



CARBON REDUCTION PLAN

Supplier name: NUVIA Limited
Publication date: March 2023

Commitment to achieving Net Zero

NUVIA UK is committed to achieving Net Zero emissions by 2050.



Baseline Emissions Footprint

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

Baseline Year: 2018		
Additional Details relating to the Baseline Emissions calculations.		
Baseline year emissions: 2018		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	454	
Scope 2	220	
Scope 3 (Included Sources)	Purchased goods and services	5766.1
	Processing of sold products	Not applicable
	Waste generated in operation	31.02
	Employee commuting	863.67
	Upstream Transportation	Not applicable
	Downstream Transportation	Not applicable
	Business travel	183.42
	Total	6844.21
Total Emissions	7,518.21	

Reporting Year: 2021		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	214	
Scope 2	110.96	
Scope 3 (Included Sources)	Purchased goods and services	5668.3
	Processing of sold products	Not applicable
	Waste generated in operation	31.55
	Employee commuting	615.1
	Business travel	181.69
	Upstream Transportation	Not applicable
	Downstream Transportation	Not applicable
	Total	6496.64
Total Emissions	6821.6	

Current Emissions Reporting

Reporting Year: 2022		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	209	
Scope 2	94.5	
Scope 3 (Included Sources)	Purchased goods and services	6284.98
	Processing of sold products	Not applicable
	Waste generated in operation	30.98
	Employee commuting	617.90
	Business travel	173
	Upstream Transportation	Not applicable
	Downstream Transportation	Not applicable
	Total	7106.86
Total Emissions	7410.36	

Emissions reduction targets

Nuvia Limited, and its parent company Vinci, are committed to cutting its greenhouse gas emissions in line with the 1.5°C scenario of the Paris Agreement. Environmental care has long been important to us. Since 2012, the VINCI Group has reduced its direct CO₂ emissions by 30% from 2009 levels.

The Group is now targeting a 40% reduction in its direct emissions by 2030 (over its historical scope, compared to 2018) and Net Zero by 2050. For scope 3 NUVIA Limited has set 2018 as baseline year with 20% reduction by 2030.

Therefore, for scope 1 and 2 emissions Nuvia Limited have to achieve **404 tCO₂e** by 2030, representing a 40% reduction on the 2018 baseline figure of **674 tCO₂e**.

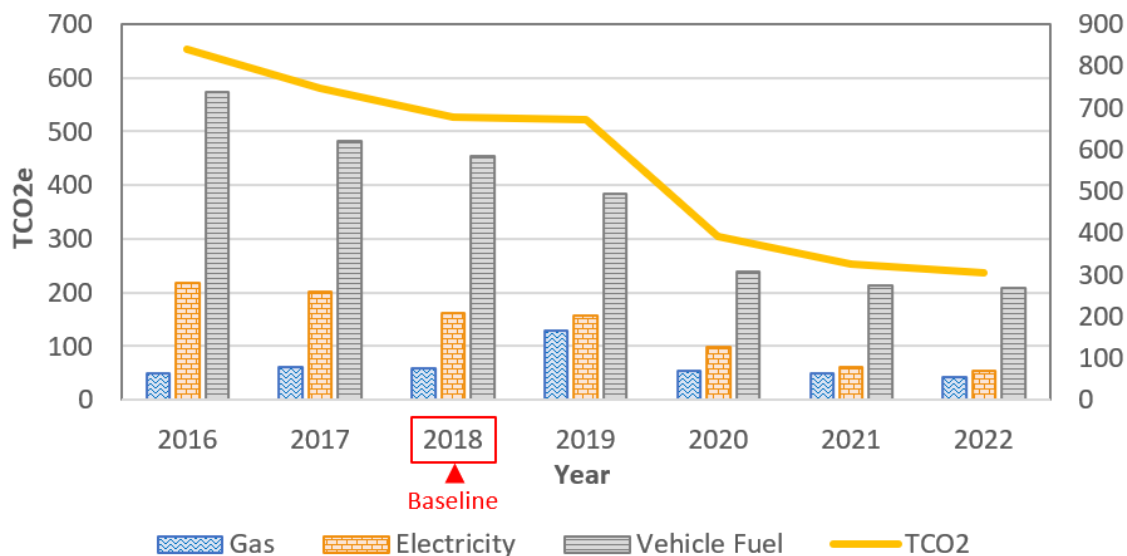
We have achieved more than the 40% reduction for 2020 and 2021 emissions-see the graph and table below. The reduction achieved over 20/21 was probably because of the restrictions during the pandemic.

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

Acting for the climate – Measurement and baseline

Source	2016	2017	2018 BASELINE	2019	2020	2021	2022
Gas	50	61	59	128	55	50.26	41.4
Electricity	218	202	161	158	98	60.7	53.1
Vehicle Fuel	573	483	454	384	239	214	209
tCO ₂ e	841	746	674	670	392	324.96	303.5

NUVIA Tonnes of CO₂ Equivalent (TCO₂e) Scope 1, 2 & 3 Emissions 2016 - 2022



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2018 baseline. The carbon emission reduction achieved by these schemes equate to **324.96 tCO₂e**, a **51.8 %** reduction against the 2018 baseline and the measures will be in effect when performing the contract. This was achieved as result of implementing the actions below.

Recent actions and achievements

Achieved more than 40% Carbon reduction 2019-2020 from Agile working, The use of virtual meeting and Business travel reduction:

- LED Lighting installed at Piddlehinton office and yard
- 100% renewable energy for our electricity consumption
- Electric vehicles availability for staff private vehicles via Vinci Fleet.
- Streamlined Energy and Carbon Reporting (SECR) compliant.
- Environment and Sustainability Manager appointed to lead Net Zero Strategy
- ESOS phase 1 and 2 compliant
- Completed ESOS phase 3 audits
- Carbon Reduction targets set for 2023
- Smaller carbon neutral office by end of Q4 of 2023.

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

Over the next 7-10 years, we will:

- Transition our fleet to Electric Vehicles
- Invest in driver fuel efficiency training and investigate a form of incentive mechanism for good driving behaviour
- Invest in Solar power generators/ Alternative Fuels for projects
- Transition Piddlehinton heating away from natural gas to net-zero alternatives
- Continue to adapt to the new agile way of working, we are planning to move into new, fit-for-purpose premises (Energy Efficient buildings)
- Work with Landlords to install sensors to turn on and off light in our rented office
- Implement of ISO 50001 Energy Management System across our offices
- Implement projects in each office to set its own energy goals and demonstrate continual reductions, with support from our internal sustainability champions
- Investigate and, if viable, add hydrogen and hydrogen-diesel hybrid generators as a plant option
- Ensure plant provides regular reports from telematics data, tracking fuel use and running efficiency
- Communicate our carbon reduction aspirations to our supply chain
- Request that suppliers provide carbon performance data for any supplied plant
- Evaluate and utilise fuel cell and battery generator alternatives where appropriate
- Continue to work with our suppliers within our supply chain to reduce scope 3 emission through a collaborative solution such as initiatives in sustainability
- We will consider changing to supply chain that is also working towards net-zero.

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:

Martin J Goodfellow
Technical & Assurance Director, Nuvia UK

Dated: 31/03/2023



Thomas Jones
CEO, Nuvia UK

Dated: 31/03/2023

