Carbon Footprint Report ‘20

Otrium

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Greenhouse gases are gases in Earth’s atmosphere that trap heat.

They let sunlight pass through the atmosphere, but they prevent the heat that the sunlight brings from leaving the atmosphere.

Introduction

Otrium is in business to eradicate unsold inventory. To this end, Otrium is focused on taking responsibility in two ways:

01

Driving positive change in the fashion industry by eradicating unsold inventory

02

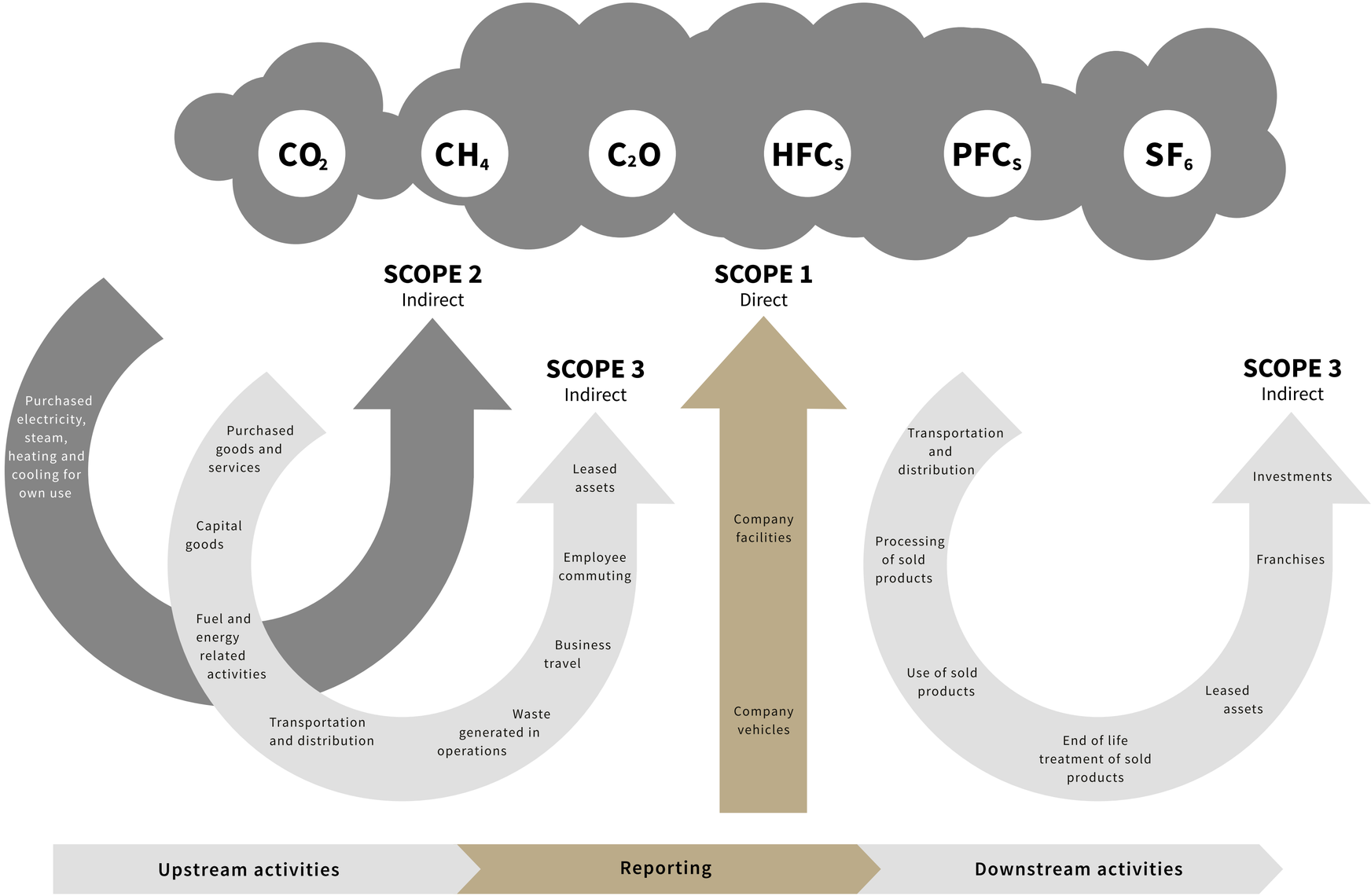
Making the best decisions to improve our own E-commerce practices

As part of this journey, Otrium is looking into its own environmental impact and has conducted a carbon footprint analysis. The results of the analysis are depicted in this Greenhouse Gas report which is in accordance with the Greenhouse Gas Protocol. This report outlines the first greenhouse gas emission calculation for Otrium; 2020 is therefore also the baseline year.

