

energy  
efficiency  
at the  
core of  
sustainable  
cities.

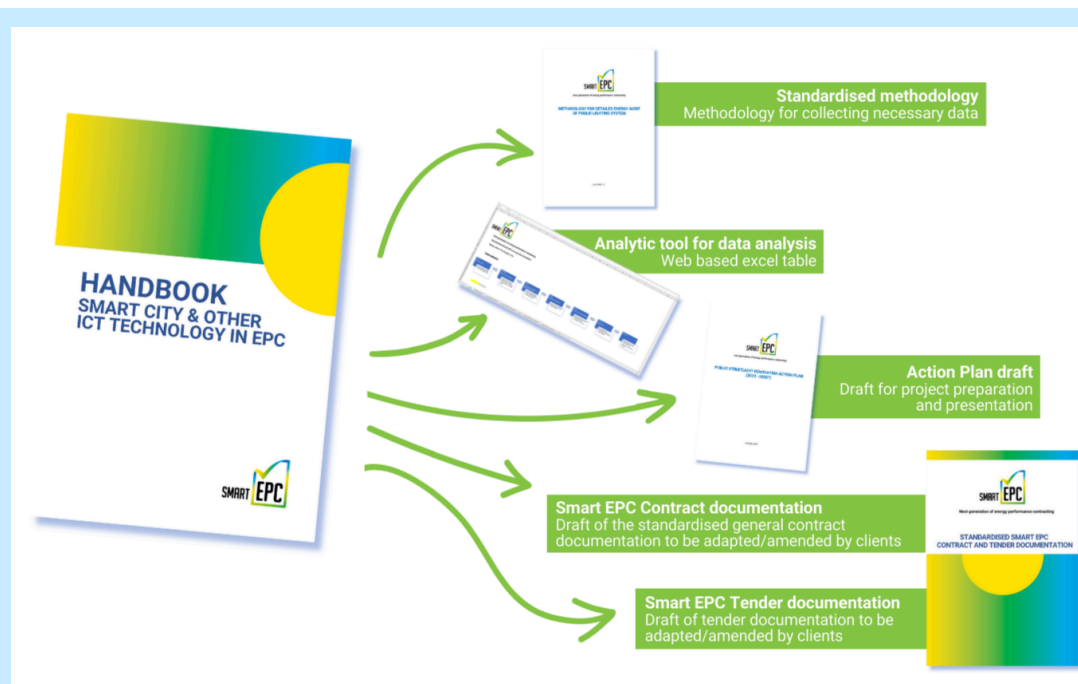
Welcome to  
newsletter #3

Happy 2nd anniversary to our project! 🎉

Below we reference the **Smart EPC workshops** for local authorities, ESCOs, and facilitators organised at national level in 3 countries, our visit to the **model smart city: Copenhagen**, and the publication of our project's core output: the (European) standardised Smart EPC contract and tender documentation.

🕒 **What's in progress:** we're planning the numerous capacity-building opportunities of 2024 - which will be available to cities, ESCOs, and EPC facilitators all over Europe, we are working on the training materials that will be made public on the website, and of course: we are testing the reconstruction of public lighting in France, Poland, Spain, and Croatia.

Scroll to find out more!

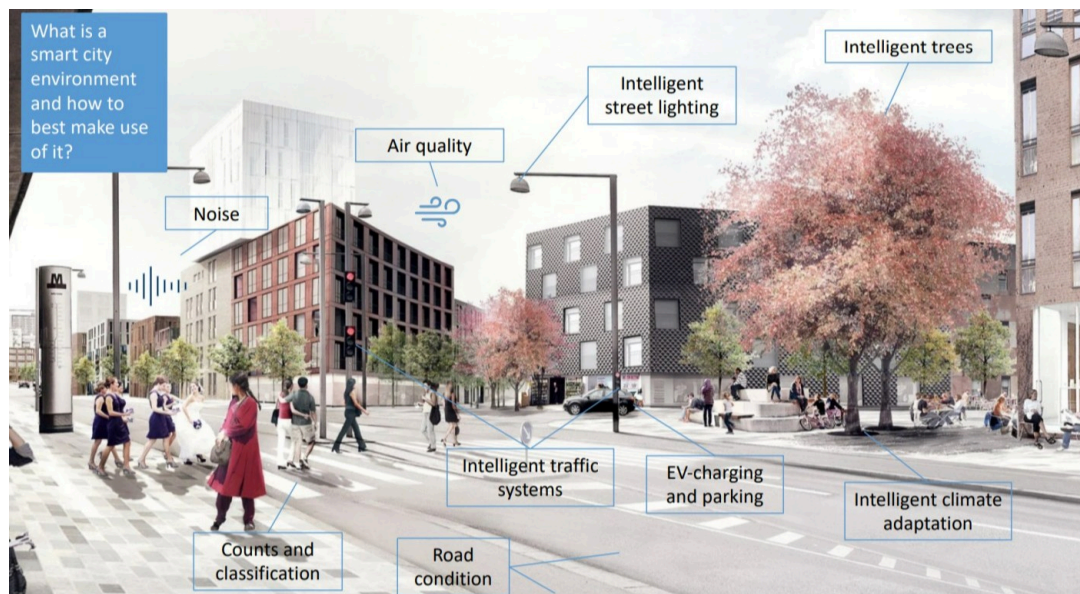


**! NEW: standardised Smart EPC contract & tender documentation to help you prepare energy performance contracting projects!**


