

Supplier name: Nissan Motor GB

Publication date: May 2026

Carbon Reduction Plan – SUPPORTING DOCUMENTATION FOR THE UK BASED ON INFORMATION PROVIDED BY NISSAN MOTOR UK

FULL DETAILS OF NISSAN MOTOR DECARBONISATION PLAN CAN BE FOUND AT

[Nissan™ Official UK Website | Discover Our Full Vehicle Range](#)

[Sustainability at Nissan AMIEO | Nissan Sustainability](#)

[Sustainability data book 2025 | Sustainability | Nissan Motor Corporation Global Website](#)

### **Commitment to achieving Net Zero**

Nissan Motors committed to achieving Net Zero emissions by 2050.

### **Executive Summary**

This Carbon Reduction Plan sets out Nissan Motor (GB) Ltd's commitment to achieving Net Zero emissions by 2050, aligned with Nissan Motor Co. Ltd.'s global sustainability strategy and developed in accordance with Procurement Policy Note (PPN) 06/21. The plan is underpinned by verified emissions data and aligned with Nissan Green Program 2030.

The 2018 baseline establishes total emissions of 206,335,327 tCO<sub>2</sub>e, with the majority in Scope 3. By 2021, emissions reduced to 129,975,127 tCO<sub>2</sub>e, demonstrating measurable progress.

Nissan has committed to a 30% reduction in Scope 1 and 2 emissions by 2030 and Net Zero by 2050, supported by electrification, renewable energy adoption and manufacturing efficiency improvements.

### **UK Delivery Statement**

Nissan Motor (GB) Ltd will apply this Carbon Reduction Plan across all relevant UK operations and RM6382 contracts. This includes supplying low and zero emission vehicles, supporting customers in fleet transition, and working with UK partners and suppliers to reduce emissions across the value chain. Key UK initiatives such as EV36Zero will support delivery.

Nissan's EV36Zero initiative, based at the Sunderland plant in the UK, is a key component of the company's approach to decarbonising both

manufacturing and vehicle lifecycle emissions. EV36Zero brings together electric vehicle production, battery manufacturing and renewable energy generation into an integrated ecosystem designed to support carbon neutrality. The programme includes a gigafactory for battery production, renewable energy microgrid solutions, and large-scale electrification of vehicle output, demonstrating Nissan’s commitment to delivering low and zero emission vehicles while reducing emissions across the supply chain. This initiative directly supports the delivery of UK contracts by enabling the provision of electrified vehicle solutions underpinned by lower carbon manufacturing processes.

### 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 emissions: 2022	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	41,673
Scope 2	30,773
Scope 3 (Included Sources)	Unavailable at this time
<b>Total Emissions</b>	

### Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	41,066
Scope 2	33,212
Scope 3 (Included Sources)	Unavailable at this time
<b>Total Emissions</b>	

### Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	36,331
Scope 2	28,600
Scope 3 (Included Sources)	Unavailable at this time
Total Emissions	

### Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	29,839
Scope 2	21,260
Scope 3 (Included Sources)	Unavailable at this time
Total Emissions	

### Reduction in CO<sub>2</sub>e Production Total – 5 Year Scope

<i>Manufacturing Tonnes of CO<sub>2</sub>e per total million tonnes of production</i>	FY21	FY22	FY23	FY24	FY25
<b>Intensity Ratio</b>					
<b>Total tCO<sub>2</sub> per vehicle produced</b>	70890	72,446	74278	64931	51099
<b>Production Volume</b>	181000	260,561	325485	325485	325485
<b>t CO<sub>2</sub> per vehicle</b>	0.39	0.28	0.23	0.20	0.16

Through partnerships with various sectors and collaboration with governments and communities, we will promote the use of renewable and alternative energy sources to reduce CO<sub>2</sub> emissions. With 4R\* including Vehicle-to-everything (V2X), we continue to empower societies with safe energy management solutions.

\* 4R: Battery reuse, refabricate, resell, recycle

As renewable energy and charging infrastructure expand, we will continue to promote the electrification of products and pursue the sustainability of our business activities to realize a carbon-neutral future.

