

EMPOWER

More Carbon Reduction by Dynamically Monitoring Energy Efficiency



EMPOWER Regional Action Plans in action

Press release n. 7

EMPOWER: The Empower Project collaborates with the Tuscany Region to improve the Florence control room and reduce energy consumption: towards a smart city network for regional data collection

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The European Empower project, of which ARRR is the Italian partner, is developing proposals to suggest how to improve the Smart city control room in Florence, the subject of a project thanks to which it will become a state-of-the-art facility throughout Europe.

The smart city control room in Florence already processes an impressive amount of data, from traffic to pollution, which it makes available to administrators and citizens.

Empower's goal is to evaluate data on public energy consumption (electricity and gas) in order to set the best strategies for reducing consumption and energy efficiency: this was discussed in the online meeting on 31 July.

The meeting was attended by the staff of Empower of ARRR, the technical office of the Tuscany Region, the IT company that is implementing the regional control room.

The Tuscany Region (with the sector for the transition to digital and technological infrastructures) confirmed the commitment already in place to create a technological infrastructure, i.e. a data collection platform, to be made available to local authorities or other public entities, in order to arrive at a regional network of smart cities.

The goal is therefore to create a flexible infrastructure capable of satisfying multiple needs: the first subject on which to test it is precisely the Municipality of Florence which has indicated the need, in particular by the technological infrastructure development service directed by Gianluca Vannuccini, to implement the platform on a data center with high-level quality, precisely at the regional data center.

Future implementations with other municipalities or on other domains are planned.

The Empower project and the Tuscan Digital Agenda Regional Implementation Office agree that introducing the topic of energy consumption is of great interest because we are increasingly understanding how the management of multiple heterogeneous data sources can increase the possibility of creating smart city services.

The strategy to reduce consumption and combat climate change passes through the improvement of knowledge and technologies, and to this the Empower Project, the Tuscany Region, the local authorities are working with great commitment.

EMPOWER is a five-year, inter-regional project which commenced January 2017. The project aims to reduce carbon output by dynamically monitoring energy efficiency in buildings, with a special focus on innovative methods of financing. Consisting of 9-partners: from Ireland, Slovenia, Portugal, Italy, France, Sweden, Poland, Germany and Spain. The project was approved for a grant of € 1.90 m by the Interreg Europe Programme, through the European Regional Development Fund.

For more about the EMPOWER project you can read here www.interregeurope.eu/empower or follow us on Twitter <https://twitter.com/interregempower> and Facebook <https://www.facebook.com/Empower0/>

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