

Title: Lisbon Square Solar Design

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ABSTRACT: Solar XXI building is a prototype of low and active solar strategies have been applied and lighting, combining also an extensive Solar XXI was built in 2006 and is considered ...

Built in 2006 as part of a research project, its main objective is to be an example of a low energy office building using a combination of passive design techniques with renewable energy ...

nergy per-formance 1/10 regarding a standard Portuguese office building. From the NZEB goal perspective, the build-ing, which design is based on a combination of passive design ...

Increasing the solar heat gains in winter time consisted one of the ...

Increasing the solar heat gains in winter time consisted one of the dominant strategies in the building design, by adopting essential features such as location, size and orientation (south) of ...

This renovated apartment in Lisbon counteracts an outdated 19th-century floor plan with simple, but clever interventions.

This building in Lisbon, Portugal called Solar XXI is a 1500 square meter office and laboratory building that functions as a near zero energy building. It uses natural ventilation and ...

In this context the present paper presents the energy performance of the solar office building, Solar XXI, built in 2006 in Lisbon as a demonstration project.

The Solar XXI building is the new office building with laboratories of the INETI organisation. It demonstrates: energy consumption for Comfort and Day-lighting; Integration of renewables ...

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