

Mission area

Climate-neutral and smart cities

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*J. Kolar, *Research infrastructures, Horizon Europe Missions and wider policy goals*, <https://www.ceric-eric.eu/2020/01/30/opinion-research-infrastructures-horizon-europe-missions-and-wider-policy-goals/>

Carbon-Neutral and Smart Cities

State of play

Mission Area: Climate-Neutral and Smart Cities

Proposed Mission: 100 Climate Neutral Cities by 2030 by and for citizens

Proposed implementation: Climate City Contracts*

*The Climate City Contract should be a binding document that will be signed by the local government, the Commission and the respective national or regional authorities.

Mission: 100 Climate Neutral Cities by 2030

Proposed objectives

- **Support and promote 100 European cities** towards climate neutrality by 2030 and turn them into models for all cities in the run to 2050;
- **Offer cities financial means** to achieve the mission goals through Horizon Europe and other EU instruments;
- **Build a multi-level, co-creative process, formalised through a Climate City Contract**, to turn key barriers into drivers;
- **Help delivering the SDG** by improving air quality, creating jobs, promoting healthier lifestyles, and reducing the negative effects of mobility;
- **Capitalise on existing European climate initiatives** and stakeholders;
- Collaborate with European **businesses**

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Supporting R&I needed: Yet to be identified

Start of the implementation of the R&I: Work programme 21-22

Official publication of the Mission by the EC: Q4 2020

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Mission: 100 Climate Neutral Cities by 2030

Potential contributions of RIs

R&I yet to be defined, but potential contributions across the domains, e.g.

- Physics and engineering (e.g. green energy and energy storage)
- Environment (e.g. environmental monitoring)
- Social and cultural innovation (e.g. societal transformations needed to bring about carbon neutrality, data)

Thank you

Questions for discussion

in common to all missions

- Which ERICs can potentially contribute, with what activities
- What can/will ERICs do to prepare for the Mission internally?
- What kind of support would they need? (e.g. by MS or the EC)
- How should ERIC forum contribute?