



Carbon Footprint 2008

GAIA OPERATES AS A CARBON NEUTRAL COMPANY

Background information

OFFICES	Area (m2)	Heating type
Helsinki	240	district heating
Kouvola	46,5	district heating
Turku	17,5	district heating
Geneva, CH	16	electricity
Chengdu, CN *	24	electricity
Total	344	

Man-years

23,7 (18 in 2007)

Value added

2414 t€ (1658 in 2007)

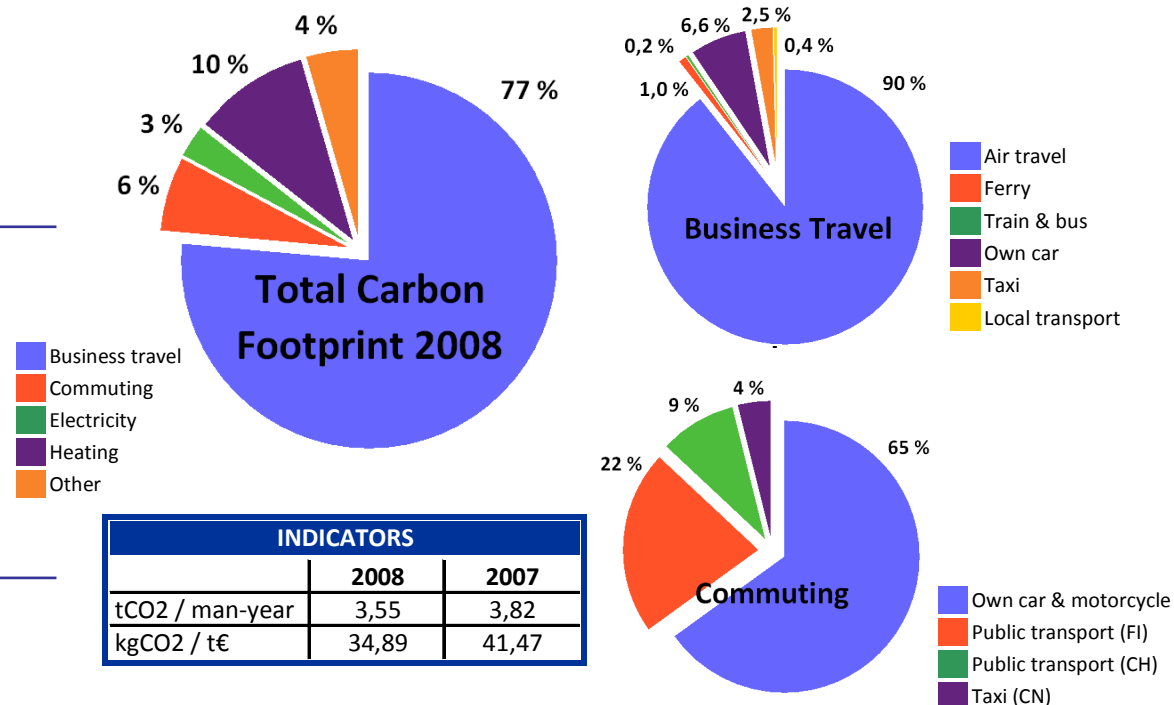
* New office opened in Oct 2008.

Carbon footprint calculation

Emission factors provided by GHG Protocol, VTT, VR and WWF
Waste calculated from average figures in Helsinki metropolitan area (YTV)

In 2008, Gaia's total CO₂ emissions increased due to higher volume of international clients (more flights) and grown number of personnel. However, both indicators (carbon footprint per man-year and per value added) decreased.

	2008				2007	
			tnCO ₂	% of total	tnCO ₂	% of total
Electricity	9 836	kWh	2,27	2,7 %	2,66	3,9 %
Heating	46 296	kWh	8,57	10,2 %	11,85	17,2 %
Business travel (excl. trains in FIN)	416 500	km	64,44	76,5 %	44,61	64,9 %
Commuting	26 300	km	5,24	6,2 %	6,82	9,9 %
Other (estimates)			3,70	4,4 %	2,81	4,1 %
- Waste (175 kg/person/year)	4 148	kg	2,49		1,89	
- Paper (15 sheets/person/day)	395	kg	1,21		0,92	
- Water (20 l/person/day)	98 750	l	0,08		0,06	
Total			84,22		68,75	
<i>Margin of error</i>			2,5		2,0	



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 traveling 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 2008 were offset through investment in a renewable energy / wind power project in China (CER Gold Standard).