The standardised Smart EPC concept documentation is relevant for inventory data collection and analysis of the public lighting system. The purpose of the concept documentation is:

- to formulate the requirements for the energy audit (minimum set of baseline data that is needed for decision making and feasibility calculations of public lighting reconstruction);
- to develop an analytic tool for feasibility calculation of public lighting reconstruction based on the inputs from the detail energy audit;
- to draft document which can serve as a tool for presenting the current state of infrastructure and reconstruction potential, as well as the optimal coverage and financing modelling for pilots/cities.

Open the toolbox 



## Latest smart city solutions: get inspired by the DOLL Living Lab

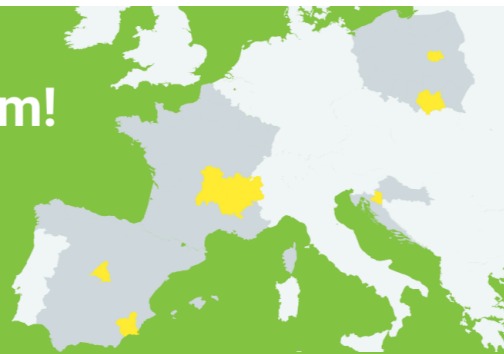
We visited Europe's leading Living Lab for smart and sustainable urban innovation in  Copenhagen to discover and compare the latest innovations in lighting in the Smart City and IoT context.

[Read more](#)



 **Karlovac joins the team!**

**Discover our pilots  
in 4 countries:**





## Karlovac, Croatia: more efficient public lighting thanks to Energy Performance Contracting

In September 2023, 📍 **Karlovac** signed an Energy Performance Contract (EPC) for the **complete refurbishment of the city's public lighting**, consisting of 9,083 luminaires and the displacement of 152 public lighting cabinets located inside the DSO transformer stations.

[Read more](#)



## Spain: successful national workshops on contracting in public lighting and smart services

📍 **Murcia** and 📍 **Rivas Vaciamadrid** opened the series of Smart EPC workshops showcasing results, live demos from tech companies, and debating LED typology, public lighting contracts and smart devices producing energy and non-energy benefits.

[Read more](#)



## Poland implements national guidelines for EPC contracts

The EPC guidelines from June 2023 offer a structured approach to improving energy efficiency, particularly in public sector projects.

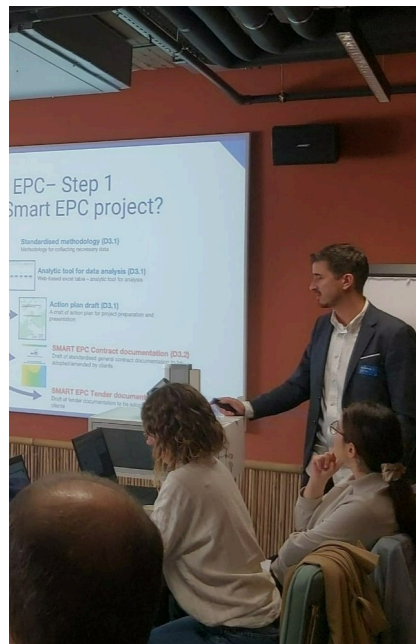
💡 Included are ready-to-sign **templates of EPC contracts for the modernisation of public lighting**.

[Read more](#)

# ManagEnergy Master Class on Smart EPC: alternative procurement models and financial instruments

Led by the Smart EPC project coordinator REGEA, the second Master Class module of the EU [ManagEnergy Initiative](#) aimed to unveil alternative procurement models and financial instruments suitable for delivering energy efficiency projects.

[Read more](#)



did you know?

Smart public lighting motion sensors allow luminaires to illuminate on adequate brighter levels only when they detect pedestrians, otherwise luminaires burn at a low, predefined level, reducing energy waste, CO2 emissions, and light pollution.

Illumination on human presence supports the decrease of criminality (lawbreakers refrain committing crimes in well-lit areas), thereby improving the overall public safety.



## Consortium







**#EUsmartEPC**



## Smart EPC H2020 project



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