

CARBON REDUCTION PLAN

Supplier name: NUVIA UK
Publication date: May 2024

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

Baseline Year: 2018		
Baseline year emissions: 2018		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	454	
Scope 2	220	
Scope 3 (Included Sources)	Purchased goods and services	5,766
	Processing of sold products	Not applicable
	Waste generated in operation	31
	Employee commuting	864
	Business travel	183
	Total	6,844
Total Emissions	7,518	

Reporting Year: 2021		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	214	
Scope 2	111	
Scope 3 (Included Sources)	Purchased goods and services	5,668
	Processing of sold products	Not applicable
	Waste generated in operation	32
	Employee commuting	615
	Business travel	182
	Total	6,497
Total Emissions	6,822	

Reporting Year: 2022		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	209	
Scope 2	94	
Scope 3 (Included Sources)	Purchased goods and services	6,285
	Processing of sold products	Not applicable
	Waste generated in operation	31
	Employee commuting	618
	Business travel	173
	Total	7,107
Total Emissions	7410	

Current Emissions Reporting

Reporting Year: 2023		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	184	
Scope 2	97	
Scope 3 (Included Sources)	Purchased goods and services	8,438
	Processing of sold products	Not applicable
	Waste generated in operation	35
	Employee commuting	681
	Business travel	157
	Total	9311
Total Emissions	9592	

Emissions reduction targets

NUVIA UK is part of the global NUVIA Group, a subsidiary of VINCI Construction, and a division of the VINCI group are all committed to cutting 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 (Scope 1 and 2) by 2030 (over its historical scope, compared to 2018) and Net Zero by 2050. For scope 3 the Group has set 2019 as baseline year with 20% reduction by 2030.

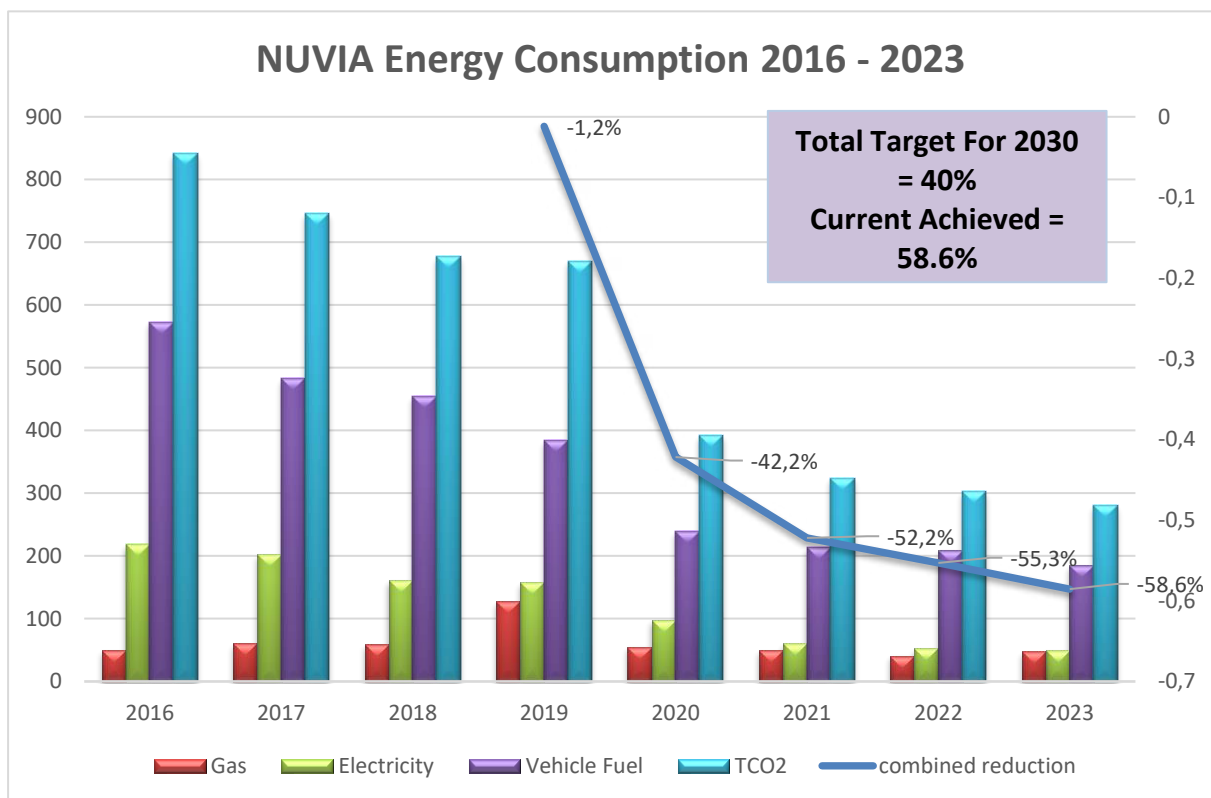
Therefore, for scope 1 and 2 emissions Nuvia UK have to achieve **404 tCO₂e** by 2030, representing a 40% reduction on the 2018 baseline figure of **674 tCO₂e**.

We have achieved more than the 40% reduction for 2020 and 2023 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 table and graph below:

Acting for the climate – Measurement and baseline

Year	Gas	Electricity	Vehicle Fuel	tCO ₂
2016	50	218	573	841
2017	61	202	483	746
2018	59	161	454	674
2019	128	158	384	670
2020	55	98	239	392
2021	50	60	214	324
2022	41	53	209	303
2023	48	49	185	281



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 **281 tCO_{2e}**, a **58.6 %** 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 2019-2023 from greater flexibility about work location (i.e., introduction of blended home/office location), fuel Efficiency measures, the use of virtual meetings and Business travel reduction:

- LED lighting installed and LPG fuel use reduction at Piddlehinton office and yard.
- Fuel efficiency measures rolled out across 4 Business Lines in 2023
- 100% renewable energy for our electricity consumption in both our Risley and Harwell Office
- Relocated into a new energy efficient Office building at Risley.
- Electric vehicles availability for staff private vehicles via Vinci Fleet.
- Streamlined Energy and Carbon Reporting (SECR) compliant.
- ESOS phase 1 and 2 compliant
- ESOS phase 3 audits compliance report submitted to Environment Agency
- Carbon Reduction targets set for 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 in line with VINCI target.
- We will Invest in driver fuel efficiency training and investigate a form of incentive mechanism for safe and efficient driving behaviour.
- Invest in solar power generators / alternative fuels for projects.
- Continue to adapt to the new agile way of working, we will move into new, fit-for-purpose premises (Energy Efficient buildings) for our Oxford location.
- 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
- Scope 3 reduction strategy and implementation in 2024
- Communicate our carbon reduction aspirations to our supply chain.
- Not only communicate but work with our supply chain to support our Net Zero goals.
- 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 selecting supply chain organisations that are committed to 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:



Richard Fearnside
Culture & People Director, NUVIA UK

Dated: 29th May 2024



Tom Jones
CEO, NUVIA UK

Dated: 07 June 2024