



### **Carbon Reduction Plan**

Supplier name: Vauxhall Motors Limited, Citroen UK Limited, Peugeot Motor Company PLC and Fiat Chrysler Automobiles UK Limited (together, Stellantis UK, part of the Stellantis Group)

Publication date: 8th March 2024

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

The Stellantis Group (of which Stellantis UK is part) is committed to achieving Net Zero emissions by 2038.

### **Baseline Emissions Footprint**

In order to contribute to the collective global carbon neutrality objective in the most efficient way, the Stellantis Group global strategy is based on energy consumption reduction first, then carbon footprint reduction at the maximum, before balancing residual GHG emissions with carbon removal and additional other compensation solutions if relevant. To achieve this target, a comprehensive, long-term, carbon net zero roadmap has been defined, including an intermediate target of -50% reduction by 2030 versus 2021, based on the following key milestones:

- by 2030, Stellantis Group targets to reduce GHG emissions by -75% on industrial sites and real estate (scope 1 and 2 of GHG protocol) and to use 100% of decarbonized electricity;
- Stellantis Group continues to reduce the Well-to-Wheel CO<sub>2</sub> emissions of its vehicles, due to electrification roadmap, improvement of BEV efficiencies and fuel consumption of remaining ICE vehicles (scope 3 Use of sold products of GHG protocol). By 2030, Stellantis intends to sell 100% BEV for passenger cars in Europe and 50% BEV for passenger cars and light-duty trucks in the U.S.;
- Stellantis Group has actively engaged with its suppliers to reduce the carbon footprint of purchased parts, especially led by an objective of cutting by 40% the carbon footprint of purchased parts of BEV by 2030 (scope 3 Purchased goods and services of GHG protocol).

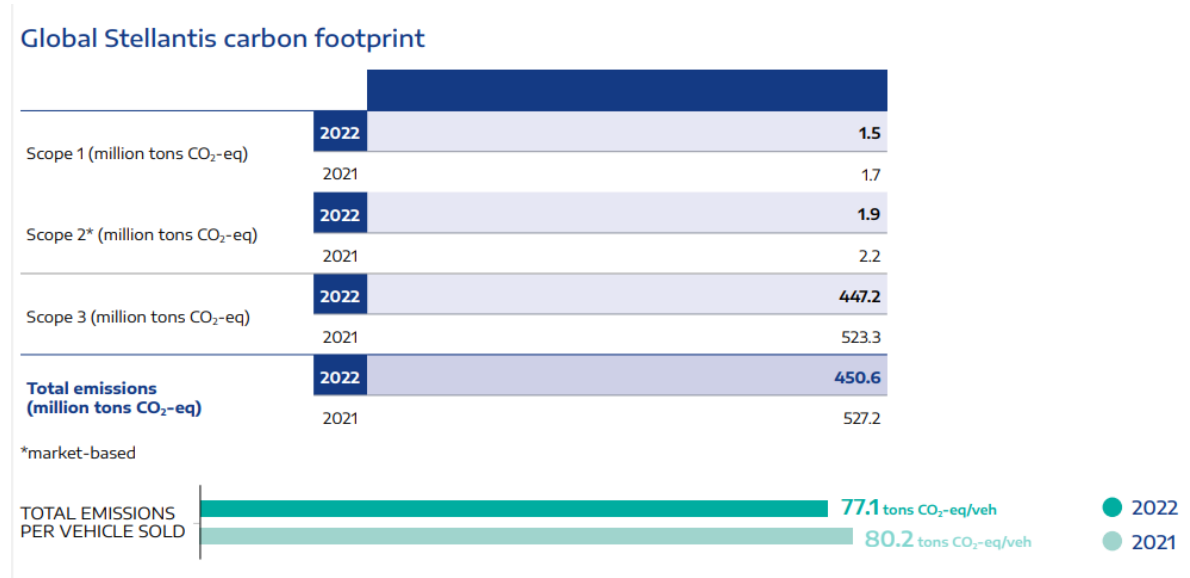
This will allow to keep under control the share of carbon footprint of battery and components production in the context of a global footprint reduction thanks to electrification. These objectives can be reached under the condition that the ecosystem adapts at the right pace and is conducive to electrification (public policies, charging infrastructure, decarbonized electricity, etc.). Considering regulatory orientations are still pending on carbon removal questions, Stellantis Group has engaged an

in-depth screening of mature and emerging technologies - including Spot Source Capture, Direct Air/Ocean Capture, Bio Capture and Storage, Mineral Storage, etc. - to assess the most reliable and impactful carbon removal and storage technologies.

Baseline Year: 2021

This data has been compiled from the 2022 Stellantis Group [Corporate Sustainability Report](#). This report is created and published annually (March) covering the period January 1<sup>st</sup> to December 31<sup>st</sup> 2022.

