Carbon Reduction Plan

Supplier name: Exponential-e Limited

Publication date 19th February 2024

Commitment to achieving Net Zero

Exponential-e 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 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: 2017	
Additional Details relating to the Baseline Emissions calculations	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO2e)**
Scope 1	Not Applicable - No Scope 1 emissions were recorded in the Baseline. No vehicles are owned by the company, so no mobile combustion occurred. No form of stationary combustion was recorded as no gas is used at company premises for heating or other purposes. Data on fugitive emissions is currently unavailable but Exponential e are currently liaising with the landlord to establish if any leaks from refrigerant systems have occurred.
Scope 2	226.42
Scope 3 **(Included Sources)**	226.42
Total Emissions	436.78

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	**TOTAL (tCO2e)**
Scope 1	Not Applicable - No Scope 1 emissions were recorded in the Baseline. No vehicles are owned by the company, so no mobile combustion occurred. No form of stationary combustion was recorded as no gas is used at company premises for heating or other purposes. Data on fugitive emissions is currently unavailable but Exponential-e are currently liaising with the landlord to establish if any leaks from refrigerant systems have occurred.
Scope 2	69.82
Scope 3 **(Included Sources)**	91.92
Total Emissions	187.45

Emissions reduction targets

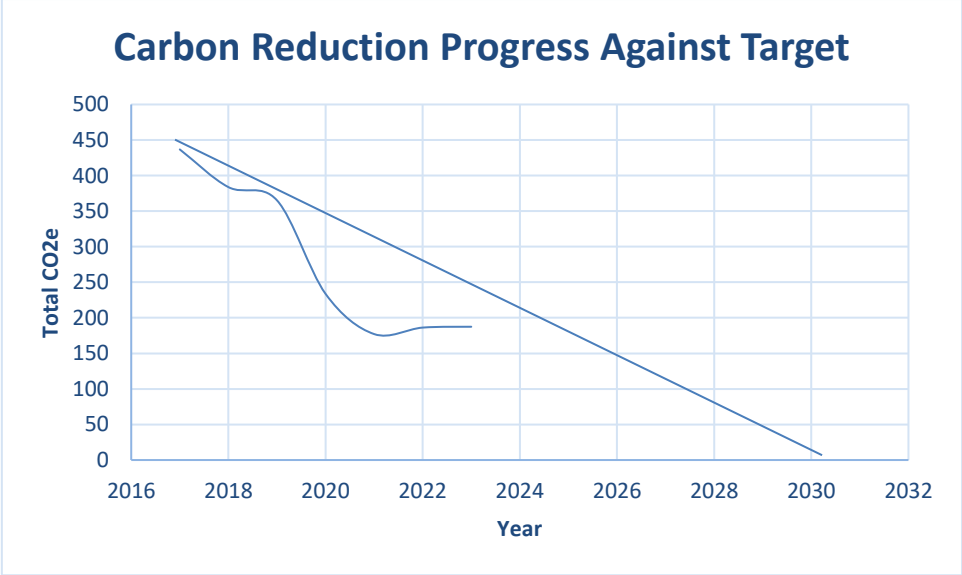
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 87.06 tCO2e by 2027.

This is a reduction of 30%

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

[Instructions to Suppliers: Please insert a graph similar to the example graph below that shows your carbon reduction Projected vs Actual]



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2017 baseline. The carbon emission reduction achieved by these schemes equate to 285.78 tCO2e, a 75% reduction against the 2022 baseline and the measures will be in effect when performing the contract.

Although this is a significant reduction, a more representative comparison that considers the impacts of COVID-19 on emissions are with the 2019 figure. In 2019 emissions fell by 71.49 tCO2e (20%) compared to the 2017 baseline.

The measures that have been taken to reduce emissions will continue to be in effect during the delivery of future contracts and are continually being improved upon.

Exponential-e are certified to ISO14001 – EMS and ISO50001 – EnMS. This enables us to improve our environmental performance through more efficient use of resources and reduction of waste, gaining a competitive advantage and the trust of stakeholders. Continual improvement is a key principle of Exponential-e's operations. This drives the us to seek improved performance in all aspects of the company including carbon management.

