

C+ – a partner invitation

Uppsala has committed to the Swedish Government to be the first climate positive city by 2050 and will be climate neutral by 2030.

It is a short time-frame and measures are being taken in several areas to reach the target. This project, C+, Climate Resilience