

InSmart

Integrative Smart City Planning

EU code:
FP7-ENERGY-SMARTCITIES-
2012

Start date:
December 2013

Duration:
36 months

Total cost:
€ 2.421.948

EU contribution:
€ 2.146.104

EU contribution to the
Municipality of Cesena:
€ 209.216

Cesena budget:
€ 19.344

Funding Programme:
VII Framework Program me



Comune di Cesena

PARTNERSHIP

Coordinator:

- CRES – Centre of Renewable Energy Sources and Savings (EL)

Partners:

- Municipality of Cesena
- University of Nottingham (UK)
- Municipality of Nottingham (UK)
- MVA consultancy – engineering company (UK)
- E4sma srl - Technopole of Turin- (IT)
- New University of Lisbon (PT)
- EPBD – energy solutions company (PT)
- Municipality of Evora (PT)

OBJECTIVES

InSmart has been presented in the VII Framework Programme, and aims at developing a “smart” model for an integrated system of energy planning, workable in each partner city.

The smart model will take in consideration multiple targets: it will deal with energy performance in public and private buildings, the urban transport network, and the waste and water management.

The project began with the classification of the different categories of buildings in the four partner cities, and with the analysis of the data about the transport network, the waste, sewage and water management.

At the end of the project, each partner city will develop its own integrated system of interventions, promoting environment sustainability.

ACTIVITIES

During the 36 months of the project, the following activities will be performed:

- definition of an operational plan of interventions, fostering environment sustainability, in connection with the municipal energy plan.
- collection of energy data on a

representative sample of urban area buildings in Cesena, through energy analysis (audits) offered to citizens and businesses;

- integration of the interventions set out by the municipal energy plan, with other complementary plans in related sectors, in order to organize a set of effective work instruments .

EXPECTED RESULTS

The project aims at developing the best combination of short, medium and long-term actions, in order to guarantee the sustainability of the energy flow in different sectors of the city. Environment, economic and social factors will be taken in account. The project will analyse the energy system in each partner city, for each sector concerned, and a GIS database will be realized to collect the data of energy consumption.

In addition, a medium-term implementation plan will be organized. It will be realistic and applicable, and it will describe the steps, the assets and the monitoring procedures, specific to each partner city.

This approach will be employed in all the four partner cities, all actively involved in the development of a more sustainable energy system.

Project manager:

Gianni Gregorio

Territory and Environment Safeguard Sector

Tel. +39 (0)547 356356
gregorio_g@comune.cesena.fc.it

Contact person - Cesena:

Elena Giovannini

European, National and Municipal Projects Service

Tel. +39 (0)547 356392
giovannini_e@comune.cesena.fc.it

