

**LivaNova UK Limited**

**Publication date:** 19 April 2023

## **Commitment to achieving Net Zero**

LivaNova UK Limited, the parent company, LivaNova PLC and its subsidiaries (LivaNova), are committed to achieving Net Zero carbon emissions by 2050, at the latest.

The Net Zero commitment is supported, adopted, and will apply to LivaNova UK Limited, a wholly owned subsidiary of LivaNova PLC.

To access LivaNova's sustainability site, please click [here](#).

## **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: 2022**

**Additional Details relating to the Baseline Emissions calculations.**

During March 2023, LivaNova, including LivaNova UK Limited, set its ambition to be Net Zero by 2050, at the latest.

The 2022 baseline year emissions reported below are the Scope 1, Scope 2, and selected Scope 3 emissions of LivaNova UK Limited only.

Historically, LivaNova only reported Scope 1 and Scope 2 emissions from its eight (8) manufacturing and major operating sites, and the UK-specific emissions in line with the Streamlined Energy and Carbon Reporting (SECR) requirements. Scope 3 emissions specific to business travel with employee-owned or leased vehicles or travel with leased/rented cars were also reported. Further details on LivaNova PLC's greenhouse gas (GHG) report can be found in our [UK Annual Report](#).

**Baseline year emissions: 2022 (LivaNova UK Limited)**

<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>		
<b>Scope 1</b>	<b>92.17</b>		
<b>Scope 2</b>	<b>11.47</b>		
<b>Scope 3</b> <b>(Included Sources)</b>	<b>418.34</b>		
	Our Scope 3 emissions subset:		
	<b>Category</b>	<b>Activity</b>	<b>tCO<sub>2</sub>e</b>
	3: UK grid electricity transmission and distribution	Building	1.05
	4: Upstream transportation and distribution	Transport & Distribution	263.35
	5: Waste generated in operations	Waste water	0.02
	5: Waste generated in operations	Commercial waste	0.13
	6: Business travel	Hotel stay	8.10
	6: Business travel	Air travel	65.34
	6: Business travel	Land travel - Rental cars	0.11
	6: Business travel	Land travel - Rail	3.39
	7: Employee commuting	Commuting	7.33
	7: Employee commuting	Homeworking	3.68
	9: Downstream transportation and distribution	Transport & Distribution	65.84
			<b>418.34</b>
<b>Total Emissions</b>	<b>521.98</b>		

## Current Emissions Reporting

Reporting Year: 2022 (LivaNova UK Limited)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	92.17
Scope 2	11.47
Scope 3 (Included Sources)	418.34 Our Scope 3 breakdown is indicated in the baseline year emissions above.
<b>Total Emissions</b>	<b>521.98</b>

## Emissions reduction targets

During March 2023, LivaNova, inclusive of LivaNova UK Limited, has committed to achieving Net Zero GHG emissions by 2050 at the latest, as indicated below.

- Net Zero emissions across global and UK operations by 2050 at the latest (Scope 1 and Scope 2)
- Net Zero emissions across our full value chain by 2050 at the latest (Scope 3)

To track our progress to achieving Net Zero, LivaNova, inclusive of LivaNova UK Limited, have adopted the following near-term targets.

- **Scope 1 and Scope 2:** 54.6% reduction by 2033 vs 2022 baseline year, based on the “limiting warming to 1.5°C” aligned pathway.
  - Scope 1 = 92.17 tonnes CO<sub>2</sub>e and Scope 2 = 11.47 tonnes CO<sub>2</sub>e in 2022
- **Scope 3:** 27.5% reduction by 2033 vs 2022 baseline year, based on the “limiting global warming to well-below 2°C” aligned pathway.
  - Scope 3 = 521.98 tonnes CO<sub>2</sub>e in 2022

Our target setting method is based on the absolute contraction approach of science-based target setting.

Progress against these targets will be reported from 2023 onward.

# Carbon Reduction Projects

## Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed.

- LivaNova UK Limited operates an Environmental Management System accredited to ISO 14001:2015, which was first certified during July 2010 and the current certificate is valid until June 2025.
- LivaNova UK Limited also operates a Business Continuity Management System accredited to ISO 22301: 2012 and a Quality Management System accredited to ISO 9001: 2015.
- In partnership with our waste management provider, LivaNova UK Limited has maintained a Zero Waste to Landfill status since December 2017 at their Gloucester head office.
- LivaNova established a global ESG (Environmental, Social and Governance) Task Force during 2020, focused on establishing a comprehensive program to optimise our ESG efforts with full support from the executive team.
- Several of our global sites have retrofitted their lighting systems to LED lighting with PIR controls.
- Hybrid vehicles currently represent approximately 10% of our European fleet and we have installed EV charging stations at multiple sites.
- LivaNova allows a large number of non-essential office employees to work in a hybrid remote environment, directly decreasing the energy consumption and associated emissions required for employees to commute to and from work.

Going forward, we will be investigating and implementing further carbon reduction initiatives and projects to support our Net Zero drive, such as:

### **2023:**

#### **LivaNova UK Limited:**

- Review the recommendations from our ESOS Phase 3 report, set short term targets and associated action plans to achieve the near-term targets.
- Benchmark building energy consumption and associated GHG emissions.

#### **Global operations, including LivaNova UK Limited:**

- Initiate Metering, Monitoring and Targeting (MM&T) and energy audits at our energy intensive manufacturing plants, to identify and develop energy reduction measures.
- Review and update key business policies and procedures to ensure that business practices are aligned and supportive of our Net Zero commitment.
- Develop a supplier engagement programme to drive Scope 3 emission reduction from our supply chain.

## **2024 onward:**

### **Global operations, including LivaNova UK Limited:**

- Expand Scope 3 GHG inventory for LivaNova UK Limited and LivaNova to cover all 15 Scope 3 categories.
- Increase use of certified renewable energy, such as in our electricity supply agreements
- Transition owned and/or controlled fleet to hybrid/battery electric vehicles.
- Develop costed Net Zero Carbon (NZC) business plans.
- Complete onsite renewable assessments for energy intensive plants/buildings.
- Develop a NZC pathway inclusive of milestones.

## **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>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</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>3</sup>.

The environmental measures and near-term targets set out above will be applied in the performance of the contract by LivaNova UK Limited.

This Carbon Reduction Plan was approved by the Board of Directors of LivaNova PLC on 19 April 2023.

Director           /s/ William Kozy            
William Kozy

Date: 19 April 2023

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>