

# Green House Gas Report

2023



# Executive Introduction

At LIFTE H2, the environment and especially the battle against climate change is very close to our heart. While we aim to keep our emissions from operations as low as possible, it is not always possible with today's constraints to get these emissions to zero.

Therefore, we have compiled our Greenhouse Gas (GHG) Report, taking stock of how we are doing and as an incentive to further improve our operations and our way of doing business. As a small engineering company, we are deeply committed to the United Nations Global Compact's mission to align business operations with universal sustainability principles and contribute to the global goal of reducing greenhouse gas emissions.

At the same time, being a small company located in Germany also means that we will not have written policies for all aspects that UN global Compact is covering; we see many of those covered with our compliance to National and European legislation.

In this report, we primarily focus on our efforts to reduce CO<sub>2</sub> emissions, acknowledging its crucial role in climate change. We believe that every contribution, regardless of scale, matters in the collective effort to combat global warming. This report details the initiatives we have implemented to reduce our carbon footprint and outlines the roadmap we are following to meet our sustainability targets.

As engineers, we understand the importance of innovation and efficiency, and we have leveraged our expertise to identify and implement solutions that drive down emissions within our operations, across our supply chain and within the projects we are delivering for our customers. From optimizing projects architectures to adopting low-emission transportation methods, we are making deliberate choices to ensure that our business is a force for positive environmental change. We are working towards a low-carbon future by deploying our expertise in hydrogen.

Love, Integrity, Fun, Truth and Excellence is how we do it. In a turbulent world with many recent political developments, we are proud to contribute to the UN Global Compact's vision and are committed more than ever to work towards a cleaner, greener world.

***Paul Karzel, Founder, Managing Director LIFTE H2 GmbH, Berlin***

# Overview of Sustainability at LIFTEH2

## Our Motivation

LIFTE H2 develops, delivers, and operates cost-effective, safe, and reliable next-generation hydrogen infrastructure that investors want to own and consumers want to use. However, we recognize that our own business operations and delivering these products and services to our customers have an associated environmental impact. At LIFTE we are committed to minimizing this impact.

## Our Sustainability Commitment

- LIFTE commits to zero carbon footprint.
- Where possible, we strive to avoid carbon emissions.
- Where not (yet) possible, we offset.

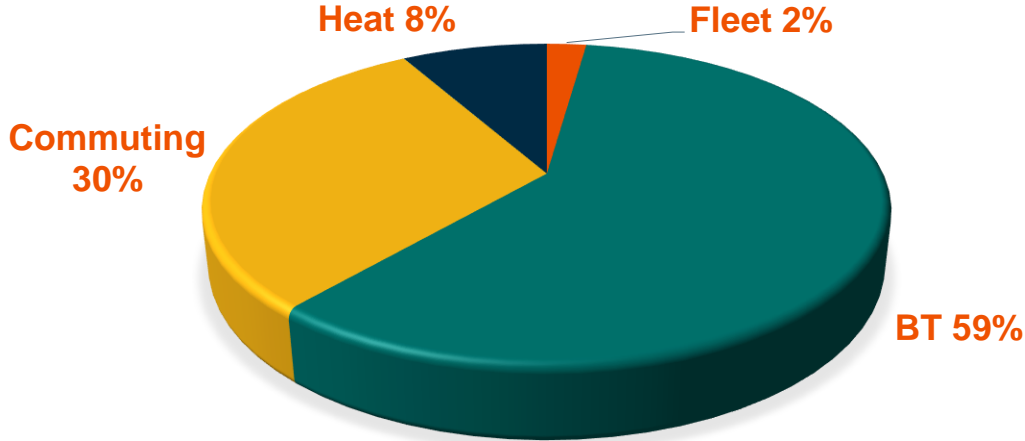
## 2023 Highlights

- Signed our first green hydrogen project
- Change in LIFTE H2 business structure
  - Split between LIFTE H2 Europe and LIFTE H2 North America, which ultimately lead to lower CO<sub>2</sub> emissions, especially due to less business travels by plane between offices