Organizational boundary

The organizational boundary is set in accordance with the Greenhouse Gas Protocol. Otrium consolidates emissions via the **operational control approach**. Otrium thus accounts for 100% of direct greenhouse gas emissions from operations over which it has operational control in Scope 1. For Otrium this implies in 2020 the Amsterdam Hub and the leased vehicles.

Right: Greenhouse gas Protocol scope 1, 2 and 3 visualized



Operational boundary

Scope 01

Direct greenhouse gas emissions occur from sources that are controlled by the company, for example, emissions from combustion in boilers and vehicles.

For Otrium these are:

- Combustion of natural gas at the Amsterdam Hub
- Combustion of leased vehicles over which Otrium has operational control

Scope 02

Scope 2 emissions are indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by Otrium. Scope 2 emissions physically occur at the facility where the energy is generated.

For Otrium this relates to:

- Electricity usage by the Amsterdam Hub In accordance with the Greenhouse Gas Protocol, Otrium is required to report on scope 2 emissions (location based and market based)

Scope 03

Scope 3 emissions are a consequence of the activities of the company but occur from sources upstream or downstream in the supply chain and are not controlled by Otrium.

Otrium, reports on absolute scope 3 emissions relating to:

- Packaging
- Warehouse utilities usages (gas and electricity)
- Logistics from warehouse to customer
- Return transport from customer to warehouse

Calculation methodology

Scope 1, 2 and 3 emissions are calculated with supplier specific data where possible. Both a market-based approach and a location-based approach are used to calculate the emissions relating to scope 2.

Opposite, the calculation methods are explained.

If only partial invoices are available, the data is extrapolated to a full year (if the asset was in operation for a full year). If an asset was introduced for use during a year, only data for that period is considered.

Source of emissions	Calculation method
Gas usage 	Greenhouse gas emissions = Σ m3 gas purchased per annum per country * country specific conversion factor.
Petrol 	Greenhouse gas emissions = Σ liter of petrol used per annum * country specific conversion factor for combustion of 1 liter of petrol.
Electricity (market based) 	Greenhouse gas emissions = Σ kWh per annum * conversion factor specified in energy contract.
Electricity (location based) 	Greenhouse gas emissions =Σ kWh per annum * country specific conversion factor.

Above: Calculation method per source

Results

The total amount of greenhouse gasses emitted for scope 1, 2 and 3 in 2020 was 758 tons CO2 – eq conform to the market-based approach and 765 tons conform the location based approach. In the graph below the emission sources and scopes are depicted (market based).

Table 1 (below):
Tons greenhouse gas emissions per scope

Scope	Tons CO2-eq.	Share
Scope 1	15,2	2%
Scope 2	0	0%
Scope 3	742,9	98%
Total	758,1	100%

Table 2 (below):
Tons greenhouse gas emissions per scope, location and source

Scope	Location	Category	Kg CO2-eq
Scope 1	Amsterdam Hub	Natural Gas	**14.071**
		Fuel usages	**1.148**
Scope 2	Amsterdam Hub	Electricity (market based/ renewable)	**0**
Scope 3	Warehouse	packaging material	**192.665**
		warehouse - power	**207.728**
		warehouse - gas	**3.941**
		transport outbound	**338.531**

Responsibilities

The sustainability manager is responsible for the correct reporting of the greenhouse gas footprint. The sustainability manager is supported by the sourcing department which gathers the data and assures completeness regarding the locations in scope.

The calculation is done annually, and the results are disclosed on the website. The methodology used is in line with the Corporate Greenhouse Gas Protocol.

Our sustainability partners and accreditations

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Amsterdam | New York | London | Paris
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conscious@otrium.com