

Carbon Reduction Plan template

Supplier name: RWE Supply & Trading GmbH

Publication date: October 2025

Commitment to achieving net zero

RWE AG along with all its subsidiaries including RWE Supply and Trading GmbH, is committed to achieving Net Zero carbon emissions by 2040, at the latest.

Baseline emissions footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline year: 2022	
Additional details relating to the baseline emissions calculations:	
2022 is used as the baseline year to ensure the decarbonisation targets are set using the current business structure and operational control after asset swaps and portfolio adjustments. Methodologies are aligned with the Greenhouse Gas Protocol and the ESRS operational control approach	
Baseline year emissions:	
Emissions	Total (tCO ₂ e)
Scope 1	85.7
Scope 2	0.2
Scope 3 (included sources)	22.2
	4. Upstream transportation and distribution: <0.1
	5. Waste generated in operations: 0.2
	6. Business travel: <0.1
	7. Employee commuting: <0.1
	9. Downstream transportation and distribution: <0.1
Total emissions	108.1

All emissions balance in million metric tons of CO₂
p.124, RWE Annual Report, 2024

Current emissions reporting

Reporting year: 2024	
Emissions	TOTAL (tCO ₂ e)
Scope 1	53.2
Scope 2	0.4
Scope 3 (included sources)	21.8
	4. Upstream transportation and distribution: 0

5. Waste generated in operations: 0.2
6. Business travel: <0.1
7. Employee commuting: <0.1
9. Downstream transportation and distribution: <0.1

Total emissions	75.4
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All emissions balance in million metric tons of CO₂

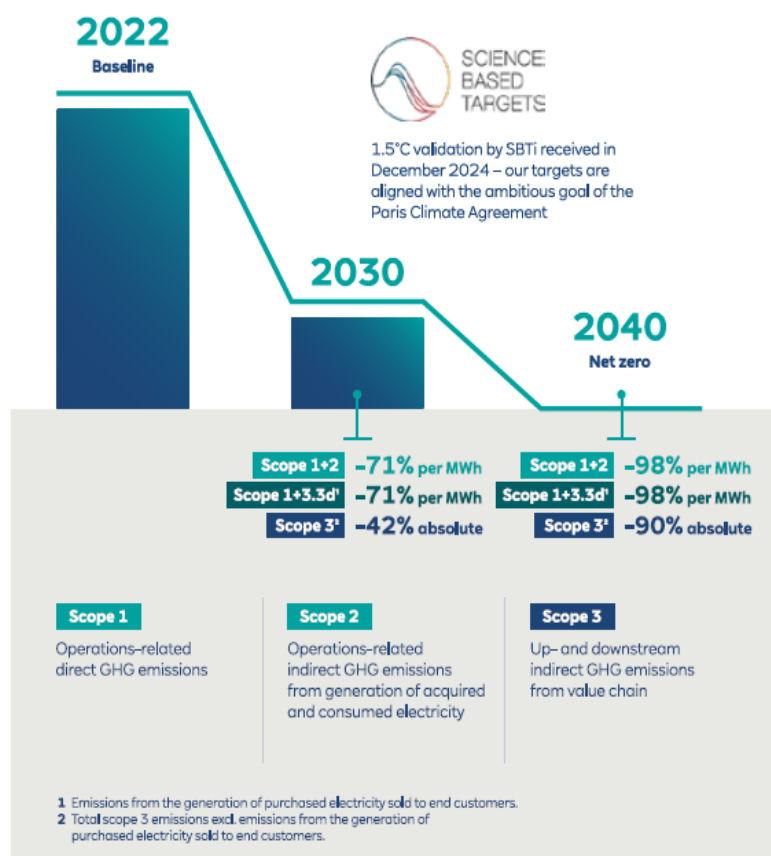
p.124, RWE Annual Report, 2024

Emissions reduction targets

In order to continue our progress to achieving net zero, RWE AG has adopted the following science-based reduction targets (relative to 2022 baseline):

- By 2030:
 - Reduce Scope 1 and 2 intensities by 71.1% per MWh
 - Reduce Scope 1 and 3.3d (generation of purchased electricity sold) intensity by 71.1% per MWh
 - Reduce absolute Scope 3 emissions (excluding 3.3d) by 42% (target: 12.8 million tCO₂e)
 - Estimated absolute Scope 1 and 2 emissions reduced by ~61 million tCO₂e
- By 2040:
 - Reduce Scope 1 and 2 intensities by 98.3% per MWh
 - Reduce Scope 1 and 3.3d intensity by 98.3% per MWh
 - Reduce absolute Scope 3 emissions by 90% (target: 2.2 million tCO₂e)
 - Achieve net zero with any residuals addressed via GHG removal projects and carbon credits

RWE's path to net zero by 2040 is illustrated below;



Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equate to 64.8 million tCO₂e, a 76% reduction against the 2022 baseline, and the measures will be in effect when performing the contract.

Details:

- Phaseout of lignite-fired generation in Germany with permanent shutdown of six power plant units (total capacity 2.4 GW)
- Complete transition of Amer power plant in the Netherlands to 100% biomass
- Decommissioning of hard coal assets in Germany and the United Kingdom
- Expansion of renewable energy sources including offshore and onshore wind, solar, and battery storage
- Implementation of pilot projects such as Siemens Gamesa's GreenerTowers at the Thor offshore wind farm, reducing steel manufacturing emissions by 63% per tower

Future carbon reduction initiatives

In the future we hope to implement further measures such as:

- Retrofitting flexible power generation technologies with carbon capture and storage (CCS) and hydrogen combustion solutions
- Deploying new gas-fired power plants that are hydrogen-ready or equipped with CCS, dependent on technical conditions and suitable economic incentives from the government
- Phasing out the sale of GHG-intensive products and decarbonising major sources of Scope 3 emissions in the value chain
- Procuring and utilising low-carbon input materials such as greener steel, concrete, polysilicon, and glass in the expansion of our portfolio
- Expanding renewable energy generation and storage including onshore and offshore wind, solar, and testing innovative battery technologies
- Implementing resource efficiency and circularity measures, including refurbishment, repair, recycling, and increased use of circular materials through supplier partnerships
- Enhancing biodiversity across all asset life stages through advanced monitoring techniques (e.g., environmental DNA sampling, drones, AI-based cameras), biodiversity restoration programmes, dual utilisation (e.g., agrivoltaics), and targeted planting to support pollinators and other key species
- Setting science-based biodiversity targets and supporting global frameworks such as the Global Biodiversity Framework and the Science Based Targets for Nature, aiming for a net positive impact from 2030 onwards

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹³ and uses the appropriate government emission conversion factors for greenhouse gas company reporting.¹⁴

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.¹⁵

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the supplier:

Name:

Title:

Signature:

Signiert von:

Hendrik Voß

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Date:

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>