Energy

- Investment in latest energy efficient technology for printing. The efficiency of this technology combined with the 'Think before you print' policy also reduces waste associated with printing.
- Energy efficient appliances installed in kitchen facilities. Energy intensive appliances such as toasters and sandwich makers are not permitted.
- Investment in energy efficient lighting and systems to reduce energy efficiency further
- As part of Exponential-e's lease agreement, the landlord has carried out various upgrades that have contributed towards improved energy efficiency of the building. These upgrades include sliding doors, upgraded lifts, filtration on climate control and and upgrade to installed boiler system
- Energy consumption is managed through Exponential-e's ISO 50001 Energy Management System. Each electrical item is itemised, and its associated power consumption recorded.

Waste

- 'Think before you print' and Clean Desk policy introduced to reduce the need for printing and the waste associated with it.
- A single waste bin is located on each floor next to the recycling facilities. This encourages conformity with the waste hierarchy through behaviour changes (proactive reduction in waste creation) and through recycling.
- Appropriate arrangements have been made on each floor to enable to collection of recyclable material
- WEEE is re-used/recycled where appropriate in-line with the waste hierarchy. WEEE is donated to third-world countries where feasible.

Travel

- Exponential-e does not provide company cars. This policy forms part of our effort to encourage employees to use public transport or other alternatives such as cycling to work. To promote the latter, we operate a cycle to work scheme and provide secure bike racks and shower facilities.
- A survey is being developed to identify the types of cars staff use for business travel and commuting. This will highlight the proportion of travel that is carried out by fossil fuels/hybrids/EVs
- Continued use of the hybrid-working model and supporting staff's choice to work from home where appropriate and avoid the need to commute. In-line with our company methods of embracing technological solutions, virtual meetings will continue to be BAU for both day-to-day activities as well as with clients, even on an international scale.
- The business encourages meetings by conference call/webinar wherever possible to reduce carbon emissions.

Procurement

- The business considers the environmental impact of goods and services within procurement processes. Working with suppliers, contractors and indeed clients to lessen the environmental impact of their operations.

Network and Datacentres

- Exponential-e's national network infrastructure and data centres are critical to our core operation. These house our server and switching equipment, as well as our Virtual Data Centre (VDC). Energy efficient practices and reducing our carbon footprint in these facilities play an important role in Exponential-e achieving environmental sustainability. This is ensured as follows:
- All Exponential-e data centre environments are housed with ISO14001 accredited organisations which operate robust environmental management systems.
- Power is procured from sustainable/renewable energy sources wherever possible.
- Ensuring the use of hot/cold aisle cooling design. This methodology is proven to reduce energy consumption as the cooling is more efficient. This approach ensures that both Exponential-e and our clients can reduce their carbon footprint.
- The latest virtualisation technologies are employed to ensure the most efficient use of hardware. Our VDC delivers dedicated processing instead of having multiple, underused physical servers, helping to minimise environmental impact.
- Homeworking practices have been developed to allow homeworking whilst preserving security of company data and access to IT systems.

Planned Carbon Reduction Initiatives

In line with our ISO 14001:2015 environmental policy, we are committed to continually improving our environmental performance and energy efficiency. To support this commitment, we are planning to develop and implement the additional environmental management measures in the future.

Exponential-e have identified water as a significant environmental aspect that requires increased data visibility. Historic arrangements with the landlord have hindered accurate data collection, hence why water is not included within the scope of this CRP. Water use has been removed from monitoring but will be investigated in the future.

Encouraging staff's transition away from fossil fuel powered vehicles and towards hybrids/EVs. This will be supported by liaising with landlords to increase the available charging capacity at company premises. A survey is being developed to gauge what specific vehicles staff use for business travel, this will enable more accurate emission quantification.

Future objectives have been established or considered; however, some of these are delayed due to Covid-19.

- Leman Street Office Expansion & Refurb
- Waste Management
- Conduct CO_2e review of our key products & services
- Develop Social Value & Carbon Reduction Plan which is aligned with Governments PPN requirements.
- Complete National TOMs social value gap analysis
- Align our objectives to United Nations SDG and targets
- Establish SV & CRP monitoring & measures for the supplier chain
- Establish our own Net-Zero metric & measures

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

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.

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:

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Name: Jitesh Bavisi

Title: Director of Compliance & DPO

Date: 19th February 2024