

# Joint ECO-City Development in Scandinavia and Spain: ECOCITY



**26,460 m<sup>2</sup> of New and refurbished ECO-dwellings in Tudela**

- ✓ QUEILES EFICIENTE: 122 New Eco-dwellings ( 5 blocks); tertiary building (Urban residues management)
- ✓ LOURDES RENOVE: 146 Refurbished Eco-dwellings (10 blocks); biomass district heating for 486 dwellings

**Renewable energy supply (RES):**

- ✓ 2.7 MW biomass boilers; 15.48 m<sup>2</sup> solar collectors for domestic hot water; 58m<sup>2</sup> photovoltaic panels.



Ayuntamiento  
de Tudela

**zabala**  
innovation consulting

**cener**  
centro nacional de energías renovables

Formación en Energías Renovables  
**CENIFER**

**Gobierno  
de Navarra**

Universidad Otto von  
Guericke de  
Magdeburgo, Alemania

**CONCERTO**



## CO2-emission reduced by 71.2 %

- ✓ Distric heating: anual enery savings 46.4%
- ✓ Eco-buildings: anual energy savings ≥ 55 %

## *Joint ECO-City Development in Scandinavia and Spain: ECOCITY*



- Cooperation between political statements
- New financial models
- High social impact: increase of quality of life, wellbeing and health of the inhabitants
- Key role of inhabitants and social participation
- National and international recognition (Awards: <http://www.youtube.com/watch?v=sJwOHX0A8wU>)

