

¹ In cooperation with TenneT



New construction (DC)
 New construction (AC)
 Grid reinforcement (AC)



Sales: e-mobility and digitalisation are on top of the agenda

-EnBW

E-Mobility

Expansion

- > 120 locations equipped with charging stations
- > EnBW's charging card valid at more than 8,000 charging point in DACH countries

Targets 2018

- > 200 new DC locations
- > Market coverage of 75% in D-A-CH countries



Expansion

- > Smart Metering Systems, e.g. transparency of generation and consumption
- > Cloud platform for utilities, e.g. billing services and energy sector backend
- > Special digital infrastructure offers for local authorities broadband, security and smart services



Key financial indicators reflect prudent financial policies

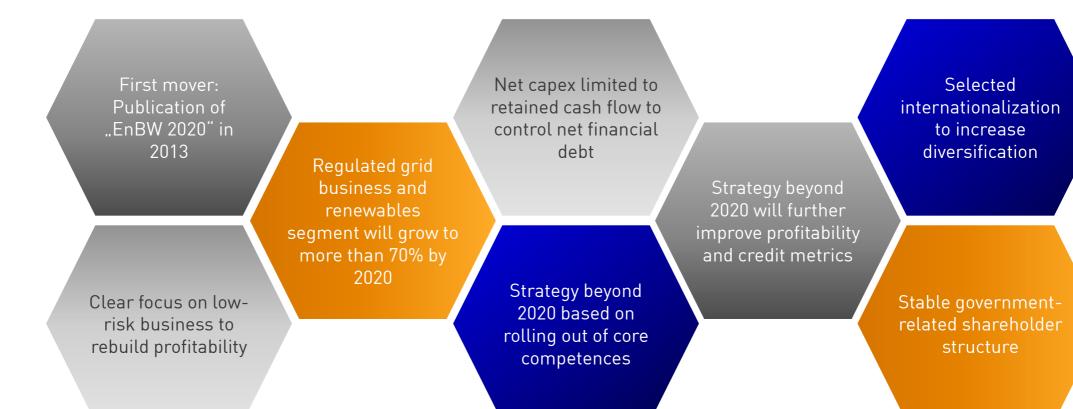


Securing Profitability	Portfolio Transformation Grids and Renewables with ~70 Adj. EBITDA contribution by 202		-	arget 2020 € 2.4 bn arget 2025 እ€ 3.0 bn
High Level of Financial Discipline	Internal Financing Capability Retained Cash Flow minus Net Investments >0		Asset Liability	Dension and nuclear provisions y Management Model ting Cash Flow of € 300 m p.a.
Increasing Group Value	ROCE > WACC 8.5 - 11.0	Access to Capi Solid Investme Ratings		Sustainable Dividend Level Payout Ratio of 40 %-60 % (medium-term target)
Solid credit quality	Moopy's INVESTORS SERVICE Long-term rating:Baa1 Outlook: stable	ESTANDARD & POO RATINGS SERVICE MCGRAW HILL FINANCIAL Long-term ration Outlook: stable	sng: A-	FitchRatings Long-term rating: A- Outlook: stable



EnBW is a strong business case





Questions & Answers >



Appendix

-----EnBW

- > EnBW at a glance
- > Political & regulatory environment
- > German electricity market
- > Figures FY 2017
- > Generation portfolio
- > Sustainability
- > VNG
- > Financial profile
- > Rating
- > Dividend
- > Shareholder structure
- > Calendar 2018
- > IR contact



EnBW at a glance¹

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One of the largest German utilities

- > 5.5 million customers
- > 13 GW generation portfolio
- > Stable shareholder structure
- > 21,000 employees

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¹ Figures 2017

> Strong roots in Baden-Wuerttemberg

Balanced risk-return profile

- > Focus on renewables and grids
- ~65 % EBITDA contribution from low-risk business
- Solid investment grade ratings

