

**CASE
STUDY**

Case Study

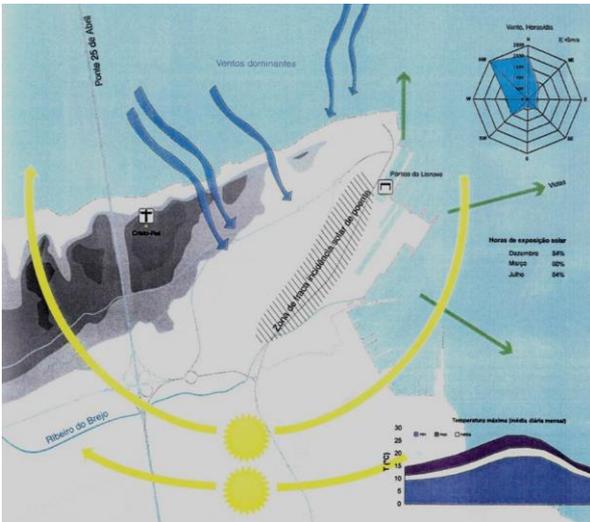


Clean Energy

Almada, Portugal - “Almada Less Carbon” Fund

Located on the south bank of the Tagus River across from Lisbon, Almada enjoys Subtropical-Mediterranean climate with mild winters and warm summers. Heating as well as cooling needs are limited. Almada is one of 18 municipalities within the Lisbon Metropolitan Region, with 174,030 residents living in an area of 72 km². Almada City Council has been developing policies and strategies towards a more sustainable city launching several projects aiming at promoting public transport and soft transport modes, such as a light rail system and cycling, energy efficiency in municipal buildings and facilities, and public lighting. Almada is planning the orientation on a new urban development on the east side to profit from natural cooling and heating from wind and solar (see wind and solar map below) as well as green infrastructure.

Eastern Almada Urban Plan - wind and solar energy use



Source: <http://www.cedec.com/files/default/8-10-14-cf-energy-ability-for-urbanization.pdf>

Another very important measure is the on-going implementation of a remote control system to manage the public lighting infrastructures of the municipality. Along these lines, the Municipality of Almada was among the first signatories of the Covenant of Mayors. The Almada Local Strategy for Climate Change contains a number of actions targeted at reducing the energy consumption of buildings and transport sector. To support these actions the Almada’s Carbon Fund “Almada Less Carbon”, was created in 2009. It supports local energy efficiency investments, serving as a benchmarking instrument for the actions of other key players in the mitigation of GHG emissions, whether from the public or private sector.

References

<http://www.energy-cities.eu/Almada-Portugal>

Freitas, C., Sousa, C., Energy Ability for Urbanisation: an approach to a smarter land use in Almada, Presentation to Energy Transition, Engine of Growth in Europe’s Regions? Open Days Brussels 2013
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Credentials

Authors: Paul Suding, and Florian Steinberg. Edited by: Florian Steinberg