

ENVIRONMENTAL PERFORMANCE OF TERRA NOVA LTD

27/3/2011

For the first four years of the implementation of the Environmental Management System, our company has achieved the following environmental objectives and programs:

Organization and implementation of a recycling program for hazardous and non hazardous wastes

Our company has successfully organized a recycling program for paper, packaging materials, inks, small batteries, electrical and electronic equipment and light bulbs.

Specifically, the following types of waste have been collected for management by licensed companies:

Type	2008 – 2011
Inks	210 pieces
Small batteries	14 kg
Electrical and electronic equipment	44 pieces

The paper recycling records for the years 2008 - 2011 show that the composition of the waste is:

CATEGORY	Researched Percentage	Researched Quantity (kg/employee/day)	Recycled quantity in TN (kg/employee/day)			
			2008	2009	2010	2011
White paper	20%	0.32	0.17	0.19	0.03	0.06
Magazines and Newspapers	13%					
Other paper	13%					
Paper boxes	14%	0.1	0.4	0.017	0.011	0.007
Total paper		0.7	0.57	0.1	0.041	0.067

Our company has set a target of achieving:

- 100% recycling (inks, batteries, electrical equipment)
- Total recycling of paper at same levels as 2011.

Monitoring of water and energy consumption

Water and energy consumption are recorded in appropriate forms.

Energy consumption for the year 2011 (68.6 KWh/m²/year) is higher than the relevant consumption of 2010 (62.9 KWh/m²/year) as well as slightly higher than the average consumption for same category office buildings in Greece (60 KWh/m²/year). The energy consumption index, for the last of 4 years, is shown in the following table.

Energy consumption index per person in KWh/m ² /year				
2007	2008	2009	2010	2011
102.1	66.3	60.3	62.9	68.6

The 2012 target value for the electricity consumption is 63 KWh/m²/year.

Water consumption for the year 2011 (10.8 m³/person/year) is in higher levels than the consumption of the year 2010 as well as the English Benchmark (9.3 m³/person/year). The water consumption index within the last 5 years, appear in the following table.

Water consumption index per person in m ³ /person/year				
2007	2008	2009	2010	2011
7.4	8.5	25.4	8.5	10.8

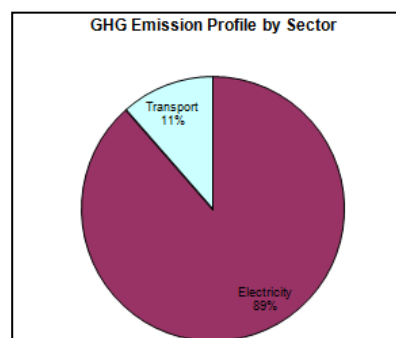
The 2012 target value for water consumption is set below the limit of 8.5 m³/person/year.

Air emissions from vehicles

Since 2010, the distance (Km) covered by the associates to various customers of the company (for measurements, visits, audits etc.) is recorded in appropriate forms, in order to calculate the amount of CO₂ produced.

Calculation of CO₂ emissions during the company's activities

In 2011 the amount of CO₂ emissions arise from transportation was in same levels as 2010, while from energy consumption was 16 tCO₂ (15 tCO₂ in 2010).



Assessment and improvement of the environmental conditions in our company's offices

In order to assess the air quality of our offices, the company annually distributes questionnaires to the employees and performs measurements of important physical and chemical parameters (CO₂, VOCs, particulate matter, temperature, humidity, noise, lighting, air velocity).

Organization of "green" supplies

Organization of data regarding environmental friendly suppliers was performed while the use of mild environmental friendly detergents was applied.

Information, training and awareness

Considering the participation of all associates in the Environmental Management System as essential and useful, the company performed a series of trainings, through which useful advice, conclusions and suggestions for improvement came up. The results of the above mentioned actions led to the continuous improvement of the Environmental Management System

**Our company is committed towards the continuous improvement of its
Environmental Performance**