



EUROPEAN COMMISSION

Directorate-General for Communications Networks, Content and Technology

Digital Society, Trust and Cybersecurity
Smart Mobility and Living

Brussels, 10 March 2017
H2/EH

ANNOTATED AGENDA

**Subject: “The Humble Lamppost”: EIP-SCC Integrated Infrastructure
Action Cluster
Audio conference 17 March 2017**

Participants: initial EIP-HL group, SC Lighthouse SCC01 Coordinators, Replication Leads & Accompanying Cities; Pan-London Representatives; Commission services CONNECT H2; EIP-SCC Market Place

Objectives of Meeting:

1. To determine how best to achieve an open affordable component-based city lighting solution by and for cities delivered collaboratively between cities and industry.
2. To agree between the three invited (and interdependent) demand-side groups how to move forward together faster and more effectively to implement the Humble Lamppost as an economic and collective opportunity.

Annotated agenda:

1. **Welcome and introduction** of participants: we will check who is in the room and agree on the agenda of the meeting.
2. **The objective of the Humble Lamppost initiative:** The stated objective of the initiative is: *An open affordable component-based city lighting solution that enables other smart city initiatives; delivered collaboratively between cities & Industry to speed integrated valuable delivery. The ‘Humble Lamppost’ provides an ideal means for cities to start their smart journey. Typically cities own and operate inefficient lighting systems, where the scope exists for very significant energy and operational savings, and GHG improvements. Yet too many cities deal with this individually, the objective is to aggregate demand and achieve a large scale EU smart lighting solutions deployment.*

This objective can be translated into the ambition to have 10 million 'smart' poles throughout the European Union (based on the assumption that ~10% of individual poles are 'smart', although the entire captured network operates as smart). This also makes the case for innovative business models and tendering approaches.

We will (1) confirm this objective, (2) agree that this should take the form of an exercise to establish specifications for a future tender (see annex).

3. Define the enablers to ensure successful implementation of a Humble Lamppost infrastructure

Graham will present the current state of thinking on the type of functionalities the 'smart/humble' lamppost should have, the preferred business model, the financing options and standardisation issues. The **meeting will then agree** on the necessary functionalities that should be included (led light; wifi; charging plug) and the optional functionalities. With respect to the functionalities covered under the DIN standard the meeting will agree to use this as a basis. For other functionalities the meeting will agree if common standards are needed and how to get there.

4. Participating cities

The preparatory work will be done with cities that have signed up to this action cluster. There is however no formal commitment to also effectively join the tender when it is ready.

The meeting should agree what action to take. The following ideas (not exclusive) can be discussed:

- When the functionalities are agreed, one volunteer will draft the tender specifications;

For the suppliers we need to get an overview their interest in a large scale HL insight in costs of technical add-ons.

5. Time line

The meeting will discuss and agree on a timeline. This could for example be:

- End April 2017: feedback from the volunteers under point 4;
- End May 2017: mapping of financing options (buy/lease/other)
- End May 2017: Action cluster meeting in Brussels; this should include the supply side; Format: 'HL pavilion event'?
- Mid June 2017: call for other cities to join the project
- End June 2017: first draft of tender specifications ready
- November 2017: speech at Eurocities to include 'smart/humble' lamppost.
- November 2017: Stand at the Barcelona fair.

6. Summary of conclusions and next audio call

The chair will summarize the conclusions on the specifications the volunteer groups and the timeline. The meeting will set a new date for an audio conference.

- End April 2017: feedback from the volunteers under point 4;
- End May 2017: full mapping of financing options

Annex:

Justification for proposing a Tender Specification exercise:

1. It would be a focused exercise to confirm the maturity of the HL initiative.
2. It would allow assessing the feasibility of procurement
3. It would refine and clarify the operational requirements
4. A is a good exercise to define appropriate selection and award criteria

If a tender would be published (without of course the commitment to participate and/or to award a tender) it would provide additional information on the supply side of this value chain:

1. By tendering the cities can develop develop market knowledge (capacity to deliver/ conditions)
2. They will be able to identify potential market constraint
3. Gives insight in the budget needed for 10M HL.