Storage

Grids

Generation

Import contracts/

infrastructure

¥

> Active in selected foreign markets

Trading/

procurement

\$

Trading/portfolio

management

Renewable

Energies

Key financial figures

> Revenue: € 22 bn

Transmission/

distribution

- > Adj. EBITDA: € 2.1 bn
- > Group net profit/loss: € 2.1 bn

Fully integrated utility in Germany

Electricity

Gas

Sales

4 Business Segments



Sales

17



Political & regulatory environment: Overview



EU 2020-Goals

-20 % GHG emissions20 % RE of final energy consumption20 % Energy savings

EU 2030-Goals

-40 % GHG emissions
27 % RE of final energy consumption
27 % Energy savings (probably increased to 30 %)

German Climate & Energy Policy Goals

-40 % GHG emissions until 2020 -20 % primary energy consumption until 2020

Conventional generation

Goal Shut-down of last NPP until end of 2022

 Responsibility for financing of phase-out split between operators and government

Establishing milestones regarding the fossil-fuel phase-out and the potential pricing of CO₂ during the current legislative period

Renewables

2025: 40–45 % RE 2035: 55–60 % RE in electricity production¹

- Reform of remuneration system towards tenders
- First auction for wind offshore in April 2017, EnBW bit successful
- Debate on tariff system and costs of power ongoing. Changes to charges expected

Reform of the tax and allocation system



Potential reform of financing system of the Renewable Energies Act (EEG)

Goal Potential reform of the network tariffs and electricity tax regulation

Grid expansion

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



Political & regulatory environment: Fundamental changes

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Generation and Trading

- 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 generation from gas power plants due to coal-to-gas fuel switching
- Political discussion of coal exit; roadmap of coal exit in progress (results end of 2018)
- Increasing volatility of prices and volumes

Power and Gas Grids

- Volatile electricity generation detrimental to grid stability
- > Investments of around € 70 bn in expanding the grid through to 2030
- Conventional power stations increasingly in back-up role
- Accelerating expansion of smart grids

Customers

- Downturn demand for electricity and gas due to energy efficiency and rising demand by electric vehicles and residential heating sector¹ in the future
- Renewables for the most part in the hands of non-PSCs²
- > Consumers playing an increasingly active role with PV and Battery Systems
- Number of energy co-operatives has increased strongly since 2008

- > 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

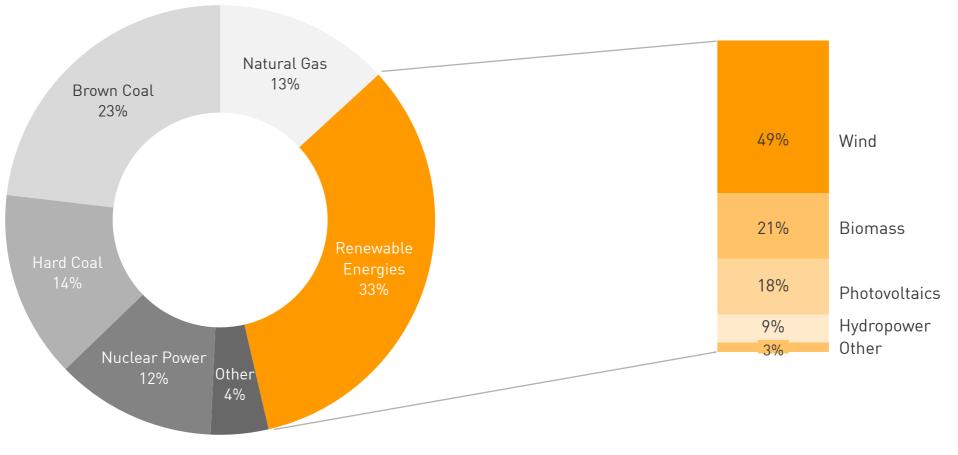
¹ Depending on regulatory policies ² Power supply companies



