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# 2021 Greenhouse Gas Emissions Report

January 1 to December 31, 2021

ISSUED: SEPTEMBER 2022

# Contents

# Introduction

**In 2021, Geotab released its first ever Sustainability Report, "Moving the world to a sustainable future." In that report, we outlined our commitment to a decarbonized and thriving future and how sustainability is core to our purpose.**

As a company, that means doing better for the planet and minimizing the environmental footprint of our internal operations. On our own, Geotab can make progress by focusing on more sustainable operations within the confines of our business and the actions we as employees take every day. As a partner, it means supporting our customers with their own climate action goals — helping fleets and the transportation industry worldwide to be more sustainable.

Whether that's reducing fuel usage or vehicle idling, integrating electric vehicles, right-sizing or meeting emission requirements, Geotab has the data intelligence to help customers make informed decisions on getting to zero emissions faster.

The 2021 Geotab Greenhouse Gas Emissions Report presents the progress towards our science-based targets for company-wide emissions reduction in the calendar year 2021, in accordance with our commitments as a signatory of The Climate Pledge and in alignment with the Science Based Targets initiative (SBTi).

Geotab follows the GHG Protocol Corporate Accounting and Reporting Standard framework for businesses for the measurement and reporting of its greenhouse gas emissions. For more information on Geotab's global sustainability initiatives, read the Geotab Sustainability Report 2021.
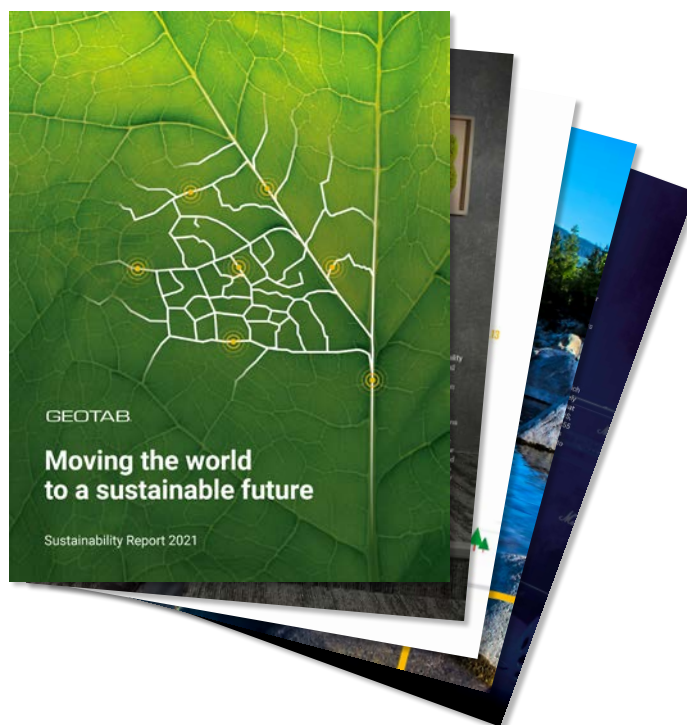


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## About Geotab

Processing billions of data points a day, Geotab leverages data analytics and machine learning to help companies increase productivity and efficiency, achieve their sustainability goals, enhance driver safety, and strengthen compliance to regulations.

At Geotab, delivering technology that accelerates sustainability progress through connected telematics is a core focus. We work alongside our customers and partners to solve sustainability challenges on a global scale by tackling the biggest culprits of climate change such as reducing GHG emissions, decreasing fossil fuel consumption, helping fleets make the successful transition to electric vehicles, ensuring the predictability

and continuity of sustainable supply chain, and delivering connected insights that drive smart mobility through intelligent transportation networks, and more.

Geotab powers innovation through insight, by providing businesses and government organizations with a telematics and connected vehicle platform that delivers more sustainable, efficient, and safer outcomes for commercial fleets. Geotab's Marketplace offers hundreds of integrated third-party solution options that allow both small and large businesses to automate operations by integrating vehicle data with their other data assets for enhanced telematics and operational intelligence.

