

# EIT Digital unleashes the power of data for better city living

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EIT Digital is developing a FIWARE-based software product for tracking and collecting valuable data in urban settings. The resulting data portfolio could support decision making processes and facilitate the fast delivery of new digital urban services.

Cities and local administrations as well as shops, restaurants and other businesses use many digital devices such as traffic lights, security cameras, sensors and interactive screens. These devices, in addition to their primary purpose, also collect a large amount of information that could be used to provide services to urban citizens. Unfortunately, urban service providers often have trouble coordinating a variety of technical applications and information systems that don't easily "speak" to one another. It is therefore very difficult to access the valuable city-related data they need.

To solve this problem, EIT Digital and partners\* launched an Innovation Activity\*\* called CEDUS (City Enabler for Digital Urban Services) that is developing an app called **City Enabler**. This technology allows urban services providers to actively collaborate to exploit urban data. **City Enabler** manages and visualises data to support city managers in their decision-making processes thus facilitating innovative map-based urban services and the creation of new business models for stakeholders to exploit.

**City Enabler** is fully compliant with OASC (Open & Agile Smart Cities) principles and gathers data from different sources into a single app. It is open to other platforms through standard APIs (Application Program Interface) and does not have vendor or city lock-ins. It is portable and replicable, ensuring independence for vendors and full access to the local digital ecosystem.

**City Enabler** is currently being piloted in the province of Trento (Italy), the municipality of Málaga (Spain) and the municipality of Rennes (France). In the near future, CEDUS plans to target markets including: Argentina, Belgium, Brazil, France, Germany, Italy, Norway, Serbia, Spain and the US.

Lanfranco Marasso, CEDUS Innovation Activity Lead said: "City Enabler is an opportunity to engage the Digital Urban Ecosystem in 'inventing' new businesses, through the fast creation of new map-based urban services using the data collected. CEDUS is going to unleash our cities'

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data, giving us an innovative, powerful tool allowing cities to collect, organise, give value to and utilise the information that available but which has been so far very difficult to collect.”

\*EIT Digital’s partners involved in this Innovation Activity are: ATOS Spain S.A., Fondazione Bruno Kessler, Engineering Ingegneria Informatica S.p.A., Images & Réseaux and Telefónica.

\*\* EIT Digital’s Innovation Activities deliver new products or services, create startups and spinoffs to commercialise outputs from projects, and encourage the transfer of technologies for market entry.

CEDUS is one of the 11 Innovation Activities of the Digital Cities Action Line for 2017. This Action Line leverages the digital transformation of the cities through centralised, participative and collaborative interactions between city actors: government, city service providers, industry, and citizens. This transformation enables the deployment of disruptive information, mobility and safety services in the cities.

CEDUS on SoM: <https://twitter.com/cityenabler>  
<https://www.facebook.com/cityenabler/>

### About EIT Digital

EIT Digital is a leading European open innovation organisation. Our mission is to foster digital technology innovation and entrepreneurial talent for economic growth and quality of life in Europe. We bring together entrepreneurs from a partnership of over 130 top European corporations, SMEs, start-ups, universities and research institutes.

EIT Digital invests in strategic areas to accelerate the market uptake of research-based digital technologies and to bring entrepreneurial talent and leadership to Europe. Our innovation and education activities are organised in and around our co-location centres, where students, researchers, engineers, business developers and entrepreneurs come together to drive the digitalisation of society.

EIT Digital is a Knowledge and Innovation Community of the European Institute of Innovation and Technology (EIT). Since 2010, EIT Digital has consistently mobilised talent, ideas, technologies, investments and business across Europe and beyond to stimulate disruptive digital innovation. EIT Digital headquarters are in Brussels with co-location centres in Berlin, Budapest, Eindhoven, Helsinki, London, Madrid, Paris, Stockholm, Trento and a hub in Silicon Valley.

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