German electricity market: Generation capacity



Gross electricity generation according to energy source 2017 in Germany



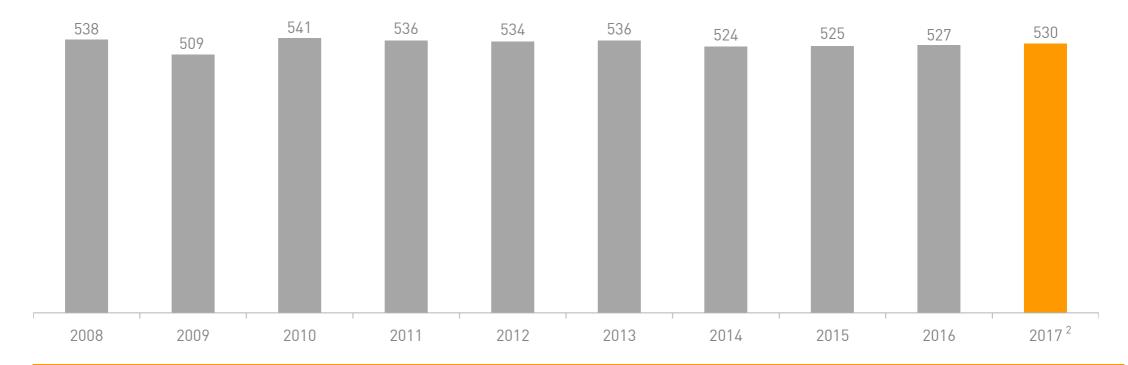


German electricity market: Electricity consumption

----EnBW

Electricity consumption in Germany

in TWh ¹



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

¹ Data as of February 2018; Source: AGEB ² Preliminary data

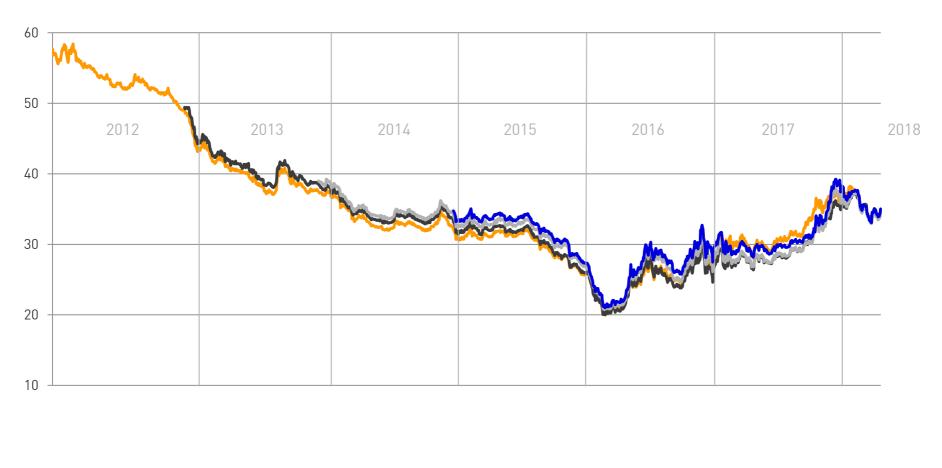


German electricity market: Wholesale forward price



Forward price for electricity baseload in Germany

in €/MWh





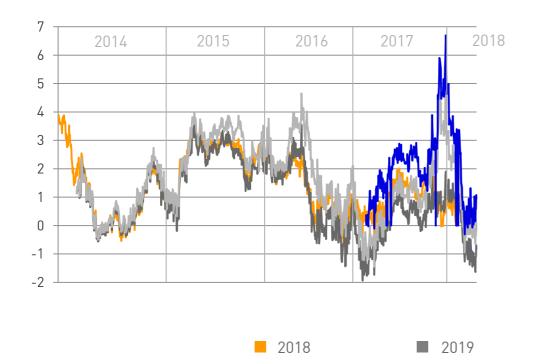
German electricity market: CDS at low levels and increasing prices for CSS



Clean-Dark-Spread Base

in €/MWh

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



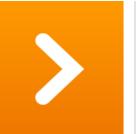
Clean-Spark-Spread Peak

in €/MWh

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

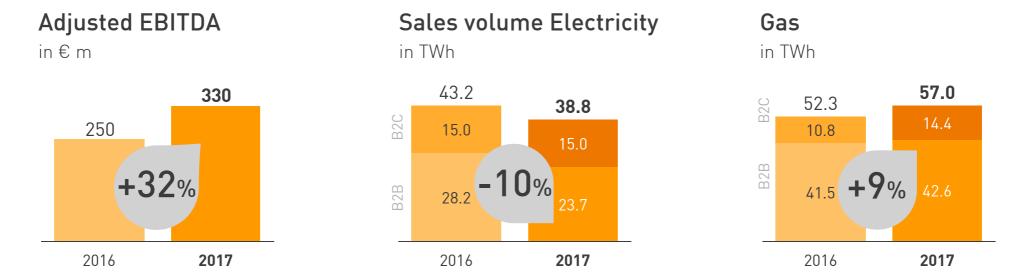


Clean-spark-spread represents the net revenue a generator makes from selling power, having bought gas and the required number of carbon allowances. Clean-dark-spread refers to an analogous indicator for coal-fired generation of electricity.



