



# Greenhouse gas (GHG) accounting report

**Edita Prima Oy**  
**2020**

---

**Stockholm, 30 april 2021**



**South Pole**  
South Pole Sweden AB · KG10 Kungsgatan 8 · 111 43 Stockholm · Sverige  
+46 (0) 8 410 458 80 · [info@southpole.com](mailto:info@southpole.com) · [southpole.com/sv](https://southpole.com/sv)

## Details

### Prepared for:

Mika Ruuskanen  
**Edita Prima Oy**  
Verkkosaarencatu 5 · Helsinki · Finland

---

### Prepared by:

**South Pole Carbon Asset Management Ltd. (South Pole)**  
KG10 · Kungsgatan 8 · 111 43 Stockholm · Sverige  
[southpole.com/sv](https://southpole.com/sv)

---

### Project Manager:

Marco Suter, Associate Consultant  
+46 (0) 73 209 24 33  
[m.suter@southpole.com](mailto:m.suter@southpole.com)

### Project Leader:

Marie Gustafsson, Principal Consultant,  
Regional Lead  
+46 (0) 73 340 23 17  
[m.gustafsson@southpole.com](mailto:m.gustafsson@southpole.com)

---

### Contact person:

Johan Eliasson, Key Account Management  
+46 (0) 70 570 78 76 · [j.eliasson@southpole.com](mailto:j.eliasson@southpole.com)

---

### Disclaimer:

No warranties: all of the information in this statement is provided "as-is" with no express or implied warranties or representations of any type as to its accuracy, completeness or any intended use of such information.

Disclaimer of liability: South Pole specifically disclaims liability for incidental or consequential damages and assumes or undertakes no responsibility or liability for any loss or damage suffered by any person as a result of the use, misuse or reliance of any of the information or content in this statement.

# Table of contents

<b>Summary</b>	<b>3</b>
<b>1 Result</b>	<b>5</b>
<b>1.1 GHG emissions 2020</b>	<b>5</b>
<b>2 Analysis</b>	<b>7</b>
<b>2.1 Current state</b>	<b>7</b>
2.1.1 Dominant emission sources	7
2.1.2 Changes in GHG emissions during the period	7
2.1.3 Limitations (activity not included in the calculation work)	7
2.1.4 Business benefits	7
2.1.5 Good examples	8
2.1.6 Planning ahead	8
<b>2.2 Long-term goals</b>	<b>9</b>

List of tables

Table 1: Summary of Key Performance Indicators (KPIs) ..... 3

Table 2: GHG emissions by emission source ..... 3

Tabell 3: GHG emissions per scope and activity 2020 ..... 5

List of figures

Figur 1: GHG emissions (tCO<sub>2</sub>e) per scope 2020 (*market-based*) ..... 4

Figur 2 GHG emissions 2017-2020 (*market-based*) ..... 4

## Summary

This report provides a summary of the greenhouse gas (GHG) emissions from Edita Prima Oy's operations from 1 January 2020 to 31 December 2020.

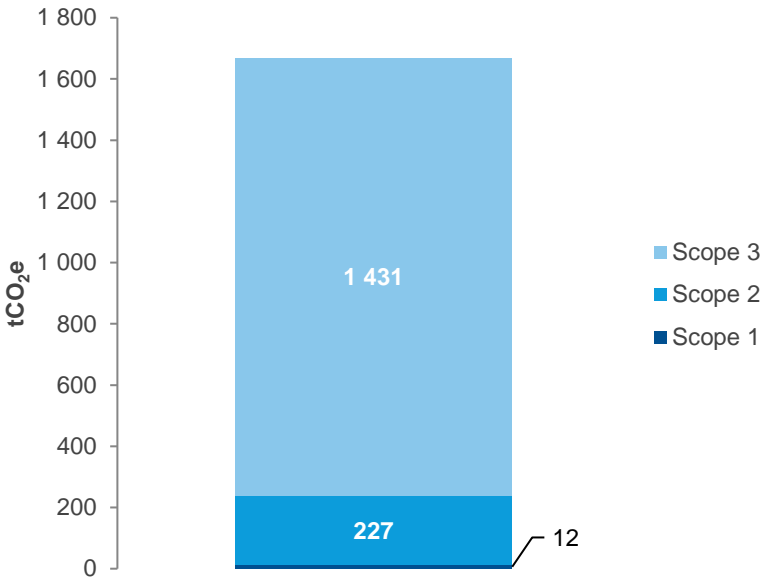
Table 1 shows the key performance indicators (KPIs) for Edita Prima Oy. Table 2 gives an overview of the GHG emissions per scope, the already compensated GHG emissions and how much GHG emissions Edita Prima Oy has to compensate in order to become climate-neutral.

