

# Voluntary Carbon Management

A unique, high quality service

*Supporting a fast transition to a low carbon economy and society*



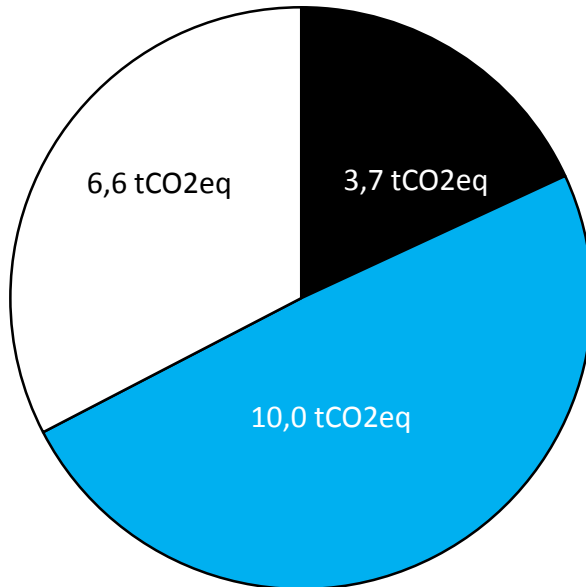
5th Dubrovnik International Conference 2009 - SWEDES09

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Carbon offset summary:

**Total carbon neutralised for the Conference: 20.3 tonnes of CO2 equivalent**

(By conference organisers and participants)



## ■ Organisation travel

- **Air travel** : 4 return trips from Zagreb, 1 from Brussels, 1 from Lisbon, all economy class
- **Car use**: 5 vehicles (4 different models) each travelling 1220 Km (Zagreb – Dubrovnik, return)

## ■ Event and local logistics

- **Flat 10 tonne offset**: overestimate of emissions resulting from energy and other utility use of event venue, local transportation, guest accommodation and catering, production of materials.

## □ Participants' airtravel

- **Return, economy class air travel to Dubrovnik from**: Philadelphia (US), Copenhagen (DK), Billund (DK), Brussels (BE), Nantes (FR), Dublin (Ireland)

# Its not too late to offset your travel emissions!

Fly e)mission neutral

## You can still offset your travel emissions associated to this event

Easily, online, from your hotel, or when you arrive home.

1. Use the online, free, flight carbon calculator at [www.e-missionneutral.com](http://www.e-missionneutral.com)
2. Register your name and details
3. Purchase your offset using paypal or credit card

You will receive a digital carbon offset certificate, and proof of purchase.

For any offsets for air travel originating from Dubrovnik, in the month of October, we will send you a personalised, numbered and signed e)mission neutral certificate and "I'm flying e)mission neutral" luggage tags.



- *In line with high quality requirements, all these materials are produced using Elemental Chlorine Free (ECF) printing on Forestry Stewardship Council (FSC) certified paper.*

## Our aim:

A fast transition to a low carbon economy

## Examples of projects we support

Project types

We acquire and develop carbon credits from projects with **fast** effects, based on **methodologies approved** by the **Kyoto Protocol CDM / UNFCCC**, and that make a real contribution to sustainable development:

- Energy efficiency
- Renewable energy
- Clean technologies / methane emission avoidance

**CO<sub>2</sub> reduction is urgent.** Our projects rapidly result in emission reductions that would take trees decades to achieve, and we promote solving the problem **from the root.**

the low carbon way

- ▶ **Improved biomass technologies**
  - Both supply and demand: efficient production of charcoal, improved efficient stoves.
- ▶ **Energy from forestry and agricultural residues**
  - Compression -> briquettes
  - Thermochemical treatment -> charcoal
  - Combustion -> combined heat and power
- ▶ **Wind turbines, Solar panels, small/mini Hydro projects**
  - Abundant and clean energy sources
  - Avoid use of diesel or coal generators
- ▶ **Energy efficient equipment**
  - Domestic: e.g. efficient light bulbs (CFL)
  - Industrial: e.g. plant upgrades
- ▶ See list of some of the projects generating carbon credits in our portfolio:  
[www.e-missionneutral.com](http://www.e-missionneutral.com) > **projects > our projects**



# Robust quality control

The distinguishing factor in voluntary carbon markets

1. Carbon credits developed using **methodologies approved** by the United Nations (**UNFCCC** / CDM Executive Board)
  - **VERs / CERs:** whether *Verified Emission Reductions* or *Certified Emission Reductions*, **all are validated and verified** by independent auditors accredited by the UN.
2. Projects follow the guidelines and are certified by international standards, such as the **Gold Standard**, developed and supported by the **WWF**, or **VCS** (Voluntary Carbon Standard), supported and developed by the **WBCSD** and others.
3. Annual Carbon Report and Carbon Registry audited by **KPMG Advisory**
4. Scientific, technical and pro-sustainability credibility assured by our international **Environmental Steering Committee:**
  - Chair: Dr M G Carvalho, Professor (Instituto Superior Técnico, Lisbon)
  - University of Oxford (Environmental Change Institute)
  - Finnish Institute of International Affairs
  - University of Zagreb (Chair Power Engineering & Energy Management)
  - Universidade Eduardo Mondlane (Engineering Fac) (Mozambique)



# GHG

Powering e)mission

GHG, Emission and Carbon Reduction Company, Ltd,  
based in Lisbon, Portugal, servicing internationally

- **Carbon advisory:** we provide world-class advisory services on carbon strategy
- **Carbon asset development:** we source, develop, monitor and manage emission reduction projects
- **Transaction specialists:** we identify and contract high-quality emissions reductions (CERs & VERs) for large buyers
- Agents or suppliers for private carbon funds as well as sovereign compliance funds

GHG also develops and acquires  
VERs - Verified Emission Reductions  
for its own offering of services in  
**voluntary carbon management**,  
offered through the brand



## Contacts

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