Sales Operating increase above expectations





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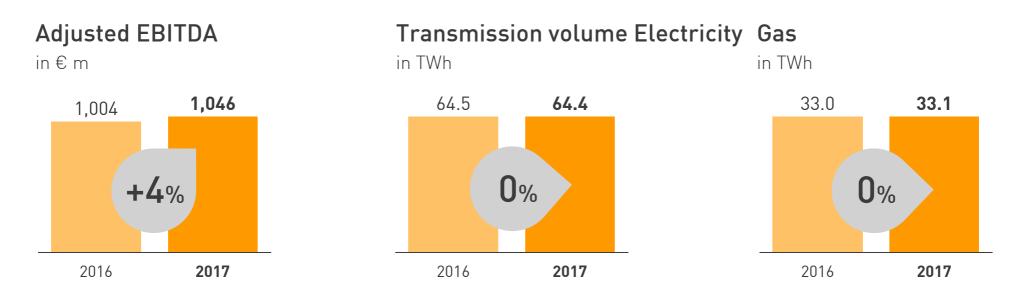
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Positive effects from exiting the unprofitable EnBW and Watt B2B commodity business in 2016

Reduced ramp-up costs for billing service for other sales and grid operators







0

Positive effects due to first-time consolidation of VNG

0

Lower earnings from use of distribution grids



Renewable Energies Increase mainly driven by higher wind yields





Higher wind yields compared to previous year, notably at offshore wind farms

- Further onshore wind farms commissioned (+204 MW)
- Reduced water levels at our run-of-river power plants
- Electricity from run-of-river power plants sold on forward market at lower wholesale market prices

¹Includes long-term procurement agreements and generation from partly owned power stations; the figures indicated are taken from the segments; segment excludes generation from pump storage plants that is associated in the generation and trading segment. Divergence from 100 percent possible due to rounding effects.

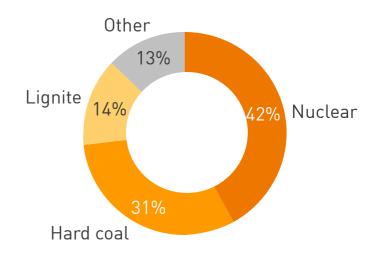


Generation and Trading Earnings increase mainly due to consolidation effects



Generation volume Adjusted EBITDA in € m in TWh¹ 45.6 377 337 +12% 2016 2017 2016

Conventional generation mix in TWh





Positive effects due to first-time consolidation of VNG

- Positive effects from elimination of nuclear fuel tax
- Shutdown of KKP 2 nuclear power plant

Delivered electricity sold on forward market at lower wholesale market prices

Update April 2018

¹ Includes long-term procurement agreements and generation from partly owned power stations; the figures indicated are taken from the segments. Segment includes pump storage plants. Divergence from 100 percent possible due to rounding effects.

