

# Carbon footprint and decarbonization trajectory summary

Locala 2024



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- Decarbonization trajectory and plan

## Context and challenges

 **Objective** : Develop a decarbonization trajectory and plan that follows the SBTi framework

### Carbon Footprint

- Locala has calculated its carbon footprint for **2021**, **2022**, and **2023** with Carbometrix.
- The 2023 calculation, which has improved in accuracy, will serve as a **baseline** for starting a decarbonization trajectory.
- The **vast majority of Locala's emissions come from service purchases**:
  - 17% from subcontracting,
  - 17% from intellectual services
  - 12% from marketing.
- Another significant source is **air travel**, accounting for 14% of emissions.

### Trajectory and decarbonization plan

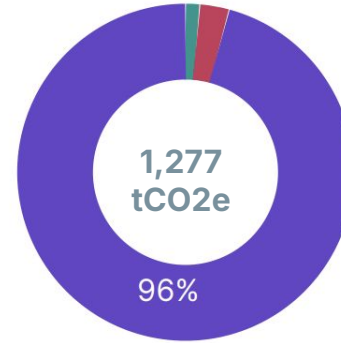
- **A quantified action plan** to reduce the emissions of the operation phase on the 3 Scopes by 2033
- **A decarbonization trajectory** giving the expected level of emissions on the 3 Scopes by 2033






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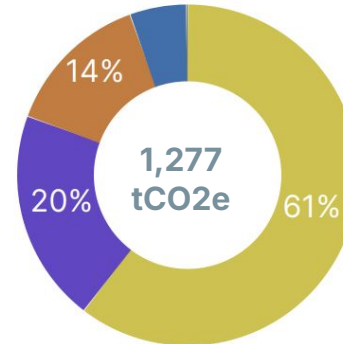
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## 2023 Carbon footprint

● Scope 1	17.4 tCO <sub>2</sub> e	1%
● Scope 2	36.2 tCO <sub>2</sub> e	3%
● Scope 3	1,223 tCO <sub>2</sub> e	96%



 Services	771 tCO <sub>2</sub> e	61%
 Travels	258 tCO <sub>2</sub> e	20%
 IT	177 tCO <sub>2</sub> e	14%
 Buildings	68.5 tCO <sub>2</sub> e	5%
 Waste	1.7 tCO <sub>2</sub> e	<0.5%



*Full details of the study can be found on the Carbometrix platform.*

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# SBTi Introduction

## General presentation



The **Science-Based Targets initiative (SBTi)**, launched in 2015 after COP21, provides a **reference framework** for companies to reduce their greenhouse gas emissions in alignment with the goals of the Paris Agreement.

To achieve this, the SBTi provides:

- **Guidelines** and minimum **requirements** for reducing emissions across all 3 scopes;
- Tailored **recommendations** for key **sectors**
- An independent process for **validating** emission reduction targets.

### Paris Agreement (2015)

196 signatories  
committed to working together to  
limit global warming to well below 2°  
C, with efforts to restrict the  
temperature increase to 1.5°C.

## SBTi Introduction

### Near-term targets

Committing to SBTi means **setting ambitious near-term targets** to reduce emissions over the next 5-10 years, in line with the broader goal of carbon neutrality by 2050

**2023**

Carbon footprint base year

This year serves as a **baseline** for measuring emission reduction

### Reduction path

- ⇒ Reduction rates are set **by scope**
- ⇒ **2020** is used as reference year to compute reduction rates

**203X**

Target year  
for emissions reduction

Targets must be reached within **5-10 years** of targets submission.



## SBTi - Reduction options (Near-Term Targets)

To define a decarbonisation trajectory, SBTi proposes specific options for each scope.

### Scope 1

**Annual absolute reduction**  
Only option  
1.5°C objective

### Scope 2

**Annual absolute reduction**  
Option 1  
1.5°C objective

**Renewable electricity purchase**  
Option 2  
80% RE by 2025  
100% RE by 2030

### Scope 3

**Annual absolute reduction**  
Option 1  
At least WB-2°C objective

**SBTi commitment of suppliers**  
Option 2  
Supplier of goods & services must commit within 5 years

**Reduction of emissions in economic / physical intensity**  
Option 3  
7% year on year decrease

## Absolute reduction objectives

For the absolute reduction of GHG emissions, SBTi distinguishes between the two scenarios recognised by the Paris agreements.

