

Carbon Reduction Plan

Supplier name: LivaNova UK Limited

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URL: <https://livanova.com/getmedia/8a4b2bdb-1b6d-4d09-948a-df1d01ce24d4/2023-carbon-reduction-plan.pdf>

Commitment to achieving Net Zero

LivaNova UK Limited, the parent company LivaNova PLC and its subsidiaries (together “LivaNova PLC” or the “Company”), 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.

Baseline Emissions Footprint

Baseline Year: 2022 (LivaNova UK Limited)		
Additional Details relating to the Baseline Emissions calculations.		
The 2022 baseline year emissions reported below are the Scope 1, Scope 2, and selected Scope 3 emissions for LivaNova UK Limited.		
During the 2023 emissions data review, the Company discovered that the 2022 Scope 3 category 4 and 9 (Upstream/Downstream transportation and distribution) emissions had been erroneously overstated due to a conversion (in units) error. Last year, the 2022 total Scope 3 emissions reported was 418.41 tCO ₂ e – it should have been 240.83 tCO ₂ e. The baseline data has been corrected to account for this error.		
Baseline year emissions: 2022 (LivaNova UK Limited)		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	92.17	
Scope 2	11.47	
Scope 3 (Included Sources)	240.83	
	Scope 3 emissions subset:	
	Category	Activity
	3: UK grid electricity T&D	Building: 1.05

	4: Upstream transportation and distribution	Transport & Distribution	121.28
	5: Waste generated in operations	Wastewater	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 - Grey fleet	0.08
	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	30.32
			240.83
Total Emissions – tCO₂e	344.47		

Current Emissions Reporting

Reporting Year: 2023 (LivaNova UK Limited)			
EMISSIONS	TOTAL (tCO₂e)		
Scope 1	71.95		
Scope 2	4.22		
Scope 3 (Included Sources)	383.17		
	Scope 3 emissions subset:		
	Category	Activity	tCO₂e
	3: UK grid electricity T&D	Building:	0.36
	4: Upstream transportation and distribution	Transport & Distribution	133.98

	5: Waste generated in operations	Wastewater	0.01
	5: Waste generated in operations	Commercial waste	0.12
	6: Business travel	Hotel stay	8.71
	6: Business travel	Air travel	192.37
	6: Business travel	Land travel - Rental cars	0.23
	6: Business travel	Land travel - Grey fleet	0.45
	6: Business travel	Land travel - Rail	3.34
	7: Employee commuting	Commuting	6.93
	7: Employee commuting	Homeworking	3.17
	9: Downstream transportation and distribution	Transport & Distribution	33.50
			383.17
Total Emissions - tCO₂e	459.34		

Emissions reduction targets

In April 2023, LivaNova PLC and its subsidiaries, including LivaNova UK Limited, set the commitment to achieve Net Zero GHG emissions by 2050 at the latest, as indicated:

- Net Zero GHG emissions across all global and UK operations by 2050 at the latest (Scope 1 and Scope 2)
- Net Zero GHG emissions across the Company's full value chain by 2050 at the latest (Scope 3)

Further details on LivaNova PLC's Greenhouse Gas (GHG) emissions and ongoing efforts to reduce emissions can be found in the Company's [UK Annual Report](#) and on the [LivaNova Sustainability webpage, Planet](#).

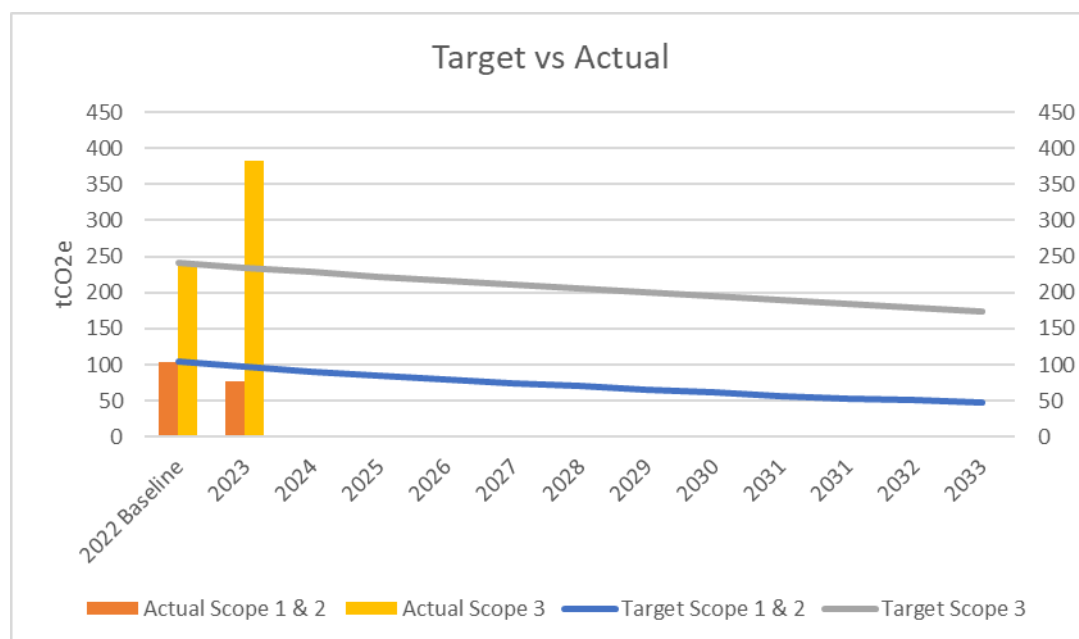
To track initial progress towards achieving Net Zero, LivaNova UK Limited adopted the following near-term targets:

- 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 tCO₂e and Scope 2 = 11.47 tCO₂e 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 (subset reported herein) = 240.82 tCO₂e in 2022

The Company's target setting method is based on the absolute contraction approach of science-based target setting.

LivaNova UK Limited's progress against these targets can be seen in the graph which follows. Scope 1, Scope 2 and a sub-set of Scope 3 emissions are indicated in the baseline and current year dataset below:

Total Carbon: Projected vs Actual



While the Scope 1 and 2 reductions are within the targets that were set, Scope 3 (subset) emissions were above target. The primary driver for this was a significant increase in the amount of business air travel in 2023 as compared to the previous year. The increase was due to more face-to-face meetings held with key stakeholders, which had not occurred at such a level since before the pandemic. Per the below, the Company is committed to reviewing its use of business air travel to assess if opportunities exist to reduce air travel moving forward.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed.

LivaNova UK Limited:

- LivaNova UK Limited operates an Environmental Management System accredited to ISO 14001:2015, which was first certified in July 2010. The current certificate is valid until June 2025.

- LivaNova UK Limited operates a Business Continuity Management System accredited to ISO 22301: 2012, which was first certified in July 2010. The current certificate is valid until June 2025.
- LivaNova UK Limited operates a Quality Management System accredited to ISO 9001: 2015, which was first certified in July 2010. The current certificate is valid until June 2025.
- In partnership with the Company's waste management provider, LivaNova UK Limited has maintained a Zero Waste to Landfill status at its Gloucester head office since December 2017.
- Completed an independent ESOS audit of the Company's UK locations and as a result, identified opportunities for further research and improvement.

Global Operations including LivaNova UK Limited:

- LivaNova PLC appointed a Senior Director of Sustainability in 2023 to manage the Company's sustainability efforts and administer the governance structure, which includes executive team partnership, engagement with a Steering Committee body, and the cross-functional Environmental, Social, and Governance (ESG) Task Force. The ESG Task Force is comprised of senior leaders and other key stakeholders across the Company who lead ESG focus areas or whose work is informed by ESG.
- LivaNova PLC's Houston and Munich manufacturing sites now use 100% certified renewable electricity.
- Several LivaNova PLC sites have retrofitted lighting systems to LED lighting with PIR (passive infrared sensor) controls.
- LivaNova PLC continues to add hybrid vehicles to our European fleet and the Company has installed EV charging stations at multiple sites.
- LivaNova PLC allows certain non-essential office employees to work in a hybrid remote environment, directly decreasing the energy consumption and associated emissions related to employee commuting.
- LivaNova PLC introduced global use of contactless digital business cards in 2023, reducing paper usage.

Going forward, the Company will continue to explore further carbon reduction initiatives and projects to support the Company's Net Zero commitment, including:

2024:

LivaNova UK Limited:

- Reviewing the recommendations from the Company's ESOS Phase 3 report and setting short term targets and associated action plans to achieve the near-term targets.
- Benchmarking building energy consumption and associated GHG emissions.
- Evaluating the use and need for air travel to determine if opportunities to reduce or use other means of travel exists.

Global Operations including LivaNova UK Limited:

- Continuing to review and update key business policies and procedures to ensure that business practices are aligned and supportive of LivaNova PLC's Net Zero commitment.
- Identifying further opportunities to increase use of renewable energy.

- Adding carbon emissions data to the LivaNova PLC travel booking tool to improve visibility into emissions involved with travel.
- Increasing transparency of packaging recyclability and reusability and developing an action plan to reduce wastes and decrease emissions associated with end of life, collaborating with suppliers and customers.

2025 onward:

Global Operations including LivaNova UK Limited:

- Expanding Scope 3 GHG inventory for LivaNova UK Limited and LivaNova PLC.
- Developing a supplier engagement programme to drive Scope 3 emissions reduction from the Company's supply chain.
- Transitioning owned and/or controlled fleet to hybrid/battery electric vehicles.
- Decarbonizing the Company's supply chain and logistics by improving logistics delivery patterns with customers and distributors and other supply network optimizations.
- Developing costed Net Zero Carbon (NZC) business plans.
- Completing onsite renewable assessments for energy intensive plants/buildings.
- Developing 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 standard¹ and uses the appropriate Government emissions conversion factors for greenhouse gas company reporting².

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) Standard³.

/s/ Vladimir Makatsaria
Chief Executive Officer
17 April 2024

Date: Approved 17 April 2024 by the LivaNova Board of Directors

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

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

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