**Table 1: Summary of KPIs**

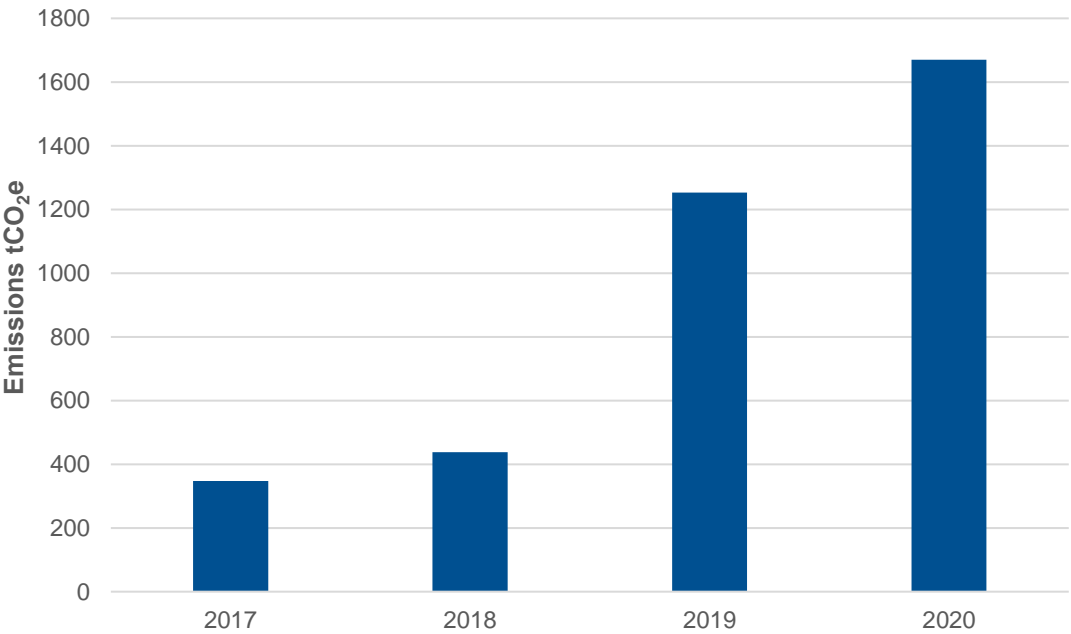
<b>Number of employees</b>	84	<b>tCO<sub>2</sub>e/employee</b>	19,9
<b>Premises area (m<sup>2</sup>)</b>	10 240	<b>tCO<sub>2</sub>e/m<sup>2</sup></b>	0,16

**Table 2: GHG emissions by emission source**

Scope	Emissions (tCO <sub>2</sub> e)	% of total
Scope 1: direct GHG emissions	12,4	0,7%
Scope 2: indirect GHG emissions from purchased electricity, heating and cooling	226,7	13,6%
Scope 3: other indirect GHG emissions	1 430,7	85,7%
<b>Total GHG emissions</b>	<b>1 669,8</b>	<b>100,0</b>
<b>GHG emissions compensated by third parties</b>	<b>699,0</b>	
<b>GHG emissions to be compensated by Edita Prima Oy</b>	<b>970,8</b>	



Figur 1: GHG emissions (tCO<sub>2</sub>e) per scope 2020 (market-based)



Figur 2 GHG emissions 2017-2020 (market-based)

