



Achilles

Carbon Reduce Certified

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# SUMMARY OF CARBON REDUCE CERTIFICATION <sup>i</sup>

FOR Skanska UK PLC

**SKANSKA**

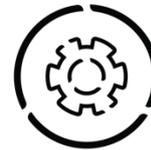
Summary for 01 January 2023 to 31 December 2023

## CARBON REDUCE ORGANISATION CERTIFIED: SKANSKA UK PLC

Carbon Reduce certified means committing to ongoing reductions while achieving annual measurement for at least the Toitū mandatory<sup>ii</sup> emissions.



Measured emissions to ISO  
**14064-1:2018** and Programme  
requirements



Managing and reducing against  
Programme requirements

This report provides a summary of the annual greenhouse gas (GHG) emissions inventory and management report for Skanska UK plc as part of the annual work to achieve Carbon Reduce certification. Additional details of the annual achievements, commitments, and verification are available on request from Skanska UK plc.

### ACHIEVEMENTS

These achievements have been verified in line with ISO 14064-3:2019 and Carbon Reduce Programme Technical Requirements for the 01 January 2023 to 31 December 2023 measurement period.

### EMISSIONS MEASUREMENT

Skanska UK PLC's greenhouse gas emissions for this year (01 January 2023 to 31 December 2023) were 7,090.04 tCO<sub>2</sub>e. Skanska UK plc has measured the emissions resulting from its operational activities, purchased energy, and selected impacts from its value chain activities, including business travel, freight, and waste sent to landfill.

The annual inventory is detailed in the following table. Emissions and reductions are reported using a location-based methodology.<sup>iii</sup>

Category (ISO 14064-1:2018)	Scopes (GHG Protocol)	GHG emissions (tCO <sub>2</sub> e)		
		Base Year 2010	Previous Year 2022	Current Year 2023
Category 1: Direct emissions	Scope 1	22,070.34	2,802.03	2,461.14
Category 2: Indirect emissions from imported energy (location-based method*)	Scope 2	11,098.70	1,851.42	3,146.83
Category 3: Indirect emissions from transportation	Scope 3	2,678.12	945.50	642.13
Category 4: Indirect emissions from products used by organisation		2,789.84	344.67	839.93
Category 5: Indirect emissions associated with the use of products from the organisation		0.00	0.00	0.00
Category 6: Indirect emissions from other sources		0.00	0.00	0.00
Total gross emissions*		38,637.00	5,943.62	7,090.04
Category 1 direct removals		0.00	0.00	0.00
<b>Total net emissions</b>		<b>38,637.00</b>	<b>5,943.62</b>	<b>7,090.04</b>

\*Gross and net emissions are reported using a location-based methodology. Contact Skanska UK PLC for full details.

The operational GHG emission sources included in this inventory are shown in Figure 1 below.

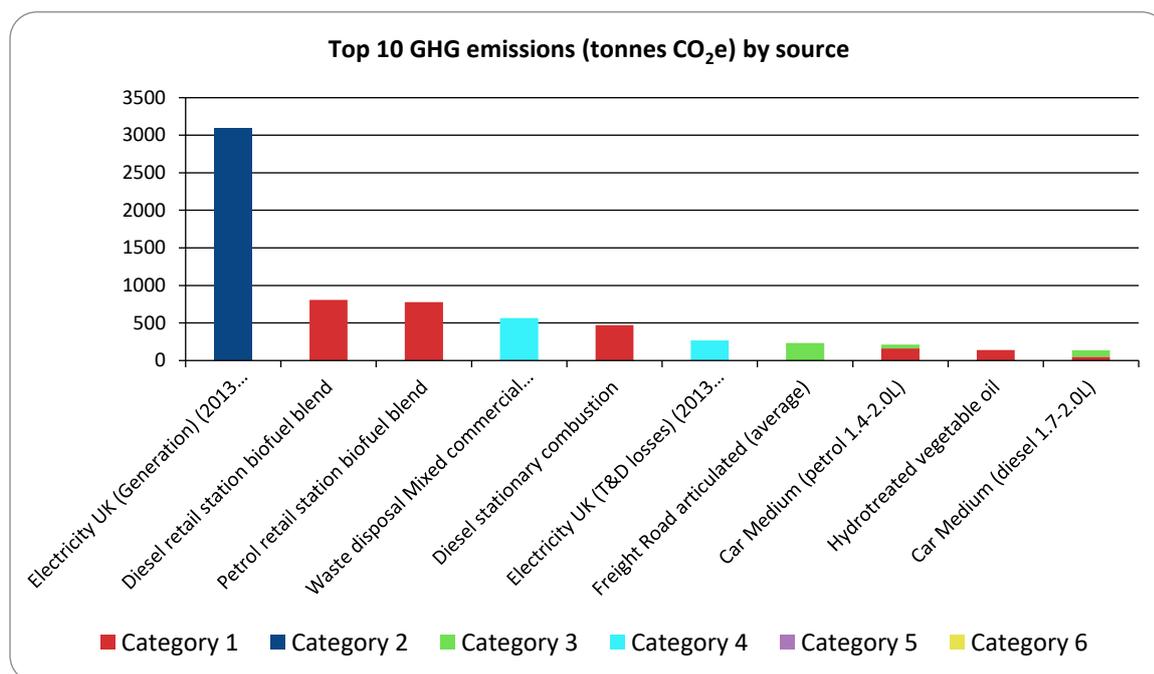


Figure 1: Top 10 GHG emissions (tonnes CO<sub>2</sub>e) by source

## SCOPE OF MEASURED INVENTORY

### CONSOLIDATION APPROACH

An operational control consolidation approach was used to account for emissions. Organisational boundaries were set with reference to the methodology described in the GHG Protocol and ISO 14064-1:2018 standards.<sup>iv</sup>

