



Carbon Footprint 2010

GAIA OPERATES AS A CARBON NEUTRAL COMPANY

Background information

Gaia has used four offices in 2010, occupying 322 m² of office area : Helsinki, Turku, Kouvola and Geneva (Switzerland). All Gaia's offices are located in big office buildings. In Helsinki, the electricity consumption data is measured directly by the electricity provider, elsewhere the consumption has been estimated.

Gaia employed 32 employees during 2010 (altogether 25 man-years of work).

Carbon footprint calculation

In 2010, Gaia's total CO₂ emissions decreased by 23 % from the previous year. The reduction was mainly due to decrease in business travel. Emissions from electricity and heating also diminished slightly.

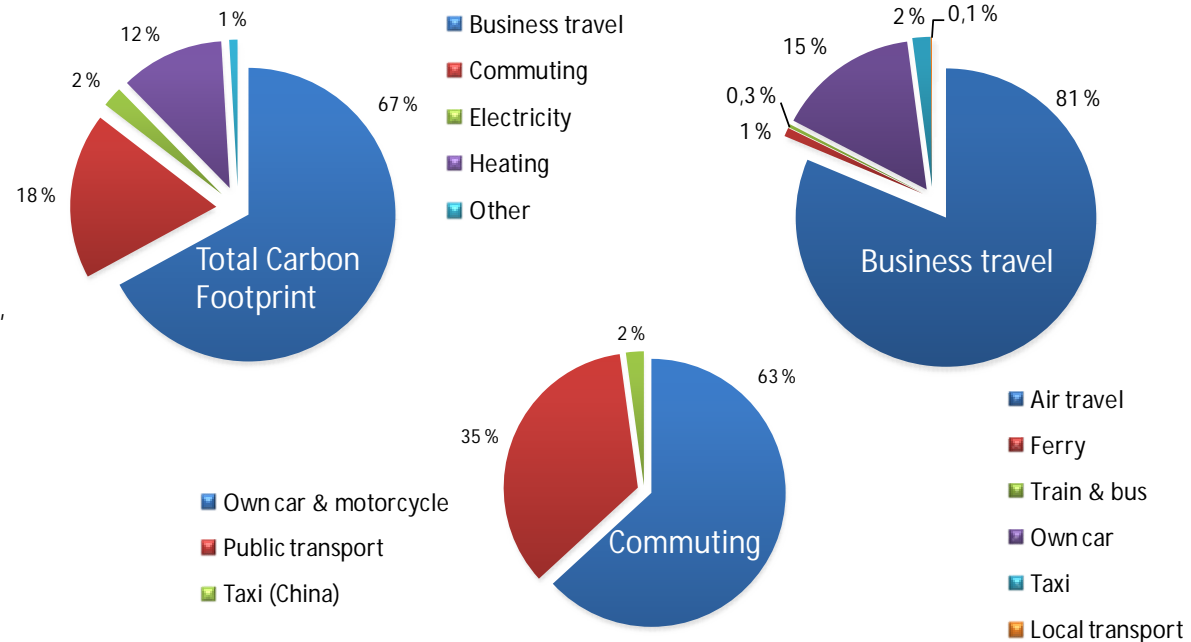
Both indicators, carbon footprint per man-year and per value added, decreased.

The carbon footprint of 2009 was updated using latest emission factors.

Emission factors are from GHG Protocol, VTT, VR, HSY, Pöyry, WWF and local energy companies. Waste is estimated using average figures in Helsinki metropolitan area.

Carbon Footprints 2007-2010

	2010		2009		2008		2007	
	tnCO ₂	%	tnCO ₂	%	tnCO ₂	%	tnCO ₂	%
Electricity	0,75	2,2 %	1,18	2,7 %	1,17	1,5 %	2,36	3,8 %
Heating	3,81	11,4 %	4,96	11,5 %	5,17	10,2 %	5,13	10,2 %
Business travel	22,42	67,1 %	31,51	72,9 %	64,44	76,5 %	44,61	76,5 %
Commuting	6,13	18,4 %	5,28	12,2 %	5,24	6,2 %	6,82	6,2 %
Other (estimates)	2,27	6,8 %	2,02	4,7 %	3,74	4,4 %	2,84	4,4 %
- Waste								
- Paper								
- Mail sent								
- Wastewater								
Total	33,42		43,22		79,77		61,76	
Margin of error	7,1 %							



INDICATORS				
	2010	2009	2008	2007
tCO ₂ / man-year	1,34	1,96	3,37	3,43
kgCO ₂ / million €	15,8	23,7	33,0	37,3

Mitigation: Efforts to reduce our footprint

- As we travel for business we favour public transport if it is reasonable considering time limitations.
- International travel and travelling between our offices is minimised whenever possible. Instead, electronic communication media is used when it is sufficient for the communication needs.
- We practice sustainable development by: minimizing the consumption of hot water and electricity (switch off and un-plug electronic devices when not in use); preferring electronic communication and decreasing the use of paper, considering the environmental impact of product life cycle as well as waste recycling; avoiding unnecessary chemicals; preferring organic and fair trade food products.

Offsetting our unavoidable emissions

We offset the greenhouse gas emissions of our operations annually through a credible offset provider in climate mitigation projects that promote sustainable development and clean energy. Our emissions in 2010 were offset through a Damao wind power renewable energy project in China (Gold standard).