



A bit over one year into Smart EPC and [we are already launching a toolbox to bring to local authorities, energy agencies, and all interested parties](#) the background and knowledge needed for structuring Smart EPC projects.

 **What's in progress:** we're now working with zeal on the [\(European\) standardised Smart EPC concept documentation](#), setting up [workshops for energy service providers](#) in 3 countries, assembling the package of [facilitation services for local authorities](#) (available soon), and [testing the reconstruction of public lighting](#) in France, Poland, and Spain!

The project team is also eager to investigate more about standards and interoperability in Smart City lighting and IoT context, as in July we are conducting [a study trip to the DOLL Living Lab in Copenhagen](#).

Scroll to find out more!



Discover the [Smart EPC toolbox](#), aimed to help you prepare [energy performance contracting projects](#)!

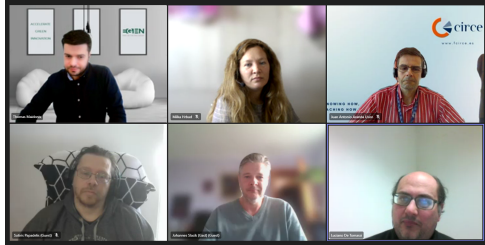
The Smart EPC toolbox provides a comprehensive overview of [energy-efficient public lighting and financing models](#). It acts as your centralised guide for the **energy and non-energy-related services in public lighting** and the **basic steps for preparation and implementation of the Smart EPC project**.

The five thematic documents provide in-depth information, such as market insights, technical requirements for implementation, case studies from around the

globe, related EU initiatives etc.

The documents are to be updated on a constant basis with new knowledge, findings, and market conditions.

Open the toolbox 

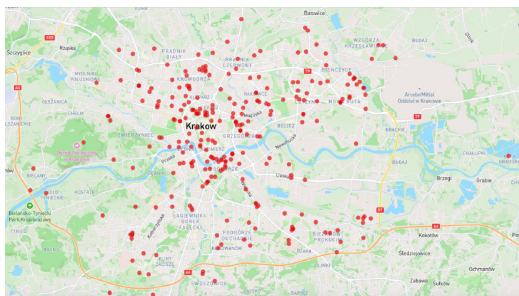
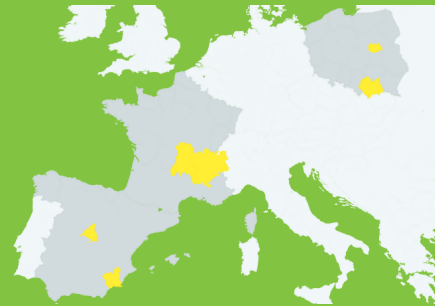


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Barriers to smarter and more efficient energy systems

During the “**Smart Energy Services**” conference, we met industry partners to present the new cutting-edge smart energy services. The panelists share the  **barriers encountered in their work** – and what they consider to be the **key to defying limitations** and fostering confidence in innovative energy solutions.

Discover our pilots in 3 countries!



Innovative solution for EV charging stations

 **Kraków** is testing the use of **LED street lanterns for vehicle charging**. To understand the interest of residents, the Roads Authority prepared a field test and appealed for help in mapping out the location of the EV chargers.

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Modernising public lighting in historical areas - challenges

 **Warsaw** aims to replace a few thousand luminaires on its historical streets. But modernising public lighting in historical areas presents **unique challenges**. What are the steps in overcoming them?

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Particularities: public lighting models and management in France

The **French management model** is based on a dedicated power supply network for public lighting. Whereas metropolises manage their public lighting on their own, **most municipalities prefer to delegate their lighting responsibilities** to their energy syndicate.

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The improvement of energy efficiency through public lighting is a priority in France

Several municipalities in the region of **Auvergne-Rhône-Alpes** expressed interest in an EPC model. Two complementary structures are developing the new model in which they would act as intermediaries between municipalities and service companies.

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Towards Smart EPC with UVAX

In **Rivas Vaciamadrid**, the project provides assistance to several services. The **UVAX system** integrates in one platform all streetlight management, control, regulation, and all Smart solutions using the electric power network.

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The development of Smart EPC in Spain

The cities of **Murcia** and **Rivas Vaciamadrid** have two different approaches looking into **energy efficiency to improve the quality of life**.

[Read more](#)

Evolution of public lighting, from torches to smart systems

Public lighting has undergone a remarkable transformation  over the centuries – and **Europe has played a significant role** in driving



did you know?

**Modernisation of public lighting by
replacement of traditional luminaires with LED
results in up to 70% reduction in electric power.**

There is a power reserve in power supply cables that can be used for EV charging. Using the existing infrastructure of public lighting can help speed up deployment of public EV chargers and significantly lower the investment costs, opposed to stand-alone EV charging points.



Consortium



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Smart EPC H2020 project



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