

Smart Cities through smart Clustering striving for Excellence

The context

Cities have the challenge of becoming smarter to better manage their resources and targeting less polluted and healthier cities. The mobility and logistics business represents one of the energy consumers and the main source of urban air pollution. As mobility trends and emerging technologies are positioned as enablers for achieving more sustainable urban mobility, they should follow an integrated approach in the smart cities' paradigm. This paradigm acquires even more relevance at a time when more than half of the world's population, 54.5%, lives in urban environments and the percentage is expected to rise to 75% by the year 2050, with the resulting stress on basic services, water resources, energy, etc., they all aggravated by the growing effect of climate change.

The project

Smart Cities through Smart Clustering develops a relationship model between clusters related to aspects of the Smart City paradigm and establishes the bases of a collaborative network that includes some of the most relevant ecosystems of the Smart City model: **Mobility, Energy, Environment, and ICT.**

A network to promote long-term, cross-sectoral, cross-geographic initiatives capable of generating a clear impact in the different involved territories through the collaboration of their productive fabric and the transmission of knowledge and generation of new value chains.

It is a challenge with a necessary precondition: the search for excellence in the management of the clusters involved and a process of mutual knowledge, the sharing of best practices, and the establishment of a trusting environment that accompanies these actions and a joint strategy.

The objectives

- Establishment of an environment of trust and mutual knowledge among the clusters involved
- Identification of best practices in relation to management of the organizations involved, value proposal delivery to the respective members and sharing of the know-how associated with reference themes (mobility, energy, environment, ICT, etc)
- Identification and definition of a common strategy around the theme of Smart Cities capable of generating a framework of long-term relationship between the clusters involved and laying the foundations of future member (clusters) incorporations.
- Definition and execution of a Plan of Actions aiming at implementing activities and identifying methodologies
- Support in the implementation of a new ClusterXchange pilot scheme.



What's the objective of ClusterXchange?

It encourages and facilitates transnational, cross-regional and cross-sectoral cooperation between clusters and their members to boost their learning and innovation-oriented activities with the view to increase the competitiveness of European SMEs

Project partners

The SmartCTClusters project brings together **5 European clusters** with extensive experience in different capacities in the smart cities value chain:



Asociación Clúster de Movilidad y Logística de Euskadi	www.mlcluster.com
Associació Clúster Digital de Catalunya	www.clusterdigital.cat
Fondazione Torino Wireless	www.torinowireless.it
Electric Vehicles Industrial Cluster	www.emic-bg.org
Netzwerk Energie & Umwelt e. V.	neu.energiemetropole-leipzig.de

Other info:

www.SmartCtClusters.eu
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**5 Learning
Networking &
Exchange
Programmes**
(Online &
Physical)

48 people
benefiting from
**training
activities**

230
participants
from
25 countries

**37 visited
entities & agents**
(in Barcelona,
Bilbao & Leipzig)

**Exhibited in 3
major European
thematic events**
(Smart City Expo, GoMobility,
Smart Cities & Regions)

**44 European
Cluster
Exchanges**
(25 virtual & 19
Physical)



**5 Cluster
labeling
engagement**
(Bronze &
Silver)

**13 Workshops &
Meetings with
Regional
Authorities**

**A strategic
partnership of
5 EU Clusters**
attending a total
of **16 events**

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