# 1 Result

## 1.1 GHG emissions 2020

Tabell 3: GHG emissions per scope and activity 2020

Activity	Consumption	Unit	Emissions (tCO <sub>2</sub> e)	% of total emissions
<b>Scope 1:</b>			<b>12,4</b>	<b>0,7%</b>
Mobile combustion	6,0	m <sup>3</sup>	12,4	0,7%
Petrol	2,9	m <sup>3</sup>	6,6	0,4%
Diesel	3,1	m <sup>3</sup>	5,8	0,3%
<b>Scope 2:</b>			<b>226,7</b>	<b>13,6%</b>
Electricity	4 009,5	MWh	0,0	0,0%
Renewable electricity	4 009,5	MWh	0,0	0,0%
Heating & cooling	1 499,0	MWh	226,7	13,6%
District heating	1 484,2	MWh	226,4	13,6%
District cooling	14,8	MWh	0,3	<0,1%
<b>Scope 3:</b>			<b>1 430,7</b>	<b>85,7%</b>
Business travel			3,1	0,2%
Flights	2 388	pkm	0,7	<0,1%
Short haul flights <463 km	2 388	pkm	0,7	<0,1%
Staff car reimbursement, petrol	8 577	km	1,8	0,1%
Staff car reimbursement, diesel	3 676	km	0,6	<0,1%
Taxi	500	km	<0,1	<0,1%
Bus	40	pkm	<0,1	<0,1%
Train	290	pkm	<0,1	<0,1%
Accommodation	2	Number of guest nights	<0,1	<0,1%
<b>Purchased goods and services</b>			<b>4,6</b>	<b>0,3%</b>
Paper	220	kg	0,2	<0,1%
IT equipment	90	devices	4,4	0,3%
Desktop computers	10	devices	0,6	<0,1%
Monitors	50	devices	3,2	0,2%

## Greenhouse gas (GHG) accounting report

Activity	Consumption	Unit	Emissions (tCO <sub>2</sub> e)	% of total emissions
Smartphones	30	devices	0,6	<0,1%
Leased goods	61	devices	3,6	0,2%
Laptops	61	devices	3,6	0,2%
Employee commuting	441 387	pkm	82,8	5,0%
Walk	1 646	pkm	0,0	0,0%
Bicycle	6 430	pkm	0,0	0,0%
Moped	1 442	pkm	0,1	<0,1%
Motorcycle	733	pkm	0,1	<0,1%
Car petrol	353 732	pkm	75,0	4,5%
Car diesel	24 233	pkm	3,7	0,2%
Bus	43 584	pkm	3,8	0,2%
Metro	2 923	pkm	<0,1	<0,1%
Train	6 845	pkm	<0,1	<0,1%
Upstream transportation and distribution			1 219,5	73,0%
Freight - road	-		1 219,5	73,0%
Waste	387,4	tonnes	29,9	1,8%
General waste – incineration	42,7	tonnes	22,2	1,3%
General waste – recycling	341,0	tonnes	7,3	0,4%
Food waste	3,7	tonnes	0,4	<0,1%
Fuel- and energy-related activities			87,2	5,2%
Petrol	2,9	m <sup>3</sup>	0,7	<0,1%
Diesel	3,1	m <sup>3</sup>	0,7	<0,1%
Renewable electricity	4 009	MWh	42,1	2,5%
District heating	1 484	MWh	43,7	2,6%
<b>Total GHG emissions</b>			<b>1 669,7</b>	<b>100,0%</b>
Already compensated GHG emissions (Freight – road)			699,0	
<b>Total GHG emissions to be compensated</b>			<b>970,8</b>	



## 2 Analysis

### 2.1 Current state

Edita Prima Oy is a provider of versatile graphic production services, which is specialized in print automation solutions and variable data printing. Edita Prima Oy is Nordic ecolabeled printing company meeting both ISO 9001 and ISO 14001 standards. Edita Prima Oy has also right to use PEFC-label. The company's production plant is located in Kuninkaantammenkierto 3, Helsinki, and the sales office in Verkkosaarenkatu 5, Helsinki. Edita Prima Oy is part of Nordic Morning Group.

Environmental issues are close to our hearts therefore we are committed on improving our environmental responsibility. In our environmental policy our focus areas are (1) ecologically sustainable procurements, (2) minimisation of waste, (3) climate neutrality and (4) energy efficiency. Edita Prima Oy has been climate neutral since June 2010. 2020 was 13th year in a row, when we have calculated our carbon footprint.

#### 2.1.1 Dominant emission sources

Two main sources of our emissions were transportations and heating. In 2019 there were very big change in our service portfolio when postal distribution was added to our services. This meant big increase in revenue but also unfortunately big increase in carbon emissions. In 2020 transportations represented almost 75% of our total emissions.

