



HIGHLIGHT

General Objectives:

- Evaluate and take responsibility for the carbon impact resulting from the Delegation's mobility to and accommodation during the Climate Change Conference.

Specific Objectives:

- Calculate the carbon foot print of air travel, hotel accommodation and local mobility, using approved methodologies and emission factors;
 - Offset all carbon emissions resulting from the Portuguese Delegation's participation in Cancún, using international high quality carbon credits (VER – Verified Emission Reductions).
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The Official Portuguese Delegation in Cancún (COP16) offsets all carbon emissions

e)mission measured and compensated 96.63 tonnes of CO₂, by supporting emission reducing projects that contribute to sustainability in developing countries.

The Official Portuguese Delegation to the United Nations Framework Convention on Climate Change 16th Conference (UNFCCC-COP16) in Cancún, Mexico, pursuing the principal outlines of the event, chose to offset, for the second year, the principal carbon emissions related to its participation in this initiative through e)mission.

Measured Emissions

e)mission calculated a **carbon footprint of 96.63 tonnes of CO₂**, with reference to the main emission sources, including air travel, hotel stays and local mobility in Cancún (shuttle services) of the Portuguese Delegation elements.

Offset of all carbon emissions

The offset of all emissions was carried out through high quality carbon credits originated by projects in the the e)mission portfolio that reduce greenhouse gas emissions while contributing to sustainability in developing countries, following the approach of the Kyoto Protocol. This way the Portuguese Delegation has been awarded the **e)mission neutral certification**.

Besides reducing greenhouse gases emissions, the e)mission projects portfolio contributes to enhance quality of life and promotes the sustainable development of affected local communities. These projects follow approved methodologies for the Kyoto Protocol's *Clean Development Mechanism*. Projects are validated according to the most demanding international standards.

This offset allowed the support of projects from Brazil, Kenya and South Africa.

Equivalent Impact

The 96.63 tonnes of CO₂ emissions that were measured and offset by e)mission, are roughly equivalent to the following: approximate carbon impact of electricity consumption of 140 Portuguese homes for a year; footprint of an annual fleet of 25 vehicles (Ford Mondeo, 2.0 diesel, 25 000 km/year); carbon dioxide volume equivalent to 19 hot air balloons.

Portuguese Official Delegation in Copenhagen during COP15

Last year, **e)mission measured and offset 107.3 tonnes of CO₂ emissions**, in relation to the participation of delegates, including the Prime Minister and Secretary of State for Environment, Chiefs of Staff, advisers and other experts. The foot print study included flights, hotel stays and local travels in Copenhagen.

A **TerraSystemics**, Lda develops consultancy and projects in environment, energy and climate change areas, with a strong component of consultancy in the field of international development and climate change. Other information about TerraSystemics can be obtained through the site <http://www.terrasystemics.com/>. TerraSystemics represents, exclusively for Portugal, **e)mission**, a brand for integrated carbon management for the voluntary (not regulated) sector.

e)mission provides an integrated service for enterprise carbon management, including offsetting using carbon credits issued to industry leading international standards. These derive from sustainable energy projects in developing countries, thereby aiding in the transfer and uptake of clean technologies which improve living and working conditions in local communities. e)mission is a leading provider of voluntary carbon management in Iberia, with full services of energy optimization and carbon management also in Spain and Andorra, with clients in other EU countries. e)mission is a registered brand by Access2 Carbon Markets, Lda, a Portuguese company specialized in Carbon Markets and Low Carbon Services.

For more information please contact:

- Sérgio Teixeira Santos –
Director,
e)mission (TerraSystemics)
sergio@e-mission.pt
Tel +351 21 343 3266

www.e-missionneutral.com
www.terrasystemics.com

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