## Highlights

In 2021, Geotab's total carbon emissions decreased 14% from the 2019 baseline.

The total net change of Scope 1, 2, & 3 greenhouse gas (GHG) emissions in 2021 versus 2019 was -6,129 metric tons CO2e.

Geotab is on track to meet its 2030 target of 50% reduction in emissions.

This year, Geotab's emissions reduction targets were validated and approved by the Science Based Targets initiative (SBTi).

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# Our Emissions Reduction Targets

## Science-based Targets

Geotab's baseline year is 2019 and our target year is 2030. By 2030, Geotab aims to reduce its absolute Scope 1 and Scope 2 GHG emissions by 50% from 2019, with plans to also be net-zero by 2040. **Geotab's emissions targets have been validated and approved by the Science Based Targets Initiative as consistent with levels required to keep the global temperature rise limited to 1.5°C.** Geotab has also committed to reducing its absolute Scope 3 emissions by 50% by 2030.

**2030 TARGET:**

**Geotab plans to reduce its GHG emissions by**

**50%**

## Navigating Our Way to Zero Emissions

As a company that believes that you can't manage what you can't measure, Geotab embarked on its sustainability journey after creating its first greenhouse gas inventory in 2019, which is aligned with the GHG Protocol. The greenhouse gas inventory outlines Geotab's direct and indirect emissions and marks the start of the company's journey to becoming net-zero by 2040.

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Figure 1 represents Geotab's annual GHG emission inventory through its Scope 1, 2 & 3 emissions, shown through the different stages in the Geotab value chain. This highlights the key areas that are relevant to the Geotab business model and the categories that were prioritized as a result.