## BOUNDARIES

# Carbon Reporting Boundaries for Skanska UK – 2023

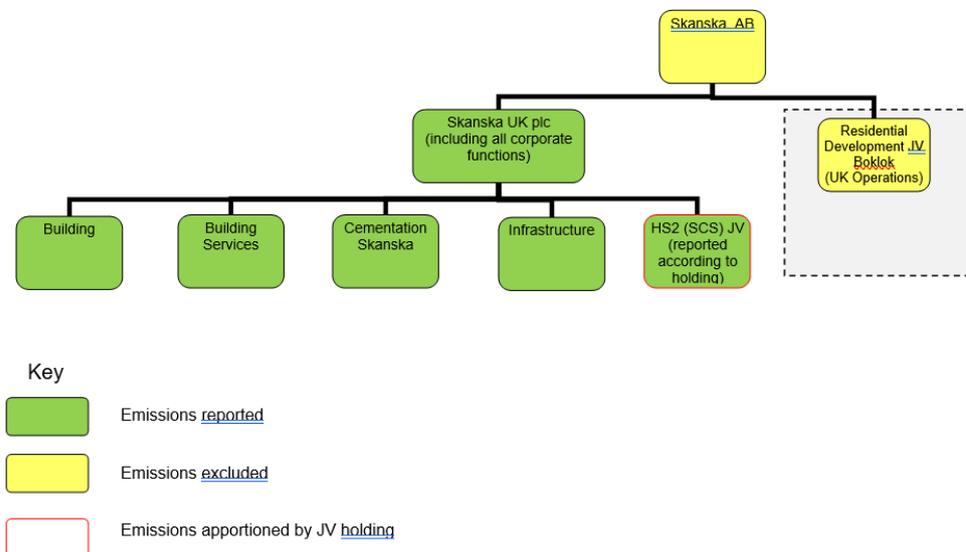


Figure 2: Organisational structure showing business units included and excluded

Boklok is an external JV focusing on residential development and is a separate Business Unit within Skanska and not part of Skanska UK. Boklok is covered by Skanska Group GHG reduction targets but reports separately from Skanska UK. Excluded emissions do not exceed 5% of the total footprint within the organisation boundary stated.

## Managing and reducing

This is the 14<sup>th</sup> year of reporting under the Toitū carbonreduce programme. An absolute reduction in Category 1 and 2 emissions of 23,589.89 tCO<sub>2</sub>e has been achieved against base year. A reduction in emissions intensity (for Category 1, 2 and mandatory Category 3 and 4 emissions) of 19.93tCO<sub>2</sub>e/£M has been achieved based upon a 5-year rolling average, adjusted for inflation.

## COMMITMENTS

### Reduction targets

Skanska UK plc is committed to managing and reducing its emissions. Skanska UK plc's commitments, including GHG emissions reduction targets and plans, have been reviewed and are in line with Toitū Carbon Reduce programme requirements.

Looking ahead, Skanska UK PLC is currently focused on the following projects.

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
HVO policy - Skanska UK carbon reduction plan reference Fleet and Plant	Switch new construction projects to HVO supply	Skanska procurement category manager	ongoing	improved air quality as HVO is a cleaner burn fuel	Supply of fuel could impact on land use or have secondary impacts in the waste vegetable oil supply chain	Regular sustainability review with supply chain
Hydrogen trial - Skanska UK carbon reduction plan reference Fleet and Plant	Test hydrogen technology to Cementation Skanska Piling rig	Cementation plant manager, Skanska innovation team	31/12/2022	improved air quality	source of hydrogen could be derived from high carbon feedstock	Green hydrogen requirement
Skanska Electric First policy - Skanska UK carbon reduction plan reference Fleet and Plant	implement electric first car policy to company car fleet	Skanska Fleet Manager	31/12/2024	improve air quality	construction site grid connection can sometimes be difficult	ongoing review

## CERTIFICATE DETAILS

<b>Certification status:</b>	Carbon Reduce certified organisation
<b>Certificate number:</b>	2023134J, Year 2 of 3 year certificate period
<b>Valid until:</b>	27 April 2026
<b>Measurement period:</b>	01 January 2023 to 31 December 2023
<b>Base year:</b>	01 January 2010 to 31 December 2010
<b>Audited by:</b>	Achilles Assessment Services (UK)
<b>Level of assurance:</b>	Limited

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<sup>i</sup> © Enviro-Mark Solutions Limited 2020.

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<sup>ii</sup> The mandatory sources that must be included in any Carbon Reduce Programme inventory include:

- All direct emissions from the activities of the organisation, or the part of the organisation being certified. Direct emissions come from assets owned or controlled by the organisation, such as emissions from fleet vehicles, boilers, generators and HVAC systems.
- All emissions from imported energy (electricity, heat and steam)
- Emissions from business travel and freight paid for by the organisation
- Emissions associated with waste disposed of by the organisation, as well as the transmission and distribution of electricity, and natural gas

<sup>iii</sup> All purchased and generated energy emissions are dual reported using both the location-based method and market-based method in the certified Inventory Report and appendices. This summary document presents the information using the location-based method. Note that reductions and any required compensation are assessed using that method. Dual reporting illustrates the role of supplier choice, onsite renewable energy generation and contractual instruments in managing indirect emissions from energy alongside any ongoing energy efficiency and reduction efforts. This dual reporting aligns with ISO 14064-1:2018 and the GHG Protocol. Please contact this organisation for the dual reporting details applicable to this inventory.

<sup>iv</sup> Control: the organisation accounts for all GHG emissions and/or removals from facilities over which it has financial or operational control. Equity share: the organisation accounts for its portion of GHG emissions and/or removals from respective facilities.