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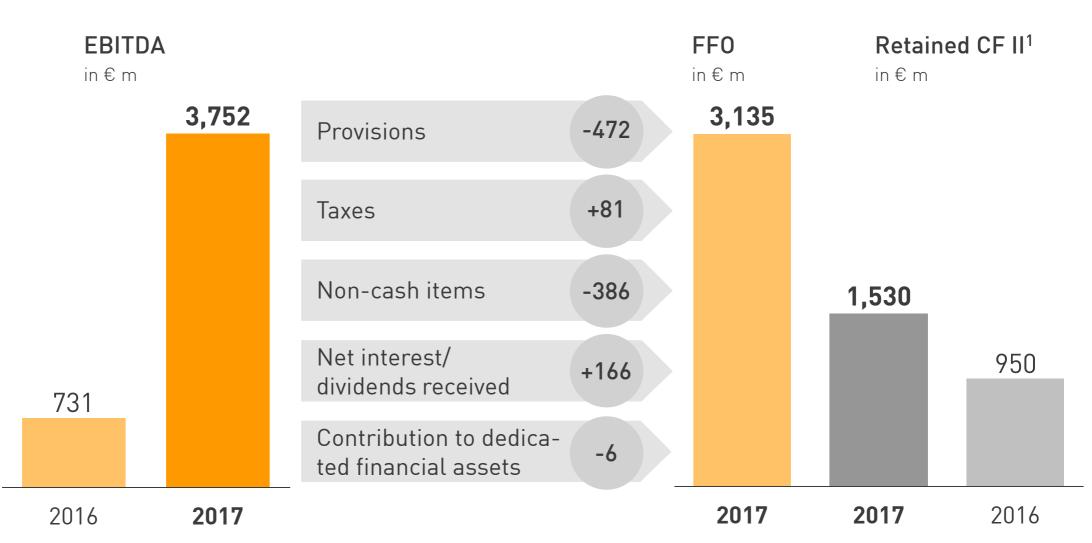
2017

-6%



FFO: Significant increase Mainly driven by the nuclear fuel tax refund

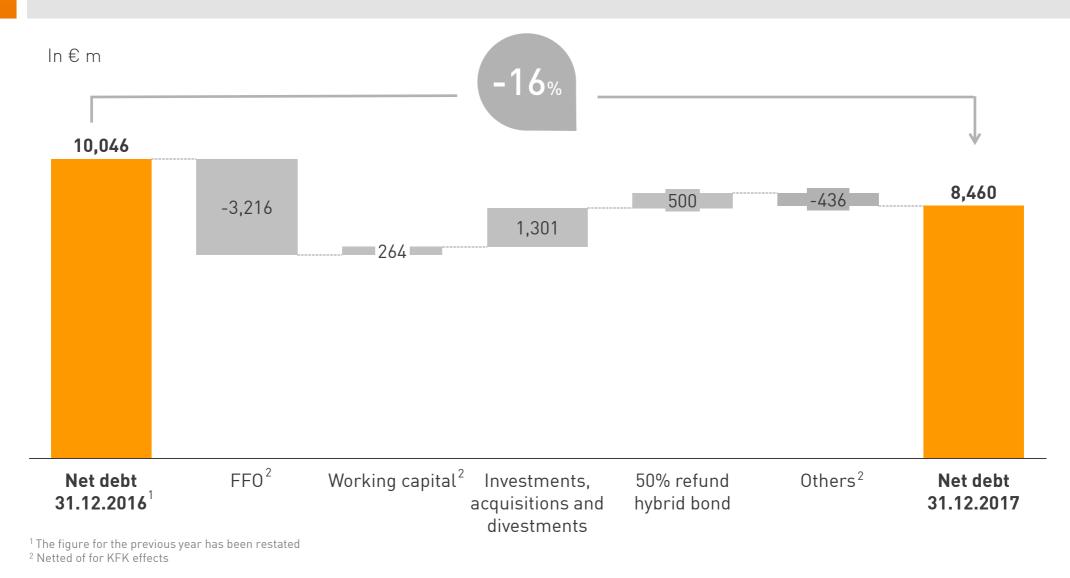




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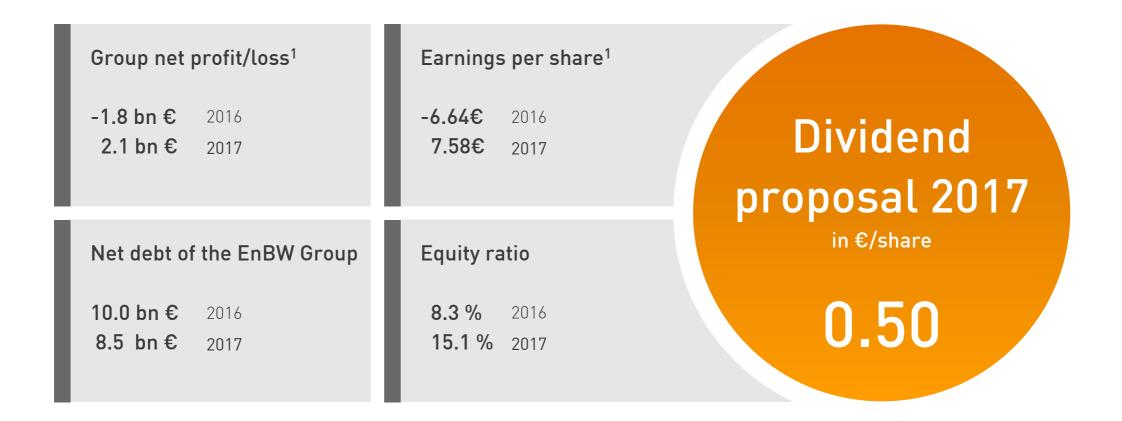


