

Quick Guide – ClimateCalc Basic certification

1 Administrate carbon accounts

Define the period of the company carbon account - one year period

Remember to tick mark for copy of data if you already have a certified account

Accounting version [Hide administration](#)

Delete carbon account:

Create carbon account: From To Import data from last carbon account.

2 Company information

Type in general information about the company

Remember to tick mark for the printing techniques used in the company

Carbon account | Product calculation | **Company information** | Input company | Input paper and other substrate

COMPANY INFORMATION

Company name: Speed Print
 Address: Print road 4
 Postal code: 1000
 City: Brussels
 Country: Belgium
 Number of employees: 30
 Activities and processes included in the account: Printing in sheetfed and in-house finishing
 Basic year (year of first calculation): 01-01-2014 - 31-01-2014
 Responsible for carbon calculation: Tom Hansen
 E-mail of the responsible: tom@speedprint.test
 Telephone number of the responsible: 11 22 33 44

Mark when data input is completed and the company is ready for audit (By pushing the button an e-mail is sent to the auditor): Auditing report

3 Input company

Type in data for fuels, energy, paper and paper waste

Make a clear description of all references

Carbon account | Product calculation | **Company information** | **Input company** | Input paper and other substrate

A. PURCHASED FUEL FOR BURNING IN THE COMPANY'S OWN STATIONARY BURNING UNITS

1. Natural gas: Fill in only one cell Nm³ kWh -- responsibility --
 2. LPG: Fill in only one cell m³ 150000 kg Tom Hansen
 3. Heating oil (light): Fill in only one cell litre kg -- responsibility --

Describe where data come from: Environmental account 2013

C. PURCHASED ENERGY FOR USE IN THE COMPANY AND VEHICLES

1. Electricity for use in the company: Fill in only one cell 3100447 kWh MJ Tom Hansen
 2. District heating (plant calculation): Fill in only one cell 430000 kWh MJ Tom Hansen

Describe where data come from: New Energy: Specification 2013
 Green Heat: Specification 2013

4 Input paper and other substrate

Type in data for specific paper qualities (option)

Data can be typed in from:

- PaperProfile
- CEPI Ten Toe

Carbon account | Product calculation | **Company information** | **Input company** | **Input paper and other substrate**

CALCULATED EMISSION FACTORS BASED ON TYPED DATA IN THIS SHEET

Calculated emission factors based on typed data in this sheet
 Emissions from production of paper: 507 kg CO₂ eq/t
 Emissions from transportation of paper: 122 kg CO₂ eq/t
 Typed data for part of total purchased paper: 66 %

Paper quality: Speed silk
 Paper supplier: Speed Paper
 Paper factory: Case Mill
 Comments:
 Annual purchased amount (t): 1000

L. DATA ON PRODUCTION OF PAPER

Emissions calculated on the basis of typed data in one of the following two ways: 221kg CO₂ eq/t

1. Data based on CEPI's method for estimation of Carbon Footprint in 10 parameters
 1. Carbon sequestration in forests: kg CO₂ eq/t
 2. Carbon stored in forest products: 1003 kg CO₂ eq/t
 3. Greenhouse gas emissions from forest product manufacturing facilities: 97 kg CO₂ eq/t

5 Company information

Push the button to mark the carbon account as completed. An e-mail will be sent to the auditor

NB: Afterwards you **must** upload documentation for **all** data typed in

Carbon account | Product calculation | **Company information** | **Input company** | **Input paper and other substrate**

COMPANY INFORMATION

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Mark when data input is completed and the company is ready for audit (By pushing the button an e-mail is sent to the auditor): Carbon account is completed
 Auditing report

Here you **MUST** upload documentation for ALL typed in data:

Read about the benefits of the certification on the next page

With the ClimateCalc Basic certification you get

Company carbon account as basis of the management system

Product calculation tool with options to:

- Calculate and file orders
- Print product declarations
- Manage compensation

A system for **labelling of graphic products** using ClimateCalc's QR-labels, which document that the graphic products are carbon calculated and perhaps carbon compensated

Certificate documenting that the carbon footprint calculation is composed according to ISO 14064-1, ISO 16759 and Intergraf's standard

Company:		Accounting period:		CLIMATECALC BASIC ACCOUNT	
Speed Print		01-01-2014 - 31-01-2014			
Print road 4		Basic year:		01-01-2014 - 31-01-2014	
1000 Brussels		Responsible for the account:		Tom Hansen	
Belgium		Certificate number:			
The account includes: Printing in sheetfed and in-house finishing					
Total quantity of delivered printed matters:		63431		Waste paper: 20%	
Total emissions of greenhouse gases (Scope 1+2+3):		14590 t CO ₂ eq		Key figures: 2300 kg CO ₂ eq/t	
Total energy consumption (Scope 1+2):		28039 GJ		Key figures: 4420 MJ/t	

Emissions from activities	Total emissions	
Burning of fuel in stationary burning units at the company	435 t CO ₂ eq	3%
Burning of fuel in own or leased vehicles	613 t CO ₂ eq	4%
Direct emissions (Scope 1)	1048 t CO ₂ eq	7%
Purchase of electricity	1135 t CO ₂ eq	8%
Purchase of district heating	141 t CO ₂ eq	1%
Energy indirect emissions (Scope 2)	1278 t CO ₂ eq	9%
Production of paper and other substrate	6579 t CO ₂ eq	45%
Transportation of paper and other substrate (incl. upstream)	1253 t CO ₂ eq	9%
Production of printing ink and varnish	564 t CO ₂ eq	4%
Production of PE	214 t CO ₂ eq	1%
Transportation of	0 t CO ₂ eq	0%
Transportation of	793 t CO ₂ eq	5%
Production of film	80 t CO ₂ eq	1%
Production of plate	2481 t CO ₂ eq	17%
Employer's consumption	99 t CO ₂ eq	1%
Emissions from production	262 t CO ₂ eq	1%
Other indirect emissions	12266 t CO ₂ eq	84%
Total (Scope 1+2)	14590 t CO ₂ eq	100%

PRODUCT CALCULATION

Customer: Demo company
 Product name: Demo print
 Order number: 1123456
 Responsible for the calculation: Tom Hansen
 Company name: DEMO BASIC EU
 Certificate number:

Carbon calculation of the printed matter

Production of paper: 2210 kg CO₂ eq
 Transportation of paper to the company: 2299 kg CO₂ eq
 Production of ink and varnish: 719 kg CO₂ eq
 Production of packing: 273 kg CO₂ eq
 Work of subsupplier: 0 kg CO₂ eq
 Transportation to the customer: 0 kg CO₂ eq



The carbon emission of this printed matter is evaluated according to ClimateCalc.



For further information please contact your national trade association or simply go to:

www.climatecalc.eu