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 ${\sf EnBW}$ uses proceeds from green bonds to finance, among other things, the roll-out of fast charging infrastructure.

EnBW is involved in a number of initiatives that pave the way for sustainable finance.









Sustainable Finance-Committee of the German Federal Government *¬*1

The EnBW green bonds: Investing in the future of energy

In line with our strategy of developing into a sustainable and innovative infrastructure partner, we are investing more and more in climate-friendly growth projects. For this reason, we plan to invest a total of around $\[\in \]$ 12 billion between 2021 and 2025, 80% of which will be spent on growth projects (focusing on grid expansion, renewables and smart infrastructure). In addition, we aim to reduce our $\[\]$ 02 emissions to net zero by 2035.

Our first, €500 million green bond issued in October 2018 was followed by the next green bond comprising Germany's first two green subordinated bonds (for a total of €1 billion) in July 2019. We issued a further €500 million green subordinated bond in June 2020. Green bonds are issued exclusively to fund climate-friendly projects. All EnBW green bonds have met the criteria for certification by the Climate Bonds Standard Board on behalf of the Climate Bonds Initiative. Based on our Green Financing Framework proceeds from our green bonds must go exclusively to projects in the following categories that are eligible for support:

- > Renewable energy (onshore and offshore wind power and solar/photovoltaics)
- > Energy efficiency (such as smart meters)
- > Clean transportation (such as electric mobility infrastructure/charging points)
- For further information about our green bonds and the Impact Report, please visit our website 🗷

Key data on EnBW green bonds

Bond- type	Rating (Moodys / S&P / Fitch)	lssue size in €m	Net issue proceeds in €m	Issue date	Term in years	Coupon in % p.a.	Denomi- nation in €	ISIN
Green Senior Bond	A3 (negative) / A- (stable) / A- (stable)	500	496.42	24 Oct 2018	15	1.875	1,000	XS1901055472
Green Sub- ordinated	Baa2/ BBB-/ BBB	500	498.25	29 July 2019	60	1.625	100,000	XS2035564629
Green Sub- ordinated	Baa2/ BBB-/ BBB	500	498.25	29 July 2019	60.25	1.125	100,000	XS2035564975
Green Sub- ordinated	Baa2/ BBB-/ BBB	500	494.75	22 June 2020	60	1.875	100,000	XS2196328608

Impact Report

2018 green senior bond (XS1901055472) and 2019 green subordinated bonds (XS2035564975 & XS2035564629)

For the detailed fund allocation, please see the Impact Report at www.enbw.com/impact-reporting2020/en \nearrow 49% of the proceeds of the green senior bond issued in 2018 were used for new construction projects and 51% to refinance projects already in operation. For the green subordinated bonds issued in 2019, 87% were used for new construction projects and 13% to refinance projects already in operation.

Project category		diture attributable €m, per category)¹	Generation ca to the bonds (I	pacity attributable MW) ¹	Generated electricity attributable to the bonds (MWh) in 2020	CO ₂ avoid- ance factor (gCO ₂ eq/ kWh) ²	Emissions avo	ided attributable CO₂eq)
	2018 green senior bond	2019 green subordinated bonds ³	2018 green senior bond	2019 green subordinated bonds			2018 green senior bond	2019 green subordinated bonds
Offshore wind ==	227.5	839.8	68.2	251.5	1,240,571	701	174,381	695,260
Onshore vind	222.2	1/2/	143.9	48.3	709,579	693	225,024	59,732
nshore vind	- 233.3	142.4	-	105.5	298,675	_4	-	-
Solar PV) ==	27.6	14.3	37.8	23.7	66,341	627	25,238	16,357
otal	488.4	996.5	250.0	429.1	2,315,165		424,642	771,350
Feder The cal	cal Environme	is identical for PV, for o	offshore wind and for	or onshore wind. How ssion gases CO ₂ , CH ₄ a	111u 1 v 20			
Feder The cal differe are tak CO ₂ eq CO ₃	cal Environme	nt Agency ¹ is identical for PV, for obsubstitution factors and his way, not only CO ₂ e CO ₂ eq et RE good indirect manufact equipment, a	offshore wind and for	or onshore wind. How ssion gases CO ₂ , CH ₄ a	spective ssions by ation,			
Feder The cal differe are tak CO ₂ eq CO ₃	ral Environme Iculation method intemission- and sten into account. To account the sten into account the sten into account the sten into account the sten into account. To account the sten into accou	nt Agency¹ is identical for PV, for or substitution factors are his way, not only CO₂ e CO₂eq et RE co (indirect manufact equipment, a	offshore wind and for entitized. The emissions are being missions from generation emissions from generation emissions from ure of generating uxiliary energy, etc.) E energy eneration coenditure Le to the bonds	cor onshore wind. How estion gases CO ₂ , CH ₄ a graduated but the re CO ₂ eq emis avoided RE genera net CO ₂ avoid factor (CO	spective ssions by ation,		Number of	charges in 2020

Rounded figures

Source: Germany: Federal Environmental Agency publication "Climate Change 37/2019 - Emissionsbilanz erneuerbarer Energieträger, Bestimmung der vermiedenen Emissionen im Jahr 2018" (PDF, 4141 KB), as of November 2019; France: Own calculation

³ Allocation of funds differs from prior-year figure due to the final allocation of unallocated proceeds

No calculation of avoided emissions. In Sweden, the energy generated from renewables and low-CO₂ generation (nuclear energy) is at over 90%. It is assumed that additional renewables do not contribute to additional CO₂ avoidance.; Source: International Energy Agency - Energy Policies of IEA countries - Sweden 2019 Review

Impact Reporting

2020 green subordinated bond (XS2196328608)

Proceeds of this bond have been used to refinance the acquisition of Groupe Valeco in 2019. Groupe Valeco is a French project developer that builds and operates wind and PV projects.