Decrease in net debt mainly due to nuclear fuel tax refund





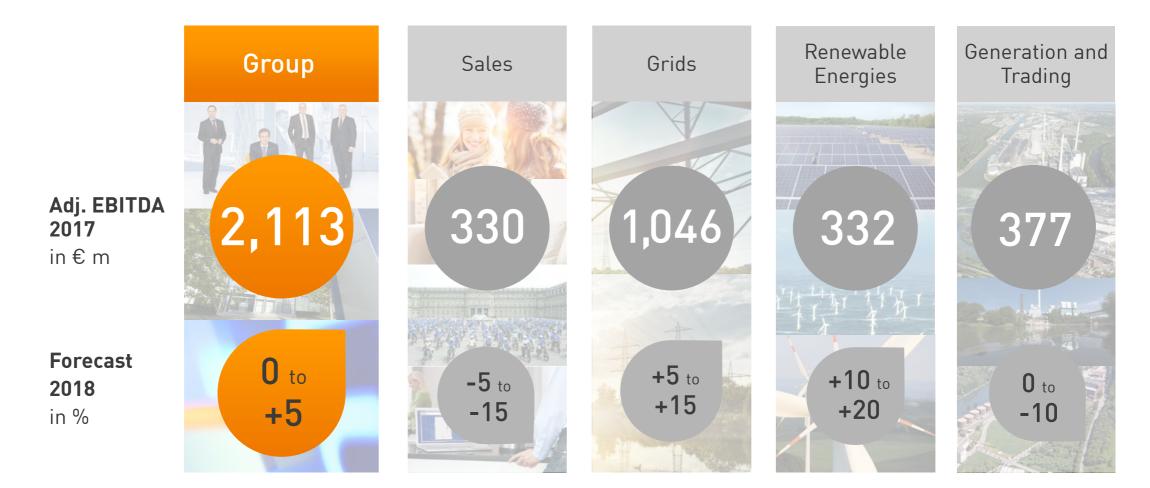
Strong group profit and EPS driven by operating performance and nuclear fuel tax refund





Outlook operating performance 2018





Investor Update April 2018



Generation and portfolio of the EnBW Group in 2017



	Generation portfolio in MW		Own generation in GWh	
	2017	share	2017	share
Renewable Energies	3,381	26 %	8,290	17 %
Run-of-river	1,034	8 %	5,012	10 %
Storage/pumped storage (using natural flow of water)	1,327	10 %	946	2 %
Wind onshore	540	4 %	661	1 %
Wind offshore	336	3 %	1,416	3 %
Other	114	1 %	255	1 %
Thermal power plants	9,673	74 %	41,904	83 %
Brown coal	875	7 %	6,027	12 %
Hard coal	3,523	27 %	12,977	26 %
Gas	1,448	11 %	3,436	7 %
Other	349	3 %	211	-
Pumped storage (not using natural flow of water)	545	4 %	1,721	3 %
Nuclear	2,933	22 %	17,532	35 %
Total	13,054	100 %	50,194	100 %



Corporate Sustainability: Integral part of the strategy



Sustainability at EnBW



Sustainability at EnBW is integrated in:



Corporate Sustainability: KPIs and sustainability ratings

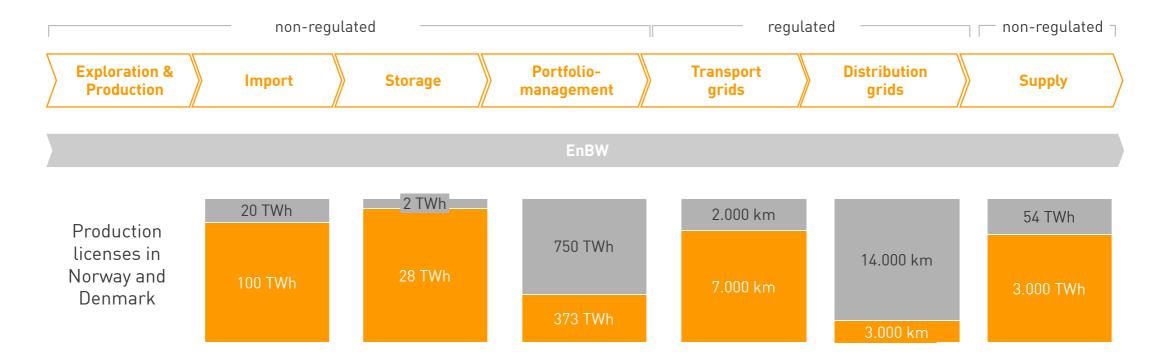
-EnBW





EnBW/VNG are fully integrated in the gas market



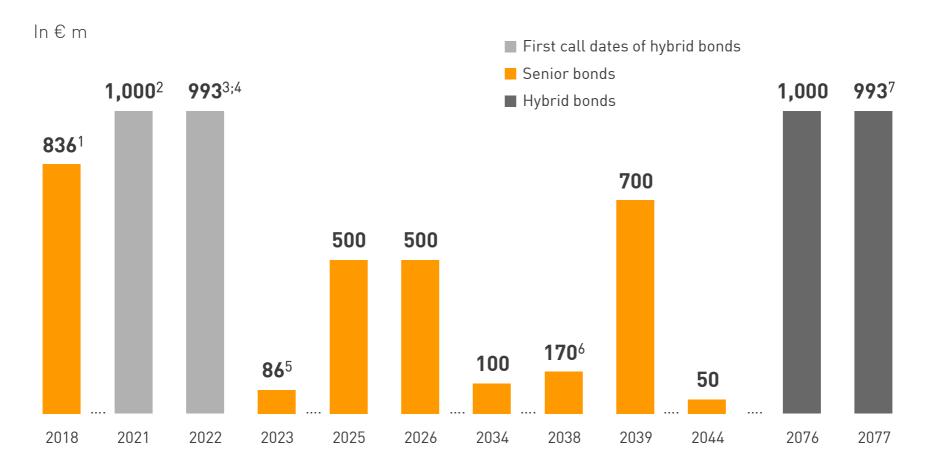


VNG



Maturities of EnBW's bonds





¹ Includes CHF 100 million, converted as of the reporting date of 31/12/2017

³ First call date: hybrid maturing in 2077

⁵ CHF 100 million, converted as of the reporting date of 31/12/2017

⁷ Includes USD 300 million, converted as of 05/10/2016

² First call date: hybrid maturing in 2076

⁴ Includes USD 300 million (swap in EUR), Coupon for Swap 5,125%

⁶ JPY 20 billion (swap in EUR), Coupon for Swap 3,880%



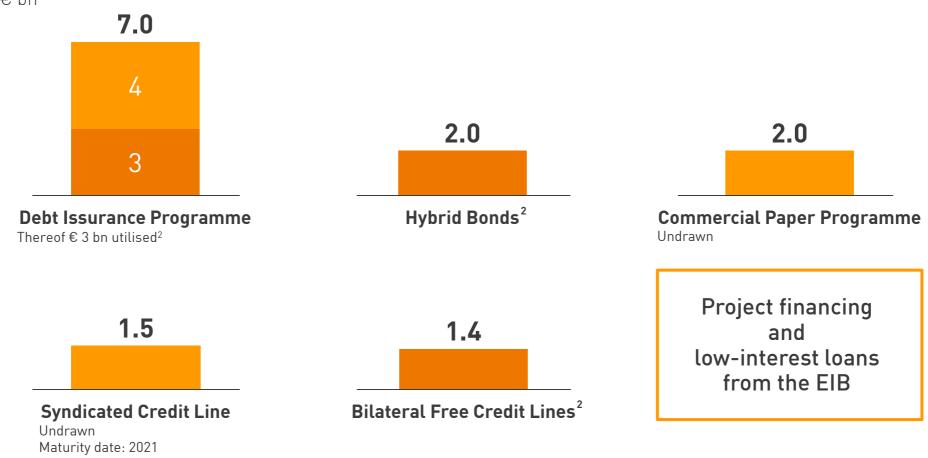
EnBW has a flexible access to various financing sources¹



