



# **ALICE workshop 14-12-2017**

**Dr. Henriette van Eijl  
EC DG MOVE B3**

# EU opportunities to support innovative, smart, sustainable urban mobility:

European  
Commission

## 1) De-risking by grants, co-funding and loans (non-exhaustive list):

- **Horizon2020 - Transport WP:2 topics**
- **Horizon2020 – Energy WP topic Smart Cities LC-SC3-SCC-1-2018: electrification as part of large Lighthouse demo projects**

## 2) Facilitate bundling of smaller investments by cities and industry: **EIP Smart cities Action Clusters (no direct EC grants)**

## 3) Technical Assistance to set up big, innovative investments in sustainable urban mobility:

**ELENA-EIB funded by H2020 Energy and Transport WP: grant to set up investment plan, public and private orgs.**

## LC-MG-1-3-2018: Harnessing and understanding the impacts of change in urban mobility on policy making

**Challenge:** to improve the understanding of the impacts of new urban mobility solutions on policy making. Both passenger and freight. City-led proposals.

**Scope:**

- (A) RIA** impacts of new mobility solutions, addressing the changing mobility patterns and set up of mobility services, including possible negative effects, and covers all relevant transport modes (including active modes) and vehicle types. Choose at least 1/5 aspects
- (B) CSA** facilitation of knowledge exploitation and support to the cooperation between projects and stakeholders involved in the current/ future CIVITAS projects. Address all 5 specific needs.

**Expected impact:**

**(A) RIA:** new, practice-based knowledge on how to navigate urban mobility policy through transition, ex; SUMP, C-ITS, TEN-T, air quality

**(B) CSA:** promote the take up of innovation, a CIVITAS-type secretariat

**Estimated EC contribution per proposal:** For A- RIA: 2-4 mEUR, for B-CSA 3 mEUR

**InCo-related:** INCO encouraged, especially with the USA, China and India  
(please consult the full topic text in the WP)



## **LC-MG-1-10-2019: Logistics solutions that deal with requirements of the 'on demand economy' and for shared-connected and low-emission logistics operations**

**Challenge:** Research is needed on how to prioritize and combine a number of competing interests from the private side and public (policy) side resulting from a fast-growing on-demand economy.

**Scope:** Proposals should address all of the following aspects:

- Developing value cases for integrated systems of logistics/ freight operations, such as TEN-T urban nodes and consolidation centres in urban areas.
- Addressing (and planning for) the integration of low-emission, and possibly connected (automated) delivery vehicles in urban logistics.

**Expected impact:** how to achieve essentially 0 emission city logistics in EU cities by 2030, new tested solutions for better cooperation between suppliers, shippers and urban/regions policy makers (planners). Inputs for SULPs and/or SUMP and other planning tools.

**Estimated EC contribution per proposal:** For RIA: 2-4 mEUR  
(topic may be updated, please read final text carefully)

## 2) Facilitate bundling of smaller investments by cities and industry: 5 urban mobility initiatives in Smart cities EIP

European  
Commission

### New Mobility Services:

Aim: 'learning by doing' approach to demonstrate and deploy NMS/ITS/ C-ITS and data.

### EV4SCC:

Aim: EU-wide dialogue on electric vehicles in smart city initiatives. Already has 76 partners in 19 countries. (*EV logistics*)

### Intelligent Mobility for Energy Transition:

Aim: "Going beyond 0 emissions". Focus on intelligent power + intelligent integration.

### Alternative Fuelled Special Vehicles:

Sustainable and 0 emission vehicles for Sweeping, Refuse Collection, Multipurpose, etc

Aim: Establish a Sustainable & Integrated Guideline for Cities

### Urban Air Mobility



### **3. Technical Assistance to set up big, innovative investments: ELENA-EIB**

European  
Commission

- ✓ managed by EIB, funded by Horizon 2020 Programme
  - ✓ 1 EUR grant should plan for > 10 EUR investment
  - ✓ ELENA provides 90% grant for technical assistance
- 
- Project Development Support:
    - ✓ Energy efficiency renovations of buildings, street lighting, district heating etc
    - ✓ Sustainable, innovative urban transport systems; ITS, traffic info, buses, recharging infra, hybrid ferries etc

First transport projects in Amsterdam and Klaipeda, other cities based in Poland, Sweden, Spain, Denmark