



# Alternative fuels infrastructure in urban areas and SUMP revision

14 May 2018

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## Towards SUMP 2.0

- SUMP **is at the very heart** of EU urban mobility policy
- But we want:
  - **More cities** to implement SUMP
  - SUMP to be even **more relevant for citizens**
  - and contribute better to **EU goals** of decarbonisation, sustainable development, health and environment protection etc.
- **+ a lot has happened in the last 5 years:**
  - practical SUMP experience
  - valuable material from SUMP-related projects
  - new political, technological and social developments

**Deployment of alternative fuels infrastructure and vehicles is one of the areas that call for integration into SUMP planning**

## Alternative fuels - need to step up action



- The share of low- and zero-emission vehicles on Europe's roads is still very low
- For example, about 700.000 zero-emission vehicles are registered compared to about 256.000.000 vehicles in total.

- Level of infrastructure deployment varies considerably between Member States (and between regions)
- Many cities are frontrunners – but only two Member States provide e.g. more than 100 recharging points for electric vehicles per 100.000 city inhabitants
- Access to and use of infrastructure is often not hassle-free and easy, particularly across borders



## Issues – AF in the urban mobility context



- Alignment of different urban infrastructure needs in a spatially constrained urban context
- Energy grid integration and cost
- Smart charging and integrated network planning
- Permitting procedures (energy & transport & buildings)
- Investment cost
- Consumer information

### **Action Plan on Alternative Fuels Infrastructure COM (2017)652:**

*The Commission will use the next annual SUMP forum to work with public authorities on adapting SUMP by spring 2018.*



## Share your experience and expectations!

**General SUMP-related questions:** looking for your feedback throughout the conference

**AF-specific feedback, for instance:**

- Interesting good practice from your city?
- Managed to effectively integrate AF into your urban mobility plan?
- Solved all the challenges with energy and transport planning?
- A particular tricky practical issue that you encountered? Etc.

**Help us to create useful, workable and comprehensive revised SUMP guidelines!**

Thank you!

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