**1,5°C objective** (mandatory for Scope 1 & 2)

**Linear decrease of 4.2% per year** between the base year (2020) and the target year.

**Well-below 2°C** (scope 3 only)

**Linear decrease of 2.5% per year** between the base year (2020) and the target year.

WB 2°C is the minimum ambition for Scope 3, i.e. Scope 3 targets must follow at least this reduction rate.

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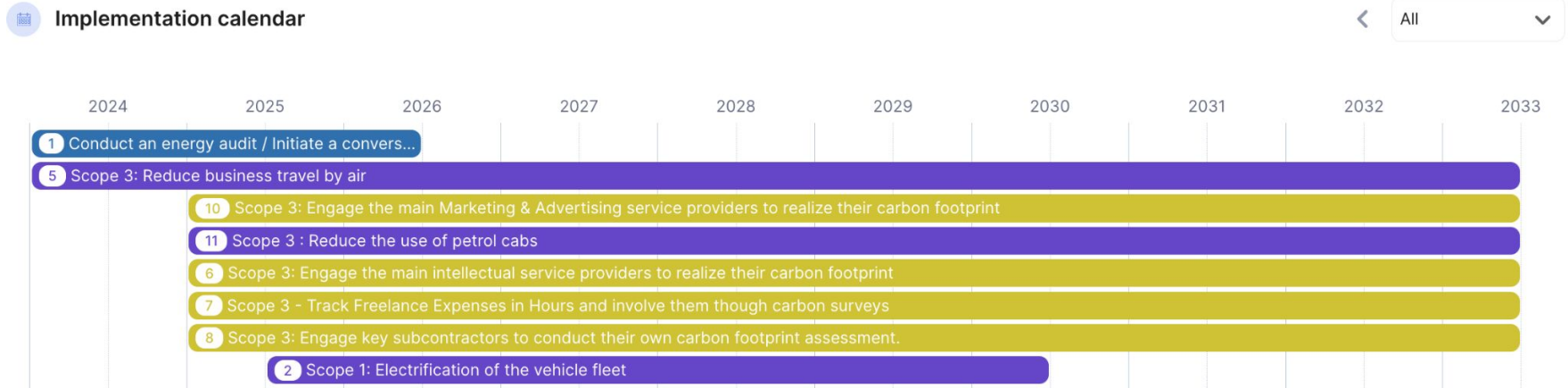
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## Decarbonization plan actions

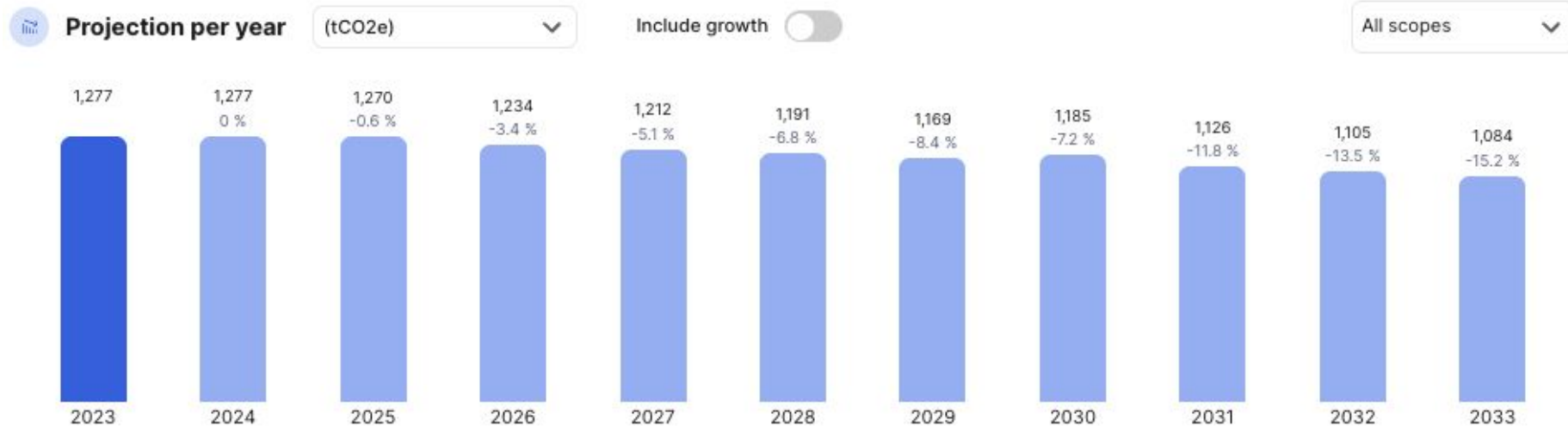
To build the decarbonization plan, emissions over which the company still has **direct and indirect control levers** were considered. **All three scopes** were included to follow the **methodology recommended by SBTi**.