,	Capital expenditure attributable to the bond (€m, per category)¹	Generation capacity attributable to the bond (MW) ¹	Generated electricity d attributable to the bond (MWh) in 2020	CO ₂ avoidance factor (gCO ₂ eq/kWh)	Emissions avoided attributable to the bond (tCO ₂ eq)
Onshore wind	/0/ 0	188.8	425,614	56	23,834
Solar (PV)	— 494.8	45.1	61,199	19	1,163
Total	494.8	233.9	486,813		24,997
Formula for calc	ulating the CO ₂ avoidance	e lactors for France-		² Source: Elect	tricity generation of France:

EnBW Green Financing Framework

We published our EnBW Green Financing Framework in October 2018. It is based on the Green Bond Principles published by the International Capital Market Association (ICMA) in June 2018. Sustainability rating agency ISS ESG has confirmed that the EnBW Green Financing Framework is in accordance with the Green Bond Principles.

The Green Financing Framework governs the use of green financing instruments² within the EnBW Group. We have selected a two-step approach to ensure a diligent project evaluation and selection process. This approach is likewise integrated into the Green Financing Framework:

- To ensure eligibility for green financing, we have set up a Green Financing Committee with representatives from the corporate finance department, the corporate sustainability department and, on a case by case basis, representatives from business units.
 - Projects may either be proposed by the business units or directly selected by the Green Financing Committee. The final decision on the selection of eligible Green Assets can only be taken unanimously.
- The Committee is responsible for verifying compliance of all projects with the eligibility criteria (which are specified in the Green Financing Framework). Typical exclusion filters include but are not limited to material controversies and concerns about impacts on the environment.

In addition, selection criteria have been defined for prioritising projects. A prioritisation mechanism is used to assess the extent to which projects meet the selection criteria.

² Green bonds, green loans, green project financing, etc.

The contribution of green financing to the SDGs and our non-financial KPIs

The EnBW Green Financing Framework is based around the 17 sustainable development goals (SDGs) adopted by the United Nations as part of the Agenda 2030 for Sustainable Development. The project categories eligible for support under the Framework

- renewable energy, energy efficiency and clean transportation - contribute significantly to climate change mitigation and the transition to a low-carbon sustainable economy and notably support SDGs 7, 9, 11 and 13.



SDG 7: Affordable and clean energy

By investing substantially in offshore and onshore wind power and in photovoltaics, we contribute to the expansion of renewable energy sources.



SDG 9: Industry, innovation and infrastructure

By investing in the rollout of charging infrastructure for electric mobility in Germany, we create innovative and climate-friendly infrastructure solutions to promote clean and more environmentally compatible transportation.



SDG 11: Sustainable cities and communities

With the expansion of charging infrastructure to boost electric mobility in Germany, we pave the way for sustainable urban development.



SDG 13: Climate action

The expansion of renewable energy for electricity generation helps reduce emissions and supports global action for the climate.

The green bonds likewise support our non-financial KPIs:

Environment



Renewable energy

The share of EnBW generating capacity accounted for by renewable energies in 2020 had doubled relative to 2012. The target for 2025 is 6.5-7.5 GW installed capacity and for renewable energy sources to account for at least 50% of generating capacity.

Climate

We actively contribute to climate protection by successively reducing the carbon intensity of our electricity generation activities (excluding nuclear power). In the period 2015 to 2020, we reduced our CO_2 intensity by 39%. Our target for 2025 is a 15% to 30% reduction compared to the base year 2018.

The green bonds also have a positive impact on other top non-financial performance indicators such as our reputation index (further information is provided on our website \nearrow).

The full Integrated Annual Report is available online at: www.enbw.com/report2020 ↗.

Good independent assessments

For an independent assessment of the EnBW green bonds, we have obtained both a Second Party Opinion from ISS ESG and CBI certification for all of our green bonds.

Further information on the EnBW Framework, ISS ESG and CBI certification is available online 7



ISS ESG Second Party Opinion

ISS ESG, a rating agency internationally specialised in sustainability, has confirmed that all EnBW green bonds issued to date comply with the Green Bond Principles on the basis of International Capital Market Association (ICMA) criteria. In addition, ISS ESG confirmed the good sustainability quality of the bonds and also our above-average sustainability performance as the issuer (ISS ESG Prime Status).

Further information (PDF, 1.05 MB) is available as download



Climate Bonds Initiative certification

EU Green Bond Standard

We closely monitor developments involving the EU Green Bond Standard, which is formulated by an EU $\,$

expert group, and use them as guidance for future green bond issues.

- > Comprehensive information about our company, our business segments and our range of services is available on our website:

 www.enbw.com/company
- > More in-depth information on our current financial strategy (Strategy 2025 and Climate Neutrality by 2035) is available at www.enbw.com/financial-strategy
- News and our financial calendar are available for investors at www.enbw.com/company/investors
- > We provide information on our corporate social responsibility and how we generate economic, environmental and social added value at www.enbw.com/company/sustainability <a> \textsqrc>
- > Details about the green bonds with key documents to download and regular updates are available at https://www.enbw.com/green-bonds

If you have any further questions, please do not hesitate to contact us:



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