21ST OSCE ECONOMIC AND ENVIRONMENTAL FORUM

"Increasing stability and security: Improving the environmental footprint of energy-related activities in the OSCE region"

SECOND PREPARATORY MEETING

16-17April 2013, Kyiv

Session IV

SUPERVISORY AND CONTROL OF URBAN SERVICE

NETWORKS IN SMART CITIES, THE CASE of

VALDESPARTERA,

Zaragoza (SPAIN)

SUSTAINABLE URBAN PLANNING

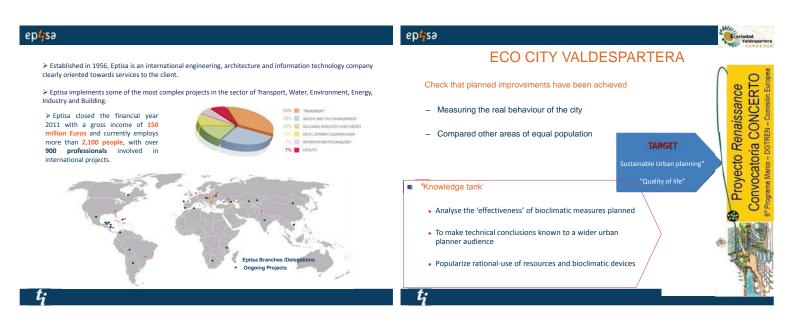
Mr. Frauca, EPTISA, Spain



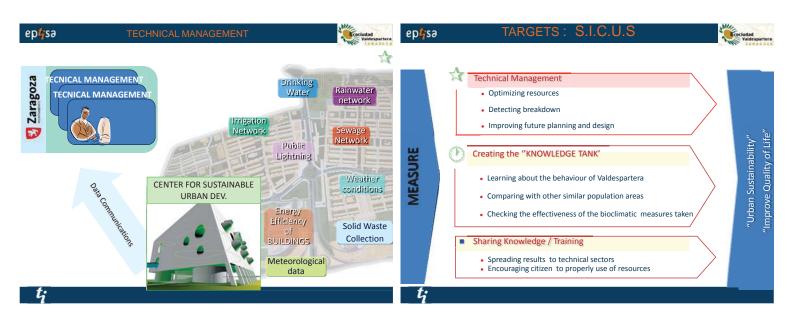
EEF.NGO/21/13 17 April 2013

ENGLISH only









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TECHNOLOGICAL INFRAESTRUCTURE

MISSION: Using a unique technological infrastructure to collect data from all the different networks and store it in a main-server-computer.

CENTER FOR SUSTAINABLE URBAN DEVELOPMENT (C.U.S)

'DATA INTERPRETATION' CENTRE

Data collected:

- Meteorological data
- Environmental conditions
- Power and gas consumption
- Energy efficiency of buildings
- Water supply
- Irrigation network
- Urban Solid Waste
- Sewage and rainwater

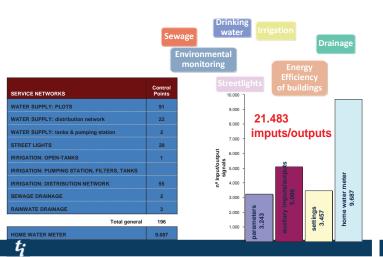


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eptsa URBAN SERVICE NETWORKS



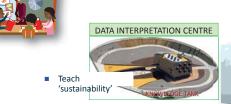








 Learn about energy efficiency and urban sustainability



 Check results, share experiences and distribute the knowledge

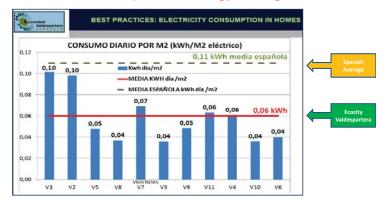
Share and create a sustainable urban planning

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Valdespartera: Energy Savings



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Valdespartera: Achievements and Awards

✓ International Awards







2004 & 2006

2007

2005 ✓ Improvement of Quality of Life in Zaragoza outskirts



