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8TH RENAISSANCE MEETING – 10/1/2009 – 10/2/2009



RENAISSANCE ZARAGOZA

WP 2.1: Integrated energy network.

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WP 2.1 (Progress)



RENAISSANCE
- ZARAGOZA -
SPAIN

✚ Integrated energy network.

- **UdZ** has directed its efforts in conjunction with other partners (**EVZ, Endesa (EDE)**) for:
 - ▶ Defining conditions for the last remote networks to be connected the overall network of Valdespartera area : this network will meet some Valdespartera general objectives of measuring and controlling, in addition to the specific aims of Renaissance, targeted in :
 - WP 2 (monitoring) to WP 3 (demonstration) and WP 4 and WP 5
 - ▶ Connecting to the network of different types of probes used to monitor
 - Thermal, comfort and microclimate variables
 - Electric energy consumption
 - Natural gas used for heating and HDW
 - Other variables to the information provided in the CUS (Demonstration Centre in Valdespartera area)



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Integrated energy network

Future developments

▶ 12 months scenario:

- Complete network operability
- Incorporating the full functionality to CUS for implementing the various objectives in demonstration (WP 3) and training (WP 5)
- Monitoring on refurbished buildings in Picarral

▶ 18 months scenario:

- Idem, with emphasis on WP 1.5 and on monitoring for analysis
- Monitoring on Cándido Domingo public school



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