

HUMBLE LAMPOST

An open affordable component-based city lamppost solution

Upgrade 10 million of the 60-90 million lampposts across Europe (~14% of total)

WHAT?

A Humble Lamppost enables lighting (LED) upgrades and other smart city services (public Wi-Fi, environmental monitoring, public engagement, mobility, etc.)

WHY?

- Energy and operational **budget savings**;
- **More control** over, and better, lighting – that means increased safety and less frustrated residents;
- Deliver additional **value-added services**;
- A great **low-risk fast-start** into 'smart cities'.

WHO?

- **Role of Demand Side:** cities should ensure that 'smart' lighting is considered when evaluating smart action plans (+3 city clusters involved)
- **Role of Supply Side:** industry should collaborate to form ecosystems that bring a coherent affordable proposition to the market.

HOW?

- delivering a readiness **toolkit** to help guide cities through the analysis and decision making process;
- publishing **technical standards** that align demand and supply around a common component-based design;
- engaging investors to develop **business models** that helps speed the transition, structure and provide access to finance;
- aligning **demand needs and aggregate demand**, in order to reap scale advantage;
- **Convening supply, demand, and investors** to help speed pre-procurement and build market confidence.



ROADMAP

MOBILISE FINANCES

with the above, attract investment and better deal terms;

1

AGGREGATE DEMAND

get cities to agree to collaborate on common approaches; common specifications and designs; potentially joint procurements; and operational bench-learning;

2

ENGAGE INDUSTRY ECOSYSTEMS

having delivered a more conditioned financed scale demand; develop component-based ("Lego") flexible solutions with groupings of industry actors.

3



MANAGEMENT TEAM

Graham Colclough (AC Initiative Leader), Urban DNA
 Wim Jansen, European Commission DG CNECT
 Flavia Vianello, European Commission DG CNECT
 Feilim O'Connor, European Commission DG ENER
 Claudia De Angelis (AC manager), PwC



© 2016 SMART CITIES
 An Initiative of the European Commission



EIP-SCC
 European Innovation Partnership
 on Smart Cities and Communities