



Cabinet Office

CARBON REDUCTION PLAN GUIDANCE

Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier¹ and must meet the reporting requirements set out in supporting guidance, and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. In order to ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard² and Guidance³, and all of the following criteria are met:

- The bidding entity is wholly owned by the parent;
- The commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity;
- The environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract; and
- The CRP is published on the bidding entity's website.

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation's Carbon Reduction Plan may only be a temporary measure under this selection criterion.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

¹Bidding supplier or 'bidding entity' means the organisation with whom the contracting authority will enter into a contract if it is successful.

²Technical Standard can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf

³Guidance can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991623/Guidance_on_adopting_and_applying_PPN_06_21__Selection_Criteria__3_.pdf

Carbon Reduction Plan Template

Supplier name:Total Energies.....

Publication date:March 2024.....

Commitment to achieving Net Zero

TotalEnergies committed to achieving Net Zero emissions by 2050.

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: 2015	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions:	
EMISSIONS	TOTAL (MtCO₂e)
Scope 1	44
Scope 2	2
Scope 3 (Included Sources)	410
Total Emissions	456

Current Emissions Reporting

Reporting Year: 2023 (Jan-23 to Dec-23)	
EMISSIONS	TOTAL (MtCO ₂ e)
Scope 1	34
Scope 2	1
Scope 3 (Included Sources)	355
Total Emissions	390

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

TotalEnergies have a commitment to be a world-class player in the energy transition, and want to do this by producing and selling energy that is affordable, cleaner, reliable, and accessible to the greatest number of people globally. We aim to become carbon net zero by 2050 and has outlined three major steps to meet this ambition (1) to be carbon net zero across TotalEnergies’ worldwide operations by 2050 or sooner, (2) to be Carbon net zero across all production and energy products used by TotalEnergies customers in Europe and (3) 60% or more reduction in the average carbon density in energy products used worldwide by TotalEnergies customers by 2050.

Furthermore, the Company is taking action to: Reduce emissions from its operated industrial facilities (Scope 1+2) by over 40% by 2030 and disclose the progress made at its operated and non-operated facilities and Reduce the indirect emissions related to its products (Scope 3), together with society – i.e., its customers, its suppliers, its partners, and public authorities – by helping to transform its customers’ energy demand.

Progress against these targets can be seen in the graph below:

			Objectives			
			2022	2023	2025	2030
Scope 1+2 Emissions on Operated Activities Net Zero in 2050	Scope 1+2 emissions	Mt CO ₂ e vs 46 Mt in 2015	40 -13%	35 -24%	< 38	25-30 ¹ > -40% ¹
	Methane emissions	kt CH ₄ vs 64 kt in 2020	42 -34%	34 -47%	- 50%	- 80%
Indirect Emissions Net Zero in 2050, together with society	Lifecycle Carbon intensity of energy products sold ² Scope 1+2+3	100 in 2015	- 12%	- 13%	- 15%	- 25%
	Scope 3 Worldwide ⁴	Mt CO ₂ e 410 Mt in 2015 out of which Scope 3 Oil 350 Mt in 2015	389 ³ 254 ¹ -27%	355 227 -34%	< 400	< 400 - 40%

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2015 baseline.

- Development of emissions reduction projects on our industrial sites.
- Use of the best technologies available to improve energy efficiency, reduce flaring, reduce methane emissions, supplying renewable electricity and using CCS for residual emissions.
- Scope 1+2 emissions decreased from 41.5 Mt in 2020 to 37.0 Mt (excluding the impact of Covid) in 2021 thanks to 120 emissions-reduction initiatives carried out across the Company and portfolio management aligned with our strategy. This data includes the commissioning of two combined cycle gas turbine plants.
- Launch of our “Digital Factory” which develops solutions to improve our energy performance.
- Launch of our “CO2 Fighter Squad” who are dedicated to emissions reduction.
- Launch of Go Green Project: to help reduce Scope 2 emissions from electricity purchases.
- Development of electric charging infrastructure.
- Production of high-performance, affordable batteries.

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

- Achieve zero routine flaring by 2030 and less than 0.1 Mm³/d by 2025.
- Invest in emissions-reduction projects (400 projects identified, \$450 million over 2018-2025 in Downstream).
- Decarbonize our electricity purchases in Europe and the United States (Scope 2) by 2025.
- Reduce emissions by 80% from 2020 levels by 2030.
- Maintain methane intensity of operated gas installations below 0.1%.
- Develop a CCS capacity of more than 10 Mt/y by 2030.
- Invest \$100 million a year to develop natural carbon sink capacity of more than 5 Mt/y by 2030.
- Rank among the top 5 producers of renewable electricity (wind and solar).
- Achieve the same customer recognition in electric mobility tomorrow as we have in fuel retailing today
- Focus on projects with low emissions and low technical costs.
- Set the standard for decarbonizing the oil value chains.

- Cement our position among the top 3 in low carbon LNG.
- Set the standard for decarbonizing the gas value chains.
- Develop production of biofuels and biogas.
- Become a major player in the production of clean H2
- Become a producer of e-fuel

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, 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) Standard⁶.

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:

DocuSigned by:
Mark Rose
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Title: sales & Marketing Director

Date: 28-Aug-2024 | 08:42 BST

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>