→ **8 actions** have been considered in Locala's decarbonization plan, each associated with a carbon impact, costs, and an implementation timeline.

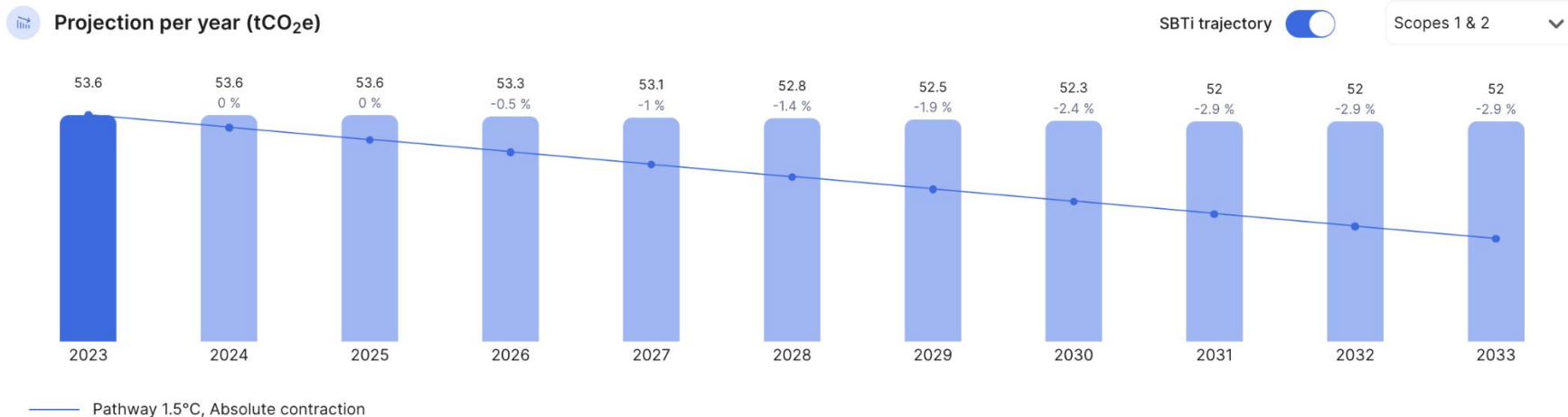
- 2 of them are purely qualitative and could not be quantified.
- 3 actions involve the hypothetical reduction of services that will also decarbonize according to international guidelines.
- 3 actions are direct emission reductions within your operations



