

## EDP and e)mission make Christmas at the Zoo more environmentally friendly



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### HIGHLIGHT

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#### General objectives:

- Evaluate and take responsibility for the carbon impact resulting from the installation of the Christmas tree at the Zoo.

#### Specific objectives:

- Measure the carbon footprint of the electricity consumption of the lamps used to decorate the Christmas tree and of the transportation of materials during assembly and disassembly of the tree;
  - Offset all carbon emissions resulting from EDP's initiative.
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### EDP's Christmas Tree at the Lisbon Zoo is e)mission neutral

In keeping with its policy of environmental responsibility, EDP requested e)mission to calculate and offset 100 per cent of carbon emissions resulting from the Christmas Tree lighting at the Zoo, in Lisbon.

#### Measured Emissions

In whole, e)mission offset **0.18 tonnes of carbon dioxide (CO<sub>2</sub>) equivalent**, with reference to the main sources, including electricity consumption of the lamps used to decorate the Christmas tree and the transportation of materials during assembly and disassembly of the tree.

Sérgio Teixeira Santos, Chief Executive of **TerraSystemics**, a company specialized in consultancy and project development in the environment and energy areas, representing e)mission in Portugal, emphasised the importance of EDP's commitment to the environment: "This tree uses ultra-efficient lighting technology – LEDs. This way it can give a lot of happiness to the children who visit, with minimum carbon impact. By offsetting all non-avoidable carbon, EDP is serving as example and raising public awareness about the need to make Christmas more environmentally friendly".

#### Equivalent Impact

The **0.18 tonnes of CO<sub>2</sub>** that were calculated and offset by e)mission, are roughly equivalent to the following: approximate carbon impact of electricity consumption of one Portuguese home for a month and also to the footprint of 1500 km traveled in a small car.

The offset of all emissions was carried out through high quality carbon credits originated by projects in 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 EDP's Christmas Tree at the Lisbon Zoo has been awarded the **e)mission neutral certification**.

This offset allowed the support of projects from Brazil, Kenya and South Africa. These projects include renewable energy, energy efficiency and waste management.

EDP is a leading company in the energy sector and includes values and commitments regarding their customers, society and the environment, in its culture. EDP is an integrated energy company, leader in value creation in the markets where it can make a difference and shared by the universe of EDP employees, spread across different continents and countries - the Iberian Peninsula (Portugal and Spain), France, Belgium, Poland, Romania, United States and Brazil. More information on EDP can be obtained in its website [www.edp.pt](http://www.edp.pt)

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**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. TerraSystemics represents e)mission in Portugal. More information on TerraSystemics can be obtained in the website [www.terrasystemics.com](http://www.terrasystemics.com).

**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. More information about e)mission can be obtained through [www.e-missionneutral.com](http://www.e-missionneutral.com)

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