



Brokerage event

Horizon 2020

Smart Cities & Communities call 2018

8:30-14.00 Wednesday 25 October

Venue: Gothenburg European office, Rue de Luxembourg, 3 Brussels

Objectives

This event will follow the official smart cities info day, organised by the European Commission and INEA (see the [energy info days](#)).

This joint EUROCITIES and Sharing Cities brokerage event will offer an opportunity for cities representative to develop consortia and project ideas to respond to the Horizon 2020 Smart Cities and Communities 2018 call for proposals for lighthouse projects.

It will also provide useful insights on how to develop a successful replication strategy and create investment possibilities that will continue beyond the end of the project lifetime.

During the event, cities representatives are invited to present a project idea or their city activities in the area of smart cities, which could contribute to proactive matchmaking between potential projects.

Please note that as the number of presentations is limited and slots will be given on a first-come first-served basis. If you are interested to present a project idea please send an e-mail to Anja De Cunto, before 6 October.

Registration

Participation is free of charge and is reserved to city representatives only or organisations coming on their behalf. Participants need to register before 18 October by using this [link](#).

Additional information

For any further question contact: Anja De Cunto anja.decunto@eurocities.eu or Bernadett Degrendele Bernadett.Degrendele@eurocities.eu

DRAFT Agenda

- 8:30 Registration and coffee
- 09:00 Welcome and expectations – Anja De Cunto & Bernadett Köteles-Degrendele, EURO CITIES
- 09.15 The 2018 smart cities and communities call: the rationale behind and expected impacts - Jens Bartholmes, DG ENER
- 10.00 What are the key lessons to learn from previous SCC projects and how to prepare a successful proposal - name to tbc, INEA
- 10.30 How to build a successful smart cities replication strategy – Bernadett Köteles-Degrendele
- 11:00 Coffee Break
- 11:30 Smart cities business models and investment possibilities - Nathan Pierce, Sharing Cities and lighthouse projects business models task force lead, GLA
- 12:00 Speed networking session

Representatives will be able to present their project ideas or their smart cities/digital strategy in order to find potential project partners.
- 13:00 Light lunch and networking

About the 2018 smart cities call

The following information are based on the DRAFT version of the 2018-2020 work programme. Modification are still possible until the official publication of the call on the Horizon 2020 website, which is expected for October 2017.

Call & reference	<p>Smart Cities and Communities</p> <p>LC-SC3-SCC-1-2018-2019-2020:</p>
Funding programme	Horizon 2020
Deadline	<p>Provisional timing for the 2017 and 2018 calls</p> <p>Opening: 05 Dec 2017 Deadline: 19 Apr 2018</p> <p>Opening: 05 Sep 2018 Deadline: 5 Feb 2019</p>
Objectives	<p>The challenge is to develop Positive Energy Blocks/Districts¹ and their interaction with the energy system from a technical, financial, social, regulatory and legal point of view.</p> <p>Furthermore, for a sustainable energy transition also implications of increased electro-mobility and its impact on the energy system need to be understood and better integrated in planning.</p> <p>Lighthouse cities develop and test integrated innovative solutions to tackle this challenge. Lighthouse cities closely collaborate with the Follower cities and should act as exemplars helping to plan the replication of these solutions, adapted to different local conditions.</p> <p>To increase impact beyond the direct demonstration part of the project, Lighthouse cities and Follower cities create together a bold city-vision for 2050 and the detailed mid/long-term planning for their cities (urban, technical, financial and social) to get there.</p> <p>Proposals should pay particular attention to:</p> <ul style="list-style-type: none"> • positive project contribution to the overall city goals and focus on mixed use urban quarters; • the solutions' ability of being replicated/gradually scaled up (to city level); • make energy communities an integral part of the solution strategy to ensure durability and sustainability of Positive Energy Blocks/Districts; • active involvement of citizens - to best understand their real needs - as well as local government and city planning departments, increased energy awareness, pro-active energy management, crowdsourcing (intellectual or economic) etc.; • create a "smart energy ownership" positive feedback loop; • that solutions do not compromise air quality for decarbonisation. <p>Projects are expected to cooperate with other projects in the area of Smart Cities and Communities funded under Horizon 2020 as well as the European Innovation Partnership on Smart Cities and Communities (EIP-SCC) and carry out relevant research on issues including:</p> <ul style="list-style-type: none"> • business models and life cycle consideration; • regulatory and legal aspects and data security/protection;

¹ Positive Energy Blocks/Districts consist of several buildings (new, retro-fitted or a combination of both) that actively manage the energy flow between them and the larger energy system. They make optimal use of advanced materials, local RES, local storage, smart energy grids, energy, demand-response, electrical vehicles and their charging systems, cutting edge energy management (electricity, heating and cooling), user interaction/involvement and ICT.

	<ul style="list-style-type: none"> • citizen's acceptance including understandings of gender and socio-economics (Social Sciences and Humanities); • big data, data management, digitalisation and integrated planning tools; • electro-mobility: i) impact on energy system and ii) appropriate city planning measures • Transition pathways guiding cities from planning to implementation to replication and scaling up of successful solutions. <p>Proposals have to foresee inter-project cooperation and earmark appropriate resources (10% of the requested EU contribution) as contingency for common actions that become necessary to increase impact during the project.</p> <p>Projects need to have a performance monitoring during the full project duration and all relevant performance data must be incorporated into the Smart Cities Information System database (SCIS).</p>
Expected Impact	<p>Supported projects are expected to contribute to:</p> <ul style="list-style-type: none"> • EU, national and/or local climate and energy targets, as relevant; • Significantly increased share of i) renewable energies, ii) waste heat and iii) appropriate storage solutions (including batteries) and their integration into the energy system, iv) improve share of renewables in transportation; • Significantly improved energy efficiency, stimulate self-consumption, reduced curtailment; • Roll out of Positive Energy Blocks of interlinked buildings that are leading the way towards Positive Energy districts; • Increased acceptance of e-mobility solutions. <p>The higher the relative improvements, the better, i.e. proposals are also welcome from cities that are not (yet) technological avant-garde, but that propose high impact improvements.</p>
Type of action	RIA Research and Innovation action
Total budget for this call	2017 call: EUR 43 million 2018 call: EUR 73 million
Max. EC co-funding rate	70% or 100% in the case of not profit entities
Contribution per project	EUR 6 to 7 million per lighthouse city and between EUR 0.5 and 1.2 million per follower city.
Eligibility	Legal entities established in the EU 28 member states, associated countries to H2020 and other eligible countries (list of countries).
How should a partner consortium be composed?	Consortia shall be composed of 2 lighthouse cities and 5 follower cities (all situated in different EU Member states or associated countries) that will closely collaborate on shared challenges.
Additional condition	Typically, projects should have a duration of 48 to 60 months. All lighthouse cities must have a validated Sustainable Energy Action Plans (SEAP) or Sustainable Energy (and Climate) Action Plans (SECAP) or a similar, at least equally ambitious plan.