**Figure 1: Scope 1, 2 & 3 Emissions Reporting Framework**
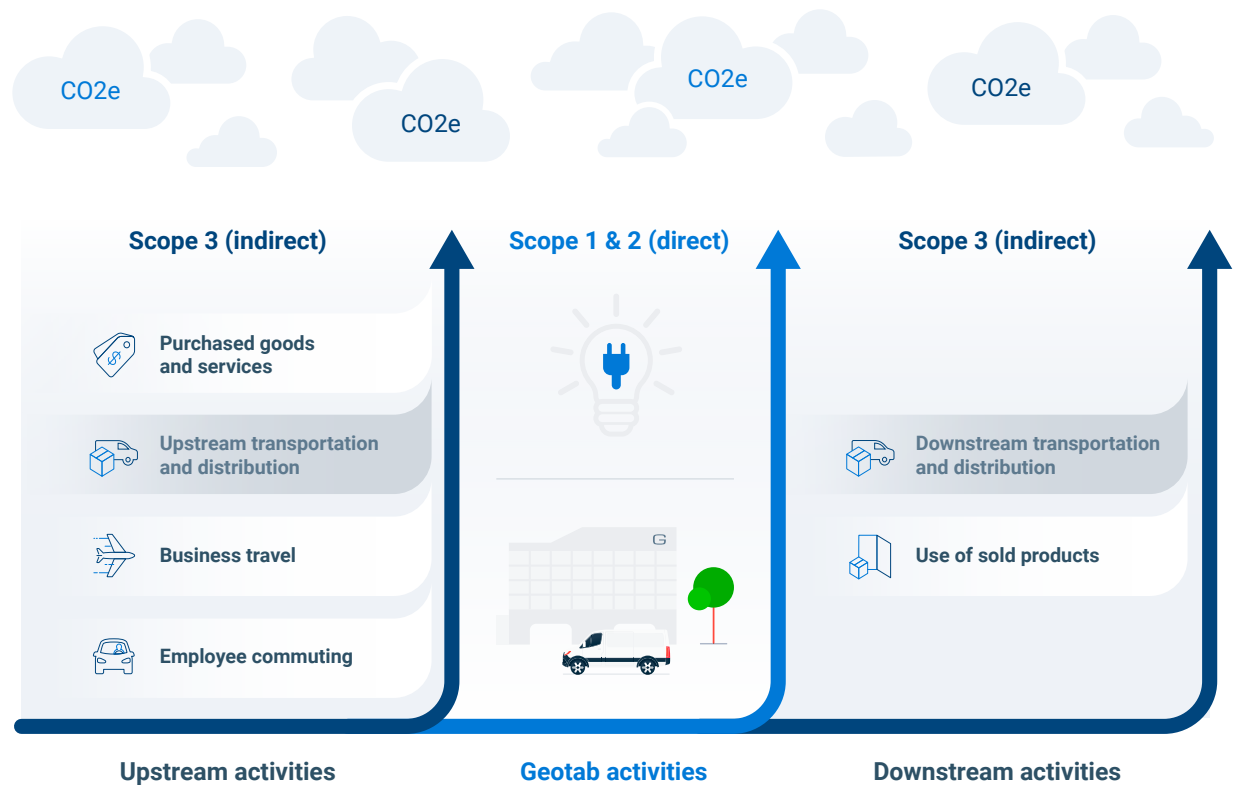


# GHG Inventory

## Scope 1 & 2 Emissions

Scope 1 emissions are considered to be a company's **direct emissions** from sources that are owned or leased by the company. An example would include a company's facilities or its owned vehicles. Scope 1 emissions encompassed natural gas that was generated at Geotab facilities. Scope 2 emissions are considered to be **indirect emissions** from the generation of energy purchased by the company. Scope 2 emissions at Geotab accounted for pollutants that came as a result of the purchase of the electricity used to power Geotab locations/spaces.

## The target boundary for Scope 1 and 2 emissions:

- **Physical Locations**
  - All properties where Geotab operates, including those leased from third parties
  - Includes multiple offices, the assembly facility in Oakville, as well as two warehouses

- **Owned or Long-Term-Leased Vehicles**
  - Geotab has one vehicle used for demonstrative purposes that is rarely put on the road and therefore is considered de minimis for the GHG inventory

# Scope 3 Emissions

Scope 3 emissions are considered to be all other indirect emissions that are not included in Scope 2, from sources that are not owned or controlled by the company but related to the company's activities and operations. An example would be the emissions created across the supply chain. Geotab's Scope 3 inventory includes emissions caused by activities throughout our value chain. These emissions account for the largest source of Geotab's emissions, and while more difficult to track, remain a priority for action. Scope 3 emissions are segmented into specific categories and the categories which are considered relevant to a company are reviewed and calculated every year.

In the 2021 GHG inventory, we excluded two Scope 3 emissions categories which were not relevant for our value chain and represented less than 1% of our total emissions distribution: Category 4: Upstream

Transportation and Distribution and Category 9: Downstream Transportation and Distribution. Strong carbon reduction activities of suppliers in this category influenced the decision as well.

The categories used in Geotab's GHG Inventory are:

## Geotab's Upstream Scope 3 Categories:

- Category 1: Purchased Goods and Services
- Category 6: Business Travel
- Category 7: Employee Commuting