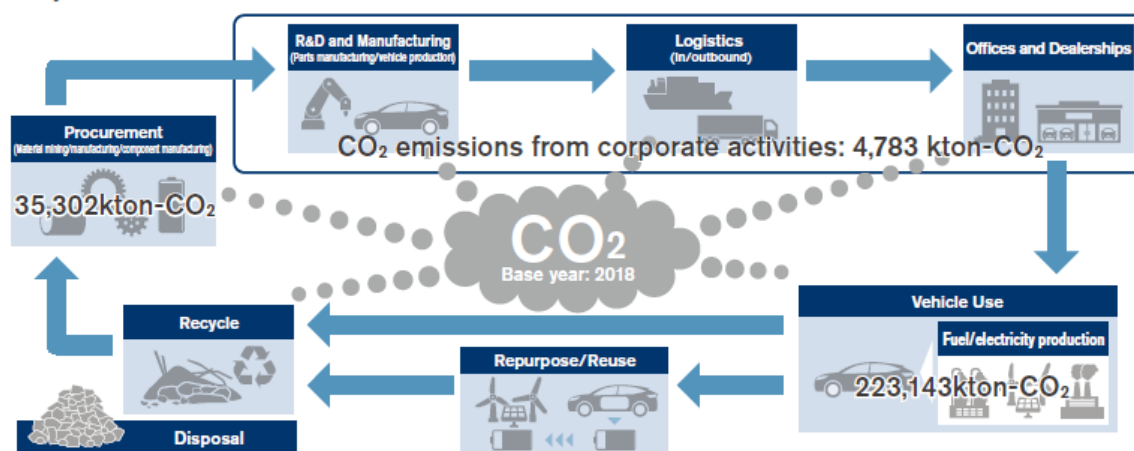
Nissan is actively working on reducing CO<sub>2</sub> emissions across the entire life cycles of its vehicles.

We are promoting the development of new technologies and the introduction of renewable energy in the entire value chain, including suppliers, to achieve CO<sub>2</sub> reduction at every stage, from raw material extraction to manufacturing, transportation, product use, and disposal.

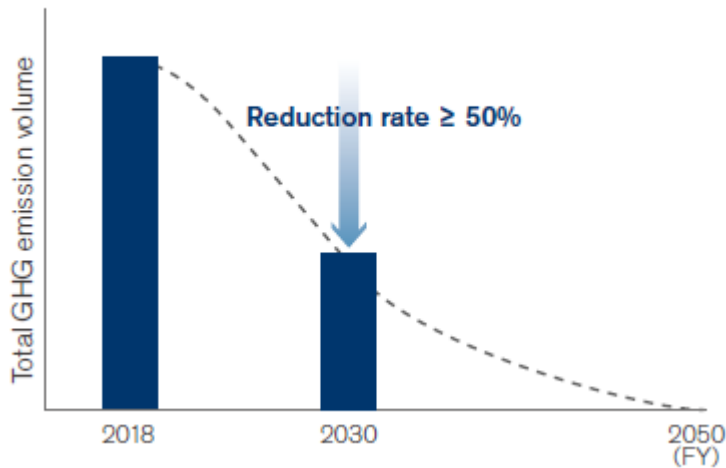
Nissan promotes CO<sub>2</sub> reductions in all areas of business activity, including procurement, manufacturing, logistics, offices, and dealerships and products. Under NGP2030, we set the target of a 30% reduction in CO<sub>2</sub> emissions by 2030 across entire product life cycles.

CO<sub>2</sub> emissions over the life cycles in fiscal year 2024 were reduced by 12% compared with fiscal year 2018.

Life cycle CO<sub>2</sub> emissions



## Long-term vision for Scope 1 and 2



## Renewable Energy Generation - UK

Nissan Motor within the UK, has been measuring the renewable energy created and utilised within our production facilities.

Total Renewable Energy Generation	FY21	FY22	FY23	FY24	FY25
<b>Turbine Generation (MPAN 990000002100)</b>	7,815,076	8,123,542	7,490,550	7,758,911	8,177,832
<b>PV Generation (MPAN 9900000022997)</b>	4,469,357	4,298,308	7,721,536	20,746,258	23,102,276
<b>Total Renewable Energy Generation (kWh)</b>	<b>12,284,432</b>	<b>12,421,850</b>	<b>15,212,086</b>	<b>28,505,169</b>	<b>31,280,108</b>

## Carbon Reduction Projects

Introduction of Vehicle to Grid (V2G) technology in the U.K.

Nissan has announced that it will introduce Vehicle to Grid (V2G) technology in selected EVs in the U.K. from 2026.

