

Carbon Reduction Plan 2023

Supplier name: Artelia Projects UK Ltd

Publication date: 30th April 2024

Commitment to achieving Net Zero

Artelia Projects UK Ltd is committed to achieving Net Zero emissions by 2030.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced before the introduction of any strategies to reduce emissions.

Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	3.21
Scope 2	15.20
Scope 3 Total	154.19 tCO₂e
Total Emissions	172.60 tCO₂e

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1.72
Scope 2	20.69
Scope 3 Total	212.41 tCO ₂ e
Upstream transportation and distribution	Artelia Projects UK Ltd is a consultancy business and consequently has no downstream transportation. Upstream transportation is encompassed within the purchasing of items such as paper through the UK Gov calculator
Waste generated in operations	5.5 tCO ₂ e
Business travel	148.84 tCO ₂ e
Employee commuting	58.07 tCO ₂ e
Downstream transportation and distribution	As a consultancy, downstream transport and distribution is encompassed within the business travel
Total Emissions	234.82 tCO₂e

There has been an increase in carbon produced since the 2021 baseline. Contributory factors to this have been:

- Covid restrictions still in place in 2021 resulted in reduced business travel, commuting, waste, and office electricity usage.
- an increase in 14 members of staff, therefore increasing commuting and business travel which has led to a further .32 tCO₂e per employee since 2021 reporting of 1.57 tCO₂e per employee.
- expansion in projects, requiring greater business travel.

As with previous years, the business travel is an area of high uncertainty as recording figures are based on expenses claims which do not include the specific type of public transport nor the distances covered. It has therefore been necessary to make a reasonable estimate of the costs of public transport per mile and to translate that to a carbon use.

Commuting is also an area of high uncertainty as this varies from one person to another as to how many times per week they go to the office and by the mode of transport. We are putting in place systems of measurement to reduce the areas of uncertainty. Artelia has implemented an online whereabouts system to monitor commuting and changed the expense system to enable greater detail of the type of journey for business travel.

Emissions reduction targets

The projects identified below are a sample of those that have been selected for implementation within the period 2021 to 2025 because they either generally provide the largest proportion of savings or were already planned for delivery as part of an ongoing program of works.

As part of a larger international organisation spanning over 40 countries, Artelia aligns with the carbon emission reduction targets set by Group. By adhering to these shared objectives, we contribute to our collective effort in reducing carbon emissions across our global operations.

As we strategise for carbon reduction, it's crucial to anticipate how potential acquisitions and the post-COVID-19 recovery phase might influence our carbon footprint. Hence, we have factored this into our calculations when determining our carbon reduction target. By proactively addressing the potential impacts of acquisitions and the post-COVID-19 recovery phase on our carbon footprint, we reaffirm our commitment to sustainable growth and environmental stewardship. Through collaborative efforts and innovative solutions, we will continue to drive meaningful progress toward our carbon reduction goals while navigating the evolving landscape of a post-pandemic world.

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets.

Energy

Purchase of energy from renewable and nuclear sources as part of offsetting. This is currently hampered as the electricity supply by the landlord does not have credible REGO certificates. However, our electricity provider, British Gas, has verified that the electricity we utilise is Carbon Trust Verified.

We have implemented energy smart plugs which enable remote control and scheduling of connected devices, promoting energy efficiency and reducing electricity consumption.

Travel/Transport

Company vehicles were phased out by November 2023.

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. Due to an increase in project work and members of staff, business travel has increased since 2021 which was also affected by COVID-19. However, the carbon emission reduction achieved in scope 1 by the phasing out of company fleet has equated to 1.49 tCO₂e, a 46.4%ge reduction against the 2021 baseline.

Completed Carbon Reduction Initiatives

Artelia Projects UK Ltd currently holds ISO14001 certification.

We have signed up to the Science Based Targets initiative (SBTi), to step up our efforts to curb our greenhouse gas emissions.

Artelia, as a group, pledges to decrease absolute greenhouse gas emissions for Scope 1 and 2 by 46.2% by 2030 from the 2019 baseline, and commits to reducing absolute Scope 3 emissions by 27.5% within the same timeframe. Therefore, Artelia UK is dedicated to assisting the Group in reaching these goals by adhering to the same guidelines, which are based on our 2021 baseline, including an annual reduction of 4.2% for Scope 1 and 2 emissions, and 2.5% for Scope 3 emissions.

Energy

We have introduced smart plugs in our offices to reduce energy consumption.

Our current electricity provider (via building landlord), British Gas, has verified that the electricity we utilise is Carbon Trust Verified. However, although there is a list of electricity generation facilities listed with REGO Certificate numbers, a REGO Certificate for the supply is not available, consequently scope 2 remains. Efforts are underway to persuade the landlord to switch to a provider which can issue a REGO certificate.

Travel/Transport

One of the projects the company had for 2023 was the removal of Company cars which was achieved by the end of 2023.

We are continuing to adapt our travel policy by encouraging online meetings whenever possible and giving preference to modes of transport with lower impacts (travelling by train rather than flying, renting electrical vehicles etc.).

Future Initiatives

In the coming years, we aim to implement additional measures aimed at reducing business travel by private vehicles. To support this goal, we have developed a digital platform called "Whereabouts," which requires every staff member to record their weekly travel destinations and modes of transportation. This platform calculates the carbon emissions generated by each journey, providing individuals with insight into their environmental impact. Consequently, we are enhancing the digital platform to promote the use of public transport as a means of reducing carbon emissions.

Additionally, we are currently exploring the possibility of introducing an electric car scheme facilitated by Artelia. This initiative is intended to incentivize our staff to opt for more sustainable modes of travel for business purposes.

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 standard⁷ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁸.

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) Standard⁹.

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:

Sign:



Mark Day
Managing Director

Date: 30th April 2024

⁷ <https://ghgprotocol.org/corporate-standard>

⁸ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁹ <https://ghgprotocol.org/standards/scope-3-standard>