## Scope 1, 2 and 3 : decarbonization trajectory



## Scope 1 and 2 decarbonization trajectory

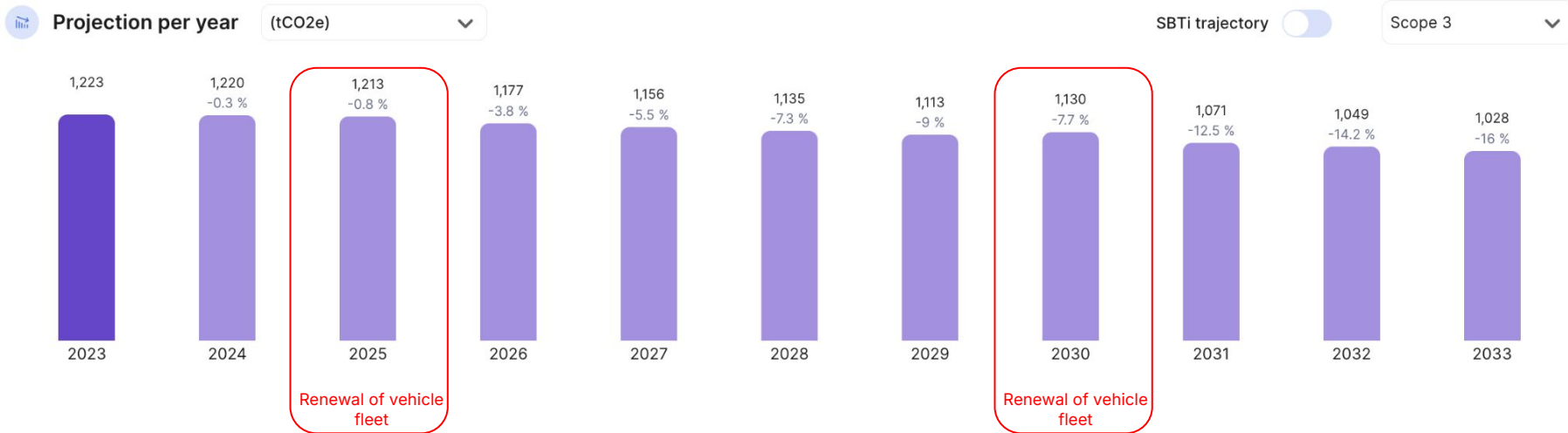


**Electrifying the fleet** allows for a modest initial reduction in emissions, decreasing Scope 1 emissions by **1.59 tCO<sub>2</sub>e**. However, this reduction is partially offset by the emissions associated with the purchase of new vehicles, as accounted for under Scope 3. **In the long term, however, the transition to electrification is expected to be beneficial.**

This effort alone is insufficient according to SBTi guidelines. Another key action which **could not be quantified here**, would be **to engage in discussions with property owners or consider relocating to facilities managed by more sustainability-conscious landlords**

## Scope 3 decarbonization trajectories (1/3)

### All categories



In 2025 and 2030, the reduction slows down due to the impact of purchasing hybrid and then electric vehicles. Ultimately, with the measures considered and certain reduction assumptions regarding your service providers, the total Scope 3 reduction would amount to **16% by 2033**.

## Scope 3 Decarbonization trajectories (2/3)

### Purchased services

#### Scope 3 SBTI Options

##### Annual absolute reduction

Option 1

At least +2°C objective

##### SBTi commitment of suppliers/clients

Option 2

Suppliers/clients must set SBTs within 5 years

##### Reduction of emissions in economic / physical intensity

Option 3

7% YoY decrease

## Scope 3 Decarbonization trajectories (2/3)

### Purchased services

#### Scope 3 SBTi Options

**Annual absolute reduction**  
Option 1  
At least +2°C objective

**SBTi commitment of suppliers/clients**  
Option 2  
Suppliers/clients must set SBTs within 5 years

**Reduction of emissions in economic / physical intensity**  
Option 3  
7% YoY decrease



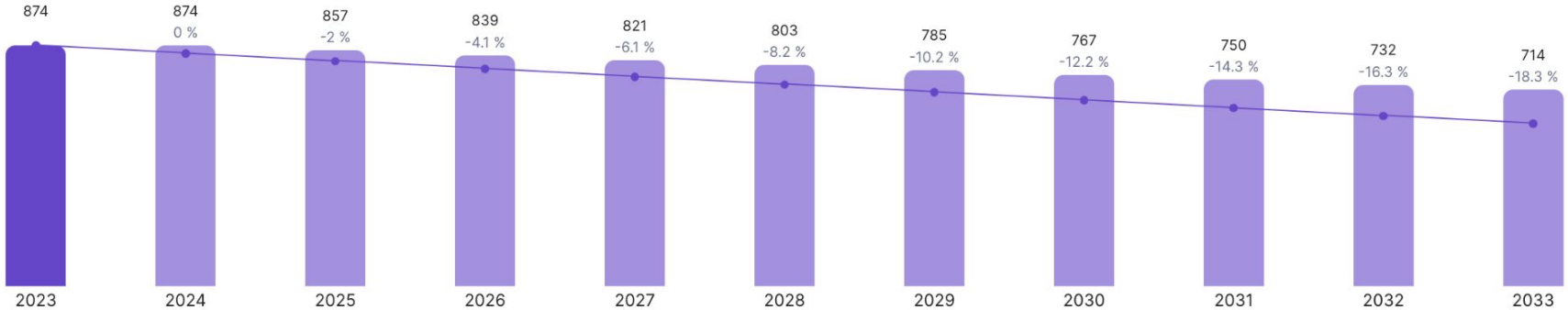
#### Projection per year (tCO<sub>2</sub>e)

SBTi trajectory ☒

Scope 3

For Purchased goods and services

Scope 3 coverage: 71%



— Pathway 1.5°C, Absolute contraction

Our assumption is based on a 30% reduction in the carbon footprint of your service providers. However, to meet the SBTi targets, **they would need to achieve a reduction of approximately 35%.**