## Geotab's Downstream Scope 3 Categories:

- Category 11: Use of Sold Products

# GHG Emissions Targets and Results
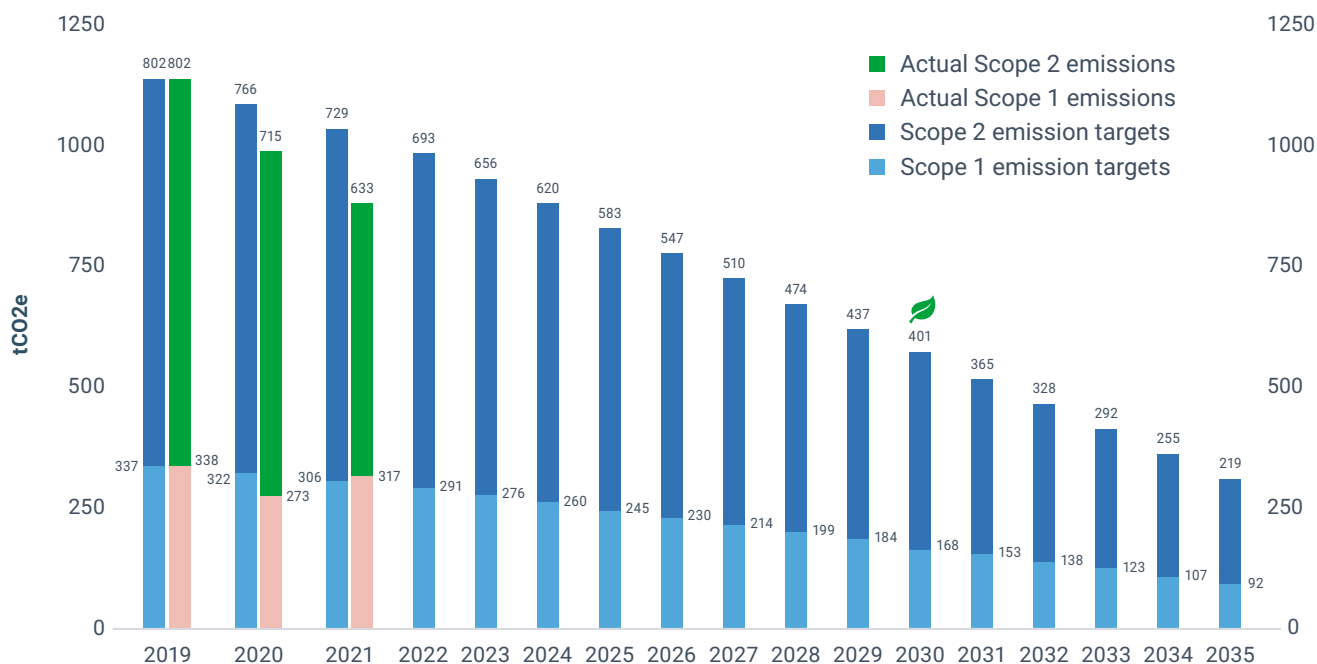
*Figure 2: Annual Scope 1 & 2 Emissions Targets*

*Figure 3: SBTi GHG Emissions Targets by 2030*

| GHG Emissions (tCO2e) | Base Year (2019) | Science Based Targets (2030) | Geotab Targets |
|---|---|---|---|
| Scope 1 emissions | 338 | 181 | 168 |
| Scope 2 emissions | 802 | 431 | 401 |
| Scope 1+2 emissions | 1,140 | 613 | 569 |

*Figure 4: Scope 3 Emissions Targets by 2030*

| GHG Emissions (tCO2e) | Base Year (2019) | Science Based Targets (2030) | Geotab Targets |
|---|---|---|---|
| Scope 3 emissions | 41,572 | 22,482 | 20,894 |

# 6%
Scope 1 reduction

# 21%
Scope 2 reduction

# 14%
Scope 3 reduction

As part of our commitment to supporting a more sustainable future, Geotab has set our own corporate targets for GHG emissions reduction that are even more ambitious than the Science Based targets for Scope 1, 2 and 3 emissions in order to achieve our net-zero by 2040 goal.

*Figure 5: Annual Scope 3 Emissions Targets*

# 14%

**Actual carbon emissions decrease**

from 2019 to 2021*

*SBTi estimated target for GHG emissions reduction was 9%.*

# Environmental Performance

## GHG Emissions Breakdown

Geotab's carbon emissions decreased by 14% from 2019 to 2021. As the world returned to business in 2021, we continued the focus on our targets and successfully lowered our carbon emissions, even as production increased to meet market needs. These results follow a significant drop in emissions in 2020 related to the pandemic when the majority of our global workforce transitioned to remote work. The reduction in staff commuting and less business travel due to new business travel guidelines contributed materially to lower 2021 GHG emissions. We are reducing employee commuting through innovative company programs including the Electric Vehicle Incentive and Public Transportation Reimbursement, as well as our flexible-first model for remote working.