During 2022 global carbon footprint has reduced by 14.5% in absolute - driven by lower volumes - and by 3.8% in intensity (tons of CO<sub>2</sub>-eq/veh) compared to 2021, achieving a first step towards 2030 objective (-50% tons of CO<sub>2</sub>-eq/veh). Efficiency improvement of vehicles and increase of electrification mix allows to avoid 3.1 tons of CO<sub>2</sub>-eq emissions per vehicle sold during its life cycle in 2022 against 2021.



**Emissions reduction targets**

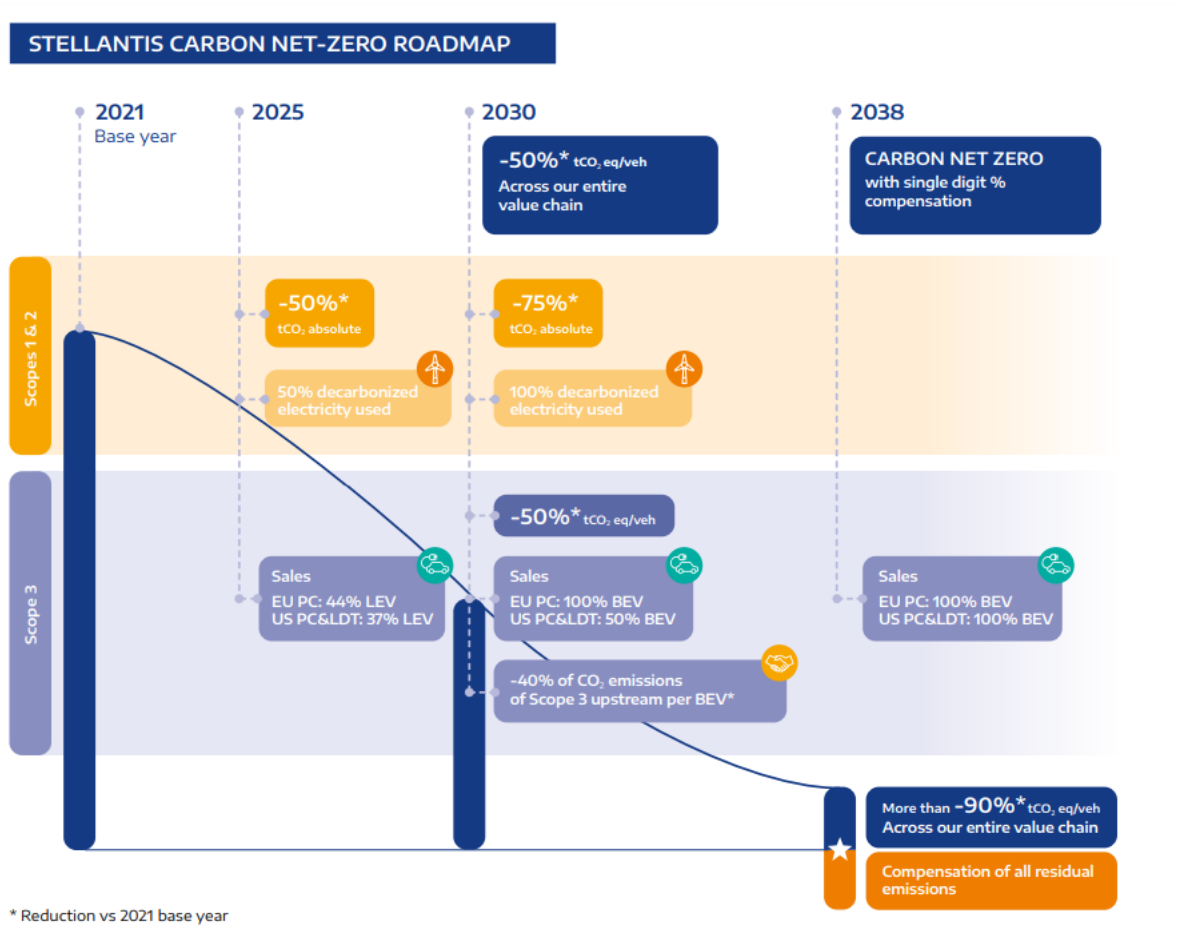
Globally For Scope 1 and 2, Stellantis Group projects that carbon emissions will decrease by 2030 to 968,622 tCO<sub>2</sub>e . This is a reduction of 75% compared to 2021 base year.

Globally For all scopes (Scopes 1, 2, 3), we project that carbon emissions will decrease by 2030 to 263,6 Million tCO<sub>2</sub>e by

Globally for scope 3, we project that carbon emissions will decrease by 2030 to 262,6MtCO<sub>2</sub>e

This is a reduction of 50% compared to 2021 base year.

