

# Carbon Reduction Plan

Supplier name: Amazon Web Services EU SARL (UK Branch) ("AWS UK")

Publication date: September 30, 2021

## Commitment to Achieving Net-Zero

AWS UK, as part of Amazon.com, Inc. ("Amazon"), is committed to achieving net-zero emissions by 2040. In 2019, Amazon co-founded [The Climate Pledge](#), a public commitment to innovate, use our scale for good and go faster to address the urgency of the climate crisis to reach net-zero carbon across the entire organization by 2040. Since committing to the Pledge, we've changed how we conduct our business and the running of our operations, and we've increased funding and implementation of new technologies and services that decarbonize and help preserve the natural world, alongside the ambitious goals outlined in The Climate Pledge. We're fully committed to our goals and our work to build a better planet.

## 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: 2020	
Additional details relating to the Baseline Emissions calculations:	
AWS UK utilized January 1, 2020 to December 31, 2020 (CY2020) as the baseline year for emissions reporting under this Carbon Reduction Plan. Our plan includes emissions data from relevant affiliate companies helping to provide AWS UK's services to our customers. We've included both location-based and market-based method Scope 2 emissions in the following tables. AWS UK benefits from contractual arrangements entered into by our affiliate(s) for renewable electricity and/or renewable attributes that are reflected in the market-based data set. More information about our corporate carbon footprint and methodology can be found on our <a href="#">website</a> .	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0
Scope 2	61,346 – <i>Location-based method</i> 2,813 – <i>Market-based method</i>
Scope 3 (Included Sources)	3,770
Total Emissions	65,116 – <i>Location-based method</i> 6,583 – <i>Market-based method</i>

## Current Emissions Reporting

Reporting Year: 2020	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0
Scope 2	61,346 – <i>Location-based method</i> 2,813 – <i>Market-based method</i>
Scope 3 (Included Sources)	3,770
Total Emissions	65,116 – <i>Location-based method</i> 6,583 – <i>Market-based method</i>

## Emissions Reduction Targets

As part of our goal to reach net-zero carbon by 2040, Amazon is on a path to powering our operations with 100% renewable energy by 2025 – five years ahead of our original target of 2030. In 2020, we became the world's largest corporate purchaser of renewable energy, reaching 65% renewable energy across our entire business.

In May 2020, Amazon joined the [Science Based Targets Initiative](#) (SBTi), the industry leader in helping companies set science-based emissions reduction targets. This reaffirms Amazon's commitment to taking a science-based approach to reducing carbon emissions. SBTi is a collaboration between [CDP](#), [World Resources Institute](#) (WRI), [World Wildlife Fund](#) (WWF), and the [United Nations Global Compact](#) (UNGC). It is one of the [We Mean Business Coalition](#) commitments. Amazon will publish our science-based targets in 2022, in accordance with SBTi's target-setting process.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

Amazon continues to take actions across our operations to drive carbon reduction around the world, including in the UK. The market-based Scope 2 emissions reported in the tables above demonstrate the impact of our global renewable energy program on UK emissions. As of September 2021, Amazon announced a total of 234 renewable energy projects globally, including 87 utility-scale wind and solar projects and 147 solar rooftops on facilities and stores worldwide. With more than 10 gigawatts of electricity production capacity announced globally to date, Amazon is on a path to 100% renewable energy by 2025, five years ahead of our original target of 2030. This includes several utility-scale renewable energy projects located within the UK:

- In 2019, we announced our first power purchase agreement in the UK, located on the Kintyre Peninsula in Scotland. The "Amazon Wind Farm Scotland – Beinn an Tuirc 3" began operations in 2021, providing 50 megawatts (MW) of new renewable capacity to the electricity grid and expected to generate 168,000 megawatt hours (MWh) of clean energy annually. That's enough to power 46,000 UK homes every year.

- In December 2020, we announced deals for two phases of a new renewable energy project based in South Lanarkshire, Scotland. Once both phases are complete, “Amazon Wind Farm UK – Kennoxhead” will be the largest single-site onshore wind project in the UK enabled through corporate procurement. The project will produce 129 MW of renewable capacity and is expected to generate 439,000 MWh of clean energy annually. We expect Phase 1 (60 MW) to be completed in 2022 with the second phase (69 MW) to follow in 2024.
- In April 2021, Amazon announced our newest project in the UK, a 350 MW offshore wind farm off the coast of Scotland, expected to be completed in 2024. This is Amazon’s largest project in the country and the largest corporate renewable energy deal announced by any company in the UK to date.

## 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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.<sup>2</sup>

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) Standard.<sup>3</sup>

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

*Darren Hardman*

Darren Hardman, Director of AWS EMEA Sarl (UK Branch)

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Date: September 30, 2021

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<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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