# Overview of LIFTE's Green House Gas Emissions

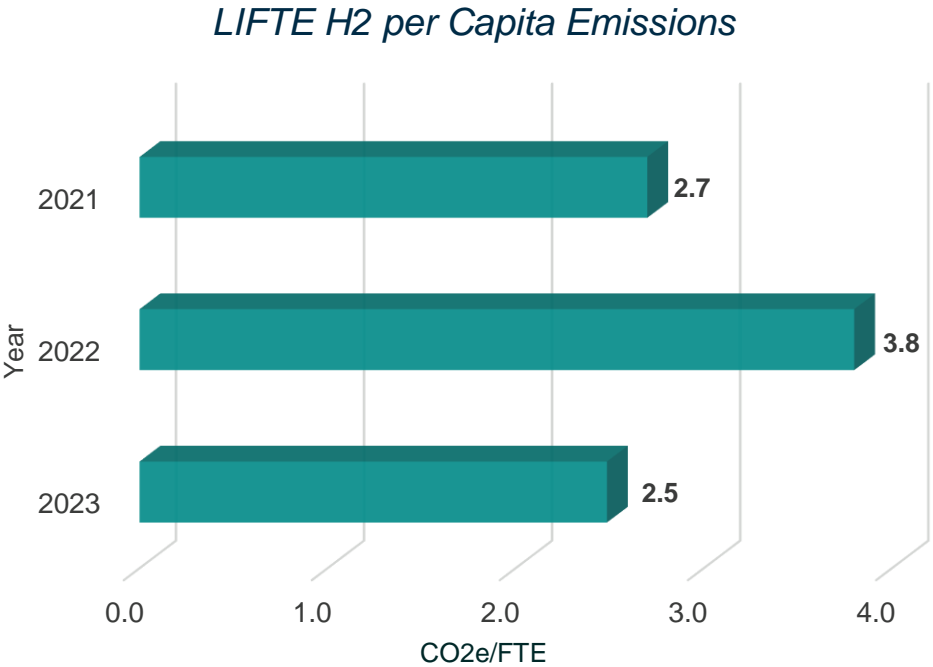
- In 2023 the company's estimated GHG footprint totaled 42.2 metric tons CO<sub>2</sub>e up from 149.1 metric tons CO<sub>2</sub>e in 2022. Across the company, our largest source of emissions was from business travel (59%), with business flights accounting for the majority (~99.97%) of this category.
- The remainder of the company's estimated total emissions originated from commuting (30%), our company vehicle (2%), office heating (8%) and office electricity usage (0.012%).
- In support of minimizing our primary emissions sources LIFTE H2 encourages employees to 'only travel when necessary,' to eliminate short-haul flights when possible, and has remained a 'hybrid' (in-person/remote) work environment.

Scope		Metric tons	%
1	Fleet	0.94	2.2
3.6	BT	24.97	59.2
3.7	Commuting	12.8	30.3
2	Electricity	0.0049	0.012
2	Heat	3.5	8.2
<b>Total</b>		<b>42.2</b>	<b>100</b>



# 2023 GHG Emissions Per Employee

A fundamental KPI monitored by our sustainability work group is GHG emissions per full-time equivalent (FTE) employee. Our per capita emissions increased ~40% from 2021 to 2022.



- In 2021, our emissions per capita were 2.7 metric tonnes CO2e/FTE as the business started and our workforce grew.
- For 2022, we observed an increase in emissions per employee to 3.8 metric tonnes CO2e/FTE.
- In 2023 we have observed a reduction in emissions per employee to 2.5 metric tonnes CO2e/FTE, resulting in a decrease compared to the previous years. As our business grows, we recognize the impact on our emissions profile and are taking conscious steps to limit this impact. To avoid emissions wherever possible, we have and continue to do so the company policy of using public transport for distances within Germany.



# Final Thoughts

As we launch our third annual greenhouse gas report, LIFTE H2 reaffirms its ongoing commitment to our company-wide objective: "zero harm to the environment". This principle remains a central pillar of our company values as we work towards not only finding decarbonization solutions for our customers, but also limiting our own environmental footprint.

To achieve our zero footprint goals, we prioritize emissions avoidance wherever possible and continuously evaluate our corporate emissions to measure and track our progress. In addition to these efforts, we are actively exploring offsetting projects to offset the emissions caused by running our day-to-day operations.



LIFTE<sup>H2</sup>