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



### Carbon Reduction Projects

This Stellantis Group assessment considers the following global carbon footprints:

■ **UPSTREAM ACTIVITIES** including

- all component materials of vehicles manufactured in 2022 from extraction to molding and assembly on the vehicle, using life cycle analysis databases

- the upstream transport
- the work-related travel air trips .
- Car trips being made with company cars are accounted through the use of Stellantis vehicles in Scope 3 downstream activities

■ COMPANY ACTIVITIES include energy consumption in:

- manufacturing plants (assembly plants or components factories)
- tertiary sites
- dealership networks They are derived from GHG (greenhouse gas) assessments carried out at Stellantis plants, tertiary sites and Company-owned dealership network .

■ DOWNSTREAM ACTIVITIES including:

- Tank-to-Wheel CO2 emissions: use of vehicles sold in 2022 according to the CO2 emissions data for each vehicle sold and the following operating criteria:

■ Mileage

- For North America: 225,865 miles (363,643 km) for Passenger Cars and Light Duty Trucks, and 150,000 miles (241,500 km) for Heavy Duty Trucks over 15 years, consistent with EPA Green House Gas regulation
- For Europe and other regions: 50,000 km for micromobility devices, 225,000 km for Passenger Cars and 300,000 km for Light Commercial vehicles over 15 years

■ Real-life consumption assumptions based on regional monitoring, notably for ICE vehicles: +20% against WLTP regulatory CO2 emission value for Europe and +30% against unadjusted EPA fuel Consumption (consistent with EPA label value) for North America

- Well-to-Tank CO2 emissions, corresponding to the impact of the production of:

■ the fuels used by conventional vehicles, evaluated using Life Cycle Assessment (LCA) databases;

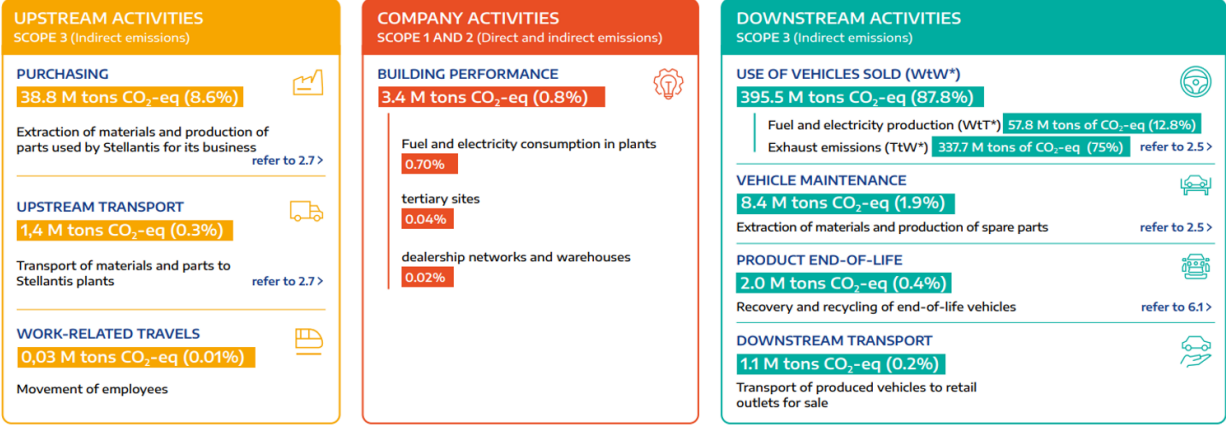
■ the electricity used by the electrified vehicles, evaluated based on actuals and forecasts from LCA databases and International Energy Agency scenarios per region

- the production of spare parts used for the maintenance of the cars, using LCA databases

- the vehicle end-of-life modelled on current processes
- the downstream transport .

Global 2022 Stellantis carbon footprint: main emission items

GRI 302-2



**Completed Carbon Reduction Initiatives**

Globally, Stellantis Group is fully committed to Net Zero across the entire organisation by 2038. Full details of the various projects can be found in the [Corporate Sustainability Report](#)

**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<sup>13</sup> and uses the appropriate Government emission conversion factors for greenhouse gas.

company reporting<sup>14</sup>.

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<sup>15</sup>

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Vauxhall Motors Limited, Citroen UK Limited, Peugeot Motor Company PLC and Fiat Chrysler Automobiles UK Limited (together, Stellantis UK, part of the Stellantis Group), have referred to the carbon reduction plan at a global level in the completion of this document for the UK. We have measured multiple processes and consumptions at a global level using a variety of averages and conversion factors and with this in mind, we acknowledge that appropriate emission conversion factors in this context have been used and is not only based on UK conversion criteria. More detail is available in the [Corporate Sustainability Report](#).

Signed on behalf of the Supplier:

A handwritten signature in black ink, appearing to be 'M. P. S.', written in a cursive style.

.....

Date: 8<sup>th</sup> March 2024