ln€bn

¹ As of 31 December 2017

² Rounded figures





Asset Liability Management Model EnBW nuclear and pension provisions still covered



in € m 100% Coverage Asset contribution projected 2030 16,000 OCF contribution **Provisions** 12,000 **Financial assets** 8,000 4,000 NO 800 impact on OCF 600 ′Max. €**300** m¹ 400 impact on 200 **OCF** 0 2017 2023 2029 2035 2041

EnBW's CF-based model



Fixed income: Ratings



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

MOODY'S INVESTORS SERVICE

Baa1/stable

24 May 2017

- > Conventional generation to remain challenging
- EnBW 2020 strategy to compensate for negative impact of changing market conditions; de-risking of EBITDA mix, increasing contribution from more stable profit streams
- KFK agreement creates additional financial burden
- Continuing implementation of measures to defend credit quality
- > Strong shareholder support



A-/stable

20 June 2017

- Considerable progress in its business repositioning strategy
- Funding of nuclear waste-related liabilities without major disruptions to strategy or capital structure
- Nuclear tax refund will support recovery of credit measures
- Stable outlook reflects expectation that network operations and growing renewable business will mitigate volatility in power generation and sales, and that credit measures will recover in the near term



A-/stable

7 July 2017

- Ratings reflect strong integration, expected increase in earnings visibility and lower financial leverage than many of its peers
- > Payment to the state-run nuclear fund (KFK) puts pressure on credit metrics
- Prudent investment and dividend policy supporting credit ratios
- Nuclear fuel tax refund will lead to increased headroom assuming that at least part of the amount will be used for strengthening the balance sheet

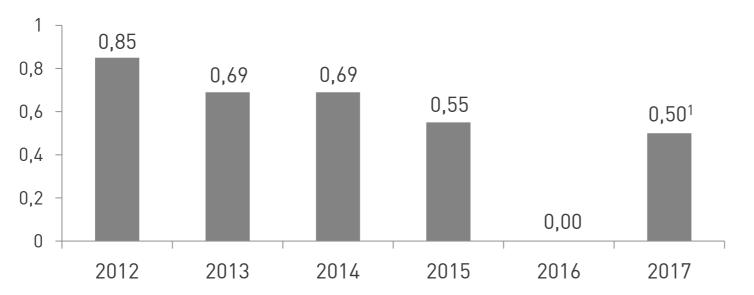


Appropriate dividend payment for EnBW's shareholders



Dividend





Dividend for 2017

- > Dividend proposal of eq 0.50 per participating share
- > Total of 270,855,027 participating no-par value shares corresponds to a total amount of € 135,427,513.50

40



Equity capital market: Shareholder structure

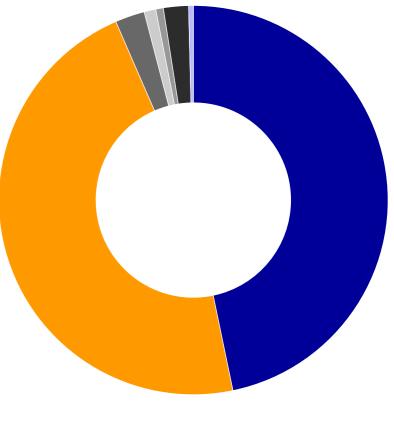


Shareholder structure¹

OEW Energie-Beteiligungs GmbH	46.75 %
NECKARPRI-Beteiligungsgesellschaft mbH ²	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 2017

Investor Update April 2018

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 2018



08.05.2018	Annual General Meeting 2018	
15.05.2018	Quarterly Statement January to March 2018 Conference time: 10:00 am	
26.07.2018	Six-Monthly Financial Report January to June 2018 Conference time: 01:00 pm	
12.11.2018	Quarterly Statement January to September 2018 Conference time: 01:00 pm	Upcoming
		Events

Investor Update April 2018



EnBW's Team





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