This initiative aims to promote the use of renewable energy and contribute to the realization of a sustainable society in support of Nissan's long-term vision, Ambition 2030.

V2G technology enables electricity stored in EV batteries to be used to power homes or sold back into the grid, making it possible to efficiently utilize renewable energy sources such as wind and solar. This will reduce dependence on fossil fuels and contribute to reducing greenhouse gas emissions.

Nissan has gained G99 \*1 Grid code certification, which is a set of technical standards required for connecting power generating devices to the U.K.'s electricity grid, for its power exchange system through a successful demonstration project at The University of Nottingham, enabling power

supply from EVs. This technology promotes the expansion of clean energy use and contributes to the efficiency of regional power infrastructure. Going forward, Nissan will roll out V2G technology across markets in Europe, starting with the U.K., introducing systems in alignment with local infrastructure. In addition, we will offer cost-effective AC-bidirectional chargers to help more customers make use of renewable energy. Through these endeavours, Nissan aims to position EVs not just as a means of transportation, but as integral components of a sustainable energy ecosystem.

### **EV36Zero**

EV36Zero, an electric vehicle (EV) hub to achieve carbon neutrality Nissan is a pioneer in not only the development and production of EVs, but also in comprehensive efforts to utilize the onboard battery as a storage battery and for secondary use, with the aim of achieving carbon neutrality throughout the entire life cycle of a vehicle. In July 2021, we unveiled EV36Zero as the world's first hub to create an ecosystem for electric vehicle (EV) manufacturing to advance the next phase of the automotive industry together with our partners and achieve carbon neutrality in Europe.

- New-generation Nissan electric crossover to be manufactured at the Nissan Sunderland, U.K. Plant
- AESC has built a battery giga-factory with the capability of annual production capacity of 9GWh adjacent to the Nissan Sunderland Plant.
- Renewable energy 'Microgrid' to deliver 100% clean electricity for the Sunderland Plant
- Second-life EV batteries used as energy storage for ultimate sustainability
- This comprehensive project represents 6,200 jobs at Nissan and at its U.K. suppliers

Centered around the plant in Sunderland, U.K., Nissan EV36Zero will supercharge the company's drive to carbon neutrality and establish a new 360-degree solution for zero-emission mobility. The transformational project has been launched with an initial £1 billion investment by Nissan and its partners AESC and the Sunderland City Council. Comprised of three interconnected initiatives, NissanEV36Zero brings together EVs, renewable energy and battery production, setting a blueprint for the future of the automotive industry. The experience and knowhow gained through the project will be shared globally, enhancing Nissan's global competitiveness.



### Nissan Green Program

Key issues and challenges of Nissan Green Program (NGP) medium-term environmental action plan. We first formulated the Nissan Green Program (NGP) medium-term environmental action plan in 2002 to achieve our environmental philosophy of “a Symbiosis of People, Vehicles, and Nature”. This plan aims to ultimately reduce our environmental dependence and impact to levels that nature can absorb toward the ultimate goal of creating value from making a positive impact on the environment.

The fifth-generation NGP2030 plan, formulated in fiscal year 2023, is strengthening and promoting activities toward the realization of a sustainable and harmonious society with nature. Based on materiality analysis, climate change, resource dependency and air quality and water have been identified as important issues under NGP2030.

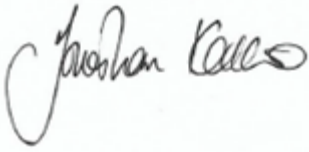
We are committed to addressing these three key issues from a long-term perspective, taking into account both compliance and social demands. To contribute to the resolution of these important issues and create new value, we are working to ascertain needs through stakeholder engagement and strengthening our foundations related to environmental issues.

In setting climate change targets, we estimated long-term CO2 reduction volume based on the latest Intergovernmental Panel on Climate Change (IPCC) reports and set targets using back-casting based on the climate change scenario analysis described above. We will disclose indicators and progress related to material issues every year.

Nissan will accelerate efforts to address environmental issues across the entire company, including development and manufacturing departments involved in vehicle manufacturing as well as sales and service departments.

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in line with the NMGB internally sourced information.

A handwritten signature in black ink, appearing to read "Jonathan Cole", is written over a light blue rectangular background.

**National Public Sector Manager**

Date: 26/05/2026

All data provided and sourced through NMUK, NMGB & Nissan AMEIO.