

Our ecological footprint

We understand that the health of our business is linked to the environment in which we operate. We have made a firm commitment to reduce the carbon emissions of our business and are implementing a number of strategies to achieve this. Our plans focus on reducing emissions through improved energy efficiency in travel, procurement, buildings and IT.

Our green agenda 2011

Our desire to run a sustainable business is defined by an ambitious target for reducing our carbon footprint. Last year was the second year of this plan; so far we have reduced carbon emissions by 25% since 2006/2007 levels and are on target to reach our goal of a 40% reduction in by 2011.

Green buildings

We have reduced the amount of office space we use from 2007/2008 levels of 132,731m² to 124,765m² and have taken steps to ensure that energy use in these buildings is environmentally friendly. With effect from calendar year 2008, we purchase our electricity from renewable energy sources.

Green transport

The travel requirements of our employees are a large source of carbon emissions. In this area we have made changes to our car-lease programme to offer reduced lease rates to employees on a range of hybrid and fuel efficient cars which meet energy label A, and have CO₂ emissions of less than 148g/km. In 2008 more than 20% of cars ordered met these standards. We also encourage our employees to use public transport with our subsidised NS Business Card. This works towards our goal of exchanging 10% of car journeys to rail travel by 2010.

Green procurement

We carefully examine the sustainability credentials of our suppliers. By selecting flexible service level agreements that include green and social measures we make sure that our commitments to sustainability are not undermined by outside factors. We also ensure the majority of our office paper is sourced sustainably and has Forestry Stewardship Council approval. In addition, we have introduced a new "five-stream" waste collection initiative in our new Maastricht office, which will be rolled out across our offices in the coming months; our waste is divided into five categories which allow for efficient recycling, processing and disposal.

“We encourage our employees to use public transport with our subsidised NS Business Card.”

Thinking green

Training our employees to think about how their actions affect the natural world can have a big impact. A desire to help the environment cannot simply be imposed by management; it requires the cooperation and participation of all our employees. The facility employees in our offices are trained on the subject of energy management and discuss ways to realise carbon savings in regular meetings. Also, our intranet site and internal magazine keep staff up to date on the latest sustainability initiatives.

Green IT

We set the challenge of reducing total IT energy consumption by 10% per year. The Deloitte Cyber Centre managed to keep the energy usage at the same level, while meeting increasing business demands.

During the year under review the Deloitte Cyber Centre performed the "Deloitte Sustainable Data Centre Scan". This scan is performed to identify opportunities for improvement and look at initiatives in the attention areas shown below:

- 1 Sustainable IT strategy
- 2 Sustainable IT management
- 3 Sustainable application landscape
- 4 Sustainable data storage
- 5 Sustainable IT infrastructure
- 6 Sustainable IT facilities

The Deloitte Cyber Centre deploys several initiatives, for example:

IT components are assessed for energy efficiency, during both purchasing and use. Older, less efficient hardware is replaced in an ongoing cycle.

Large organisations have huge data storage requirements, so our Cyber Centre makes savings by providing different storage types with unique energy consumption profiles. For example, archived files from a closed account may be stored offline with low power consumption, while frequently-accessed data will be kept online. Monitoring on claimed storage space is performed.

The Deloitte data center is monitored with sensors to ensure temperature and humidity remain at optimal levels and at minimum energy-cost. By increasing the data center temperature, the Cyber Centre diminishes energy necessary for cooling. Energy efficiency is monitored in monthly management meetings.

Basic assumptions of the overall carbon reduction target 2011:

- The main contributors of carbon emissions are; heating, electricity, car travel (excluding commuting), flights and paper consumption. Our reduction scheme targets these areas
- Our focus is on the reduction of CO₂ emissions and does not account for other greenhouse gas emissions or their CO₂ equivalents at this time
- We will realise our target by taking measures on the contributors listed above, purchasing renewable energy, offsetting our carbon emissions and through generic developments (EC directive on carbon emission of cars)

Ecological footprint

Category	Description	2008/2009	2007/2008	2006/2007	Unit
Travel	Number of lease cars	3,718	3,403	3,500	-
	Number of business km per lease car	22,869	22,500	22,000	km
	CO ₂ emission per lease car based on km ¹	4.69	3.94	4.07	tCO ₂
	CO ₂ emission per lease car based on litres ²	3.73	-	-	tCO ₂
	Number of flown km per FTE ³	2,788	4,179	3,177	km
Building & energy	Square meters in use (year end)	124,765	132,731	143,268	m ²
	Energy consumption (kWh per m ²) ⁵	122	117	133	kWh
	Energy consumption per Fte	2,975	3,276	3,527	Fte
	Increase/ decrease in consumption (kWh per m ²)	-11.82%	-7.70%	1.45%	%
	CO ₂ emission due to energy consumption ⁶	0	7,398	8,293	tCO ₂
	Percentage energy consumption Deloitte Datacentre ⁷	27%	26%	20%	%
Non-hazardous waste & disposables	Total paper in use	363,712	456,383	545,890	kg

NS Business Card	2008/2009		2007/2008	
	Number of journeys	km	Number of journeys	km
Taxi	1,580	8,238	2,009	11,660
Train	25,431	2,815,357	17,228	1,842,189
Bicycle, etc.	3,073	-	1,085	-
Total until March 2009	30,084	2,823,595	20,322	1,853,849
Total ⁸	32,792	3,077,719	25,403	2,317,311

1 During 2008/2009, CO₂ emission values were adjusted in the GHG protocol. This causes an increase in CO₂ emission per lease car based on km. Based upon the CO₂ emission values 2007/2008 CO₂ emission per lease car would be 4.07, based upon emission values 2008/2009 CO₂ emission per lease car is 4.69

2 Reporting in litres is more realistic in the CO₂ emission

3 Data based on flights booked by our preferred travel agent

4 For continental flights we used the short-haul conversion factor; for intercontinental flights we used the long haul conversion factor

5 Energy consumption is based on the weighted average of m² of which 60% is calculated and 40% estimated

6 We purchase all our electricity from renewable energy sources, the CO₂ emission is therefore 0

7 Due to the reduction in office space (per m²), this percentage has increased

8 Exploration 12-month period multiplier 1.09 based on estimation of growth