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EPIC – EUROPEAN PLATFORM FOR INTELLIGENT CITIES

PROBLEM AND SOLUTION

The current economic crisis, combined with growing citizen expectations, is placing increasing pressure on European cities to provide better and more efficient infrastructures and services at lower costs. The European Platform for Intelligent Cities – EPIC – aims to address this shortcoming by creating an **open innovation, interoperable, pan-European** platform for web-based 'infrastructure and software as a service' that enables cities to learn from each other and exchange practical working models and existing approved services in a real-life context.

INTEROPERABLE PLATFORM

EPIC combines cloud computing technology, Internet of Things (IOT) middleware, interoperable web services, and semantic capabilities to create a flexible scalable pan-European Service Delivery Platform that can be used to plug in EPIC's pilot services: **Relocation Service, Urban Planning Service** and **Smart Environment Service**.

SEMANTIC ENGINE

Fraunhofer FKIE is acting as technological partner for the semantic engine in EPIC. This engine provides semantic search functionalities, utilizes artificial controlled languages and ontologies for the purpose of interoperability as well as information extraction modules for seeking over public mass data.

LIVING LAB APPROACH AND EU NETWORK

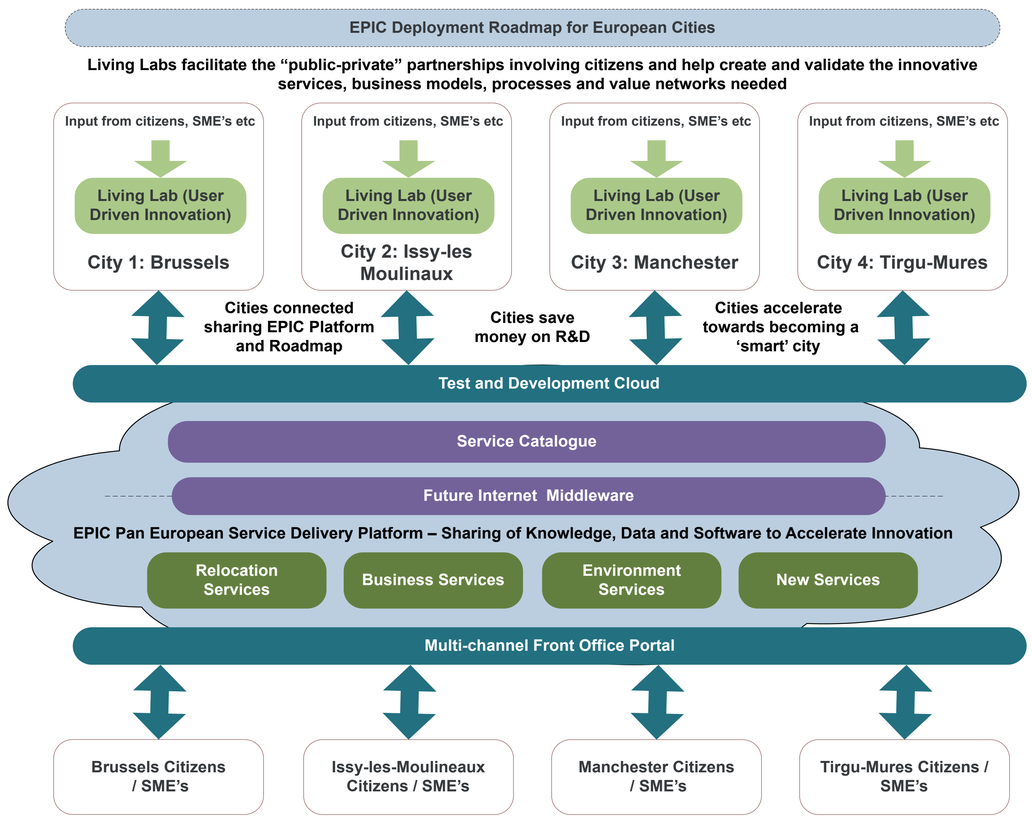
EPIC is led by IBBT Belgium and consists of Partners from six European Countries: Belgium, France, Germany, Greece, Romania, and the United Kingdom. In addition to combining the required technological skills, the Consortium has been intentionally designed to facilitate knowledge sharing and information transfer across Europe by an interconnection through the European Network of Living Labs (ENoLL).

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EPIC brings together three ENoLL Living Labs: IBBT iLab.o for the Brussels Capital Region, Issy-Media for Issy-les-Moulineaux and Manchester City Council for Manchester.

HIGH LEVEL OVERVIEW OF THE EPIC PLATFORM



BEFORE AND AFTER OVERVIEW OF CITY ADMINISTRATIONS DEPLOYING EPIC