## Scope 3 Decarbonization trajectories (2/3)

### Purchased services

#### Scope 3 SBTI Options

##### Annual absolute reduction

###### Option 1

At least +2°C objective

##### SBTi commitment of suppliers/clients

###### Option 2

Suppliers/clients must set SBTs within 5 years

##### Reduction of emissions in economic / physical intensity

###### Option 3

7% YoY decrease

The portion of suppliers to be engaged should be given as a portion of the associated emissions  
If it's not possible to give a portion in terms of emissions, portion in terms of spend may be accepted  
The company has **5 years from the year of submission** to reach the target

The company's suppliers shall have SBT in line with the latest version of the criteria

Only commitment is needed, validation of targets is only recommended

## Scope 3 Decarbonization trajectories (2/3)

### Services

#### Scope 3 SBTi Options

##### Annual absolute reduction

Option 1

At least +2°C objective

##### SBTi commitment of suppliers/clients

Option 2

Suppliers/clients must set SBTs within 5 years

##### Reduction of emissions in economic / physical intensity

Option 3

7% YoY decrease



Projection per year (tCO<sub>2</sub>e / M€ Revenue)

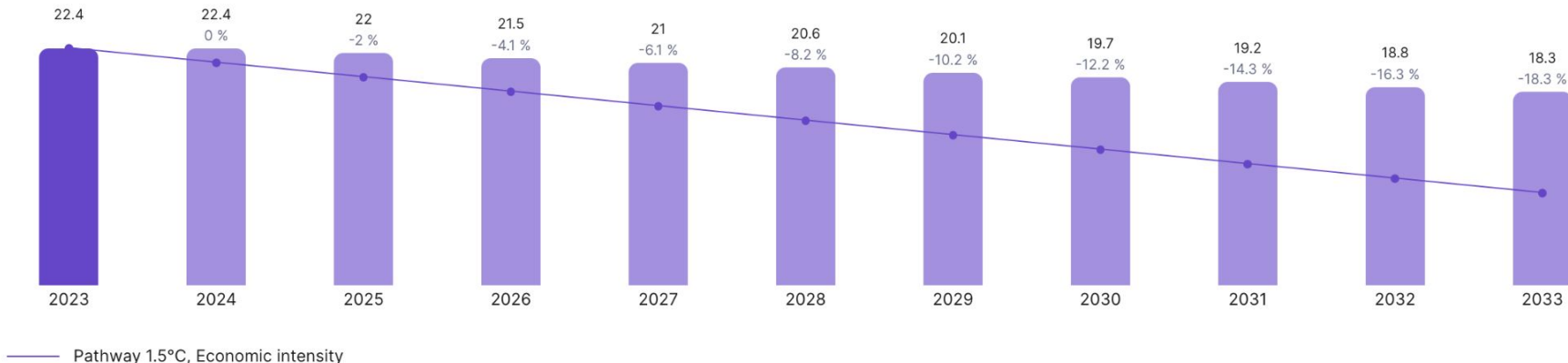
SBTi trajectory ☒

Scope 3

For

Scope 3 coverage: 71%

Here, since we did not have your value-added information, the **turnover** was taken into account and assumed to be constant.



Assuming a constant evolution of you revenue, this option does not appear relevant to consider here, as it is more challenging to achieve.

## Scope 3 decarbonization trajectories (3/3)

### Business travel

#### Scope 3 SBTI Options

##### Annual absolute reduction

Option 1

At least +2°C objective

##### SBTi commitment of suppliers/clients

Option 2

Suppliers/clients must set SBTs within 5 years

##### Reduction of emissions in economic / physical intensity

Option 3

7% YoY decrease

## Scope 3 Decarbonization trajectories (3/3)

### Business travel

#### Scope 3 SBTI Options

**Annual absolute reduction**  
Option 1  
At least +2°C objective

**SBTi commitment of suppliers/clients**  
Option 2  
Suppliers/clients must set SBTs within 5 years

**Reduction of emissions in economic / physical intensity**  
Option 3  
7% YoY decrease



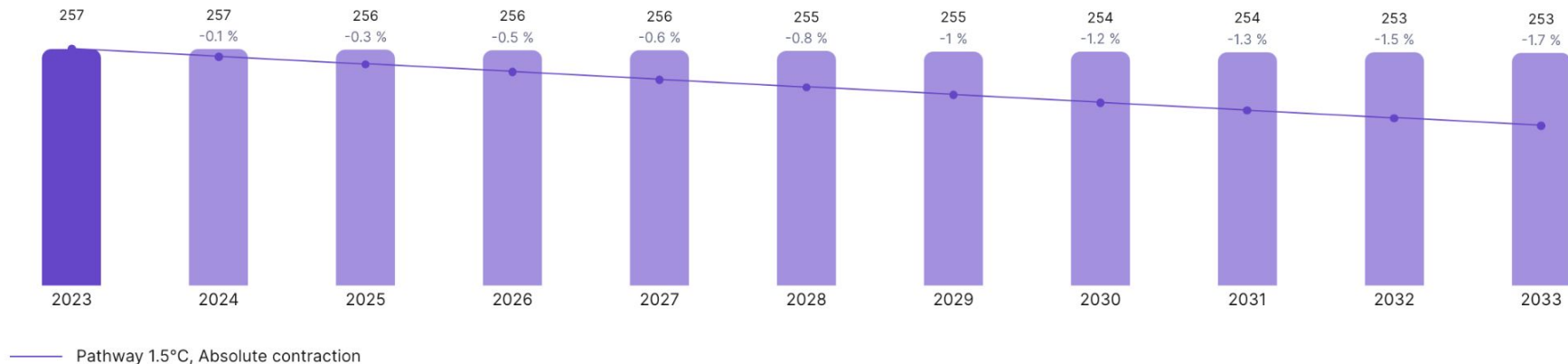
Projection per year (tCO<sub>2</sub>e)

SBTi trajectory ☒

Scope 3

For Business travel

Scope 3 coverage: 21%



To meet the SBTi targets, air transport **would have to be reduced by 50% by 2033**. For the moment, your ambition was set at 2%.

## Scope 3 Decarbonization trajectories (3/3)

### Business travel

#### Scope 3 SBTi Options

##### Annual absolute reduction

Option 1

At least +2°C objective

##### SBTi commitment of suppliers/clients

Option 2

Suppliers/clients must set SBTs within 5 years

##### Reduction of emissions in economic / physical intensity

Option 3

7% YoY decrease



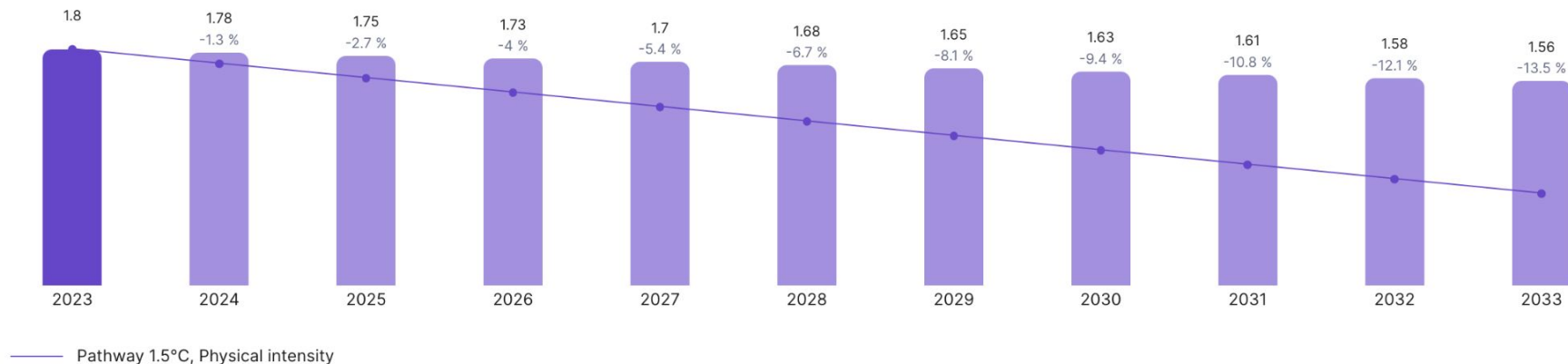
**Projection per year (tCO<sub>2</sub>e / ETP)\*** Here, we assumed that the number of FTEs remains constant.

SBTi trajectory ☒

Scope 3 ▼

For Business travel ▼

Scope 3 coverage: 21%



Assuming a constant number of FTEs, this option does not appear relevant to consider here, as it is more challenging to achieve.

**Thank you!**