*Figure 6: GHG Emissions Scope 1, 2, & 3 Net Change 2021 Versus 2019*

| GHG Emissions (Metric Tons CO2e) | 2019 | 2021 | % Change |
|---|---|---|---|
| Total Scope 1 | 338 | 317 | -6% |
| Total Scope 2 (Location-based) | 802 | 633 | -21% |
| Total Scope 3 | 41,572 | 35,633 | -14% |
| Total | 42,712 | 36,583 | -14% |

*Figure 7: Percentage Breakdown of 2021 GHG Emissions by Scope*



Scope 1
<1%

Scope 2
1.7%

tCO2e
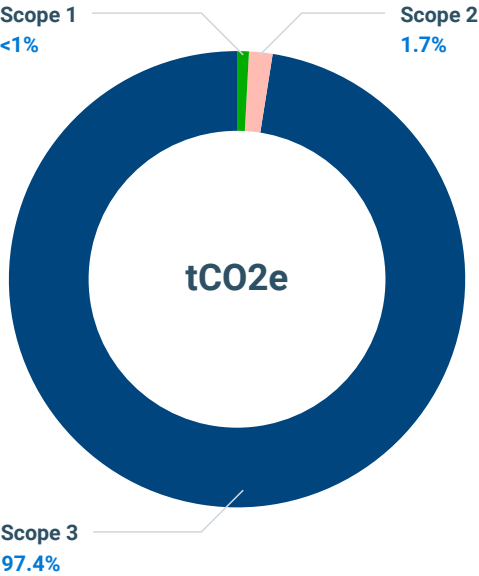
Scope 3
97.4%

*Figure 8: Percentage Breakdown of 2021 Emissions by Category of Scope 3*
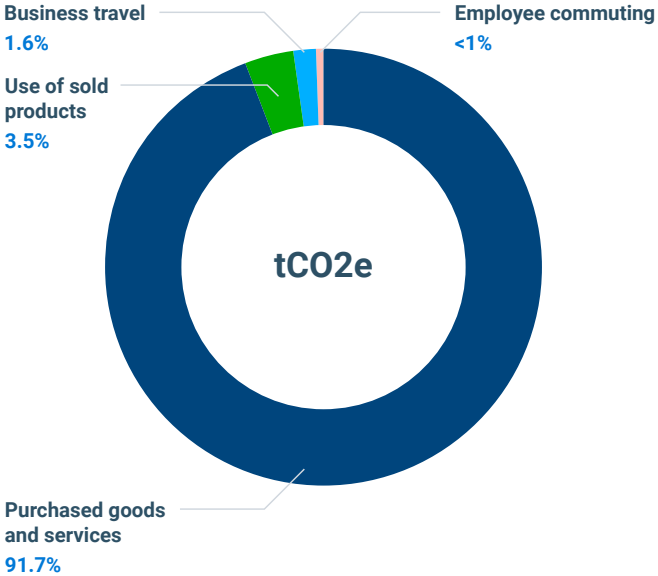


Business travel
1.6%

Employee commuting
<1%

Use of sold products
3.5%

tCO2e

Purchased goods and services
91.7%

# Committed to a decarbonized and thriving future

**We are confident that data intelligence is the key to moving forward on sustainability goals.**

The first edition of Geotab's Greenhouse Gas Emissions Report shows that we are on the path to achieving our science-based targets on emissions reductions. This report is another milestone for the company as we mark 22 years in business. Geotab is committed to meeting our goals for improving the sustainability of our operations and reporting on our progress. Our focus remains on continuous innovation and delivering data intelligence to support our customers as they accelerate their carbon reduction and scale their own sustainability efforts with data-driven insights.

With over 3 million connected vehicles around the world, we are excited about the impact that Geotab as a company can have on climate change and how we can support the transition to a low carbon future.

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