#### 2.1.2 Changes in GHG emissions during the period

Emissions from transportation increased about 51% in 2020. This was due to the fact that we have included postal distribution into our offering in August 2018. Previously customers were paying postal costs directly to distribution company, but the changes in postal distribution market in Finland made this change possible to use. Since 2011 we have decreased the number of our transportation suppliers, and one of the main criteria has been supplier's environmental performance and ability to offer us the carbon calculations regarding their services. In 2020 our main supplier has been Posti, and we have used their climate compensated transport services.

Emissions from district heating increased during 2020 by 17%. Edita Prima Oy is tenant in both locations (production plant and the office). District heating consumption of the whole building where Edita Prima's production is located increased in 2020 by 15% compared to previous year. Edita Prima's acreage of the production plant was 9.700 m<sup>2</sup>, which is 43% of the total acreage of the building.

Emissions from business travels decreased by 81% due to COVID19-epidemic, which in practice stopped all business travels and increased dramatically remote work. Emissions from commuter journeys decreased about 29% due to same reason.

Our total emissions increased about 33% during the period due to change in service structure.

#### 2.1.3 Limitations (activity not included in the calculation work)

Transportation emissions of purchased materials to printing plants are not included in the calculations. We are buying all our materials so that the suppliers pay the freights to our plants.

#### 2.1.4 Business benefits

Environmental issues are strategic to us. We want to be the leader in environmental responsibility in the graphic industry in the Nordic region. Knowing our impact on climate change is a very important part of that vision. And we believe that it is in the future even more important. By decreasing our own climate impact, we will be more attractive supplier to our customers.

### 2.1.5 Good examples

During the years we have made for example following actions to decrease the carbon footprint:

- We have used green electricity since 2009. This has reduced our carbon footprint enormously.
- We have also sold out the most carbon intensive parts of our production (for example Vilppula's production in December 2010).
- We have made internal arrangements so, that there are tenants in our production premises. This has meant more efficient use of premises, and more companies to share the district heating consumption.
- We have decreased the need to travel to Stockholm (to Nordic Morning Group's other companies) because of more use of video-conference equipment.
- We have used transportation companies that have better environmental performance.
- We have used climate compensated transportation services (for example Posti's "Green Mail").
- We have invested in the new lightning system, which has led into decreased electricity consumption.
- We have invested in the motion detector lighting system in the production hall. This investment means decreased electricity consumption.
- We have defined a car policy and set the maximum value for CO<sub>2</sub> emissions per kilometer.
- Our office and several other NM-companies have moved to the same premises in Helsinki in 2018. This meant improved energy efficiency and less need for business travels.
- Our sales office is located near the metro station of Kalasatama (Helsinki), which means that there is a very good chance to use public transportation when commuting.
- We have invested in video conference equipment and software which make video meetings possible.
- We have offered a one-month public transport ticket as a benefit for all our employees.
- We have increased remote work possibilities in 2020 (due to the COVID19-pandemic) so that all white-collar employees can work from home.

We have made following actions to decrease our carbon footprint during 2020 and in the future:

- We have offered one-month public transport ticket as a benefit for all our employees.
- We have increased the possibilities to work remotely from home, and we have published a remote working policy.
- We have offered to our biggest customers service where we combine recipient's data from different sources to one mail. This is part of our print automation service. With this service customers can save both money and the environment, because there will be less distributed envelopes.

### 2.1.6 Planning ahead

Our biggest emission sources are transportations, district heating and commuter journeys. Now the transportations (mail distribution) represent 73 % of our total carbon emissions. These emissions depend very much on how many big customers we have in this service segment and the mail distribution will be part of the customer contracts also in the future. In 2020 we had four big customers where mail distribution was included in the contract. If our customer amount will increase, then the emissions will also increase. If we lose either of those customers, our emissions will decrease clearly. The main part of the transportations is climate compensated, because we use Posti's green mail services.

We have arranged our premises and rental agreements so that we are able to rent out the empty parts of the building. We are continuing this process if our production volumes are going to decrease. This will mean smaller district heating consumption.

We will continue to work remotely also after the COVID19-pandemic. Experiences in remote work have been mainly positive, and it is quite probable that employees will use this benefit also in the future.

### 2.2 Long-term goals

We had already succeeded to decrease our carbon footprint by 88% from 2008 to 2018. Now because of new service structure there is a discontinuity, and we have to set new targets. Our first goal is to decrease emissions per turnover excluding mail distribution. When this situation has stabilized (no essential changes in the customer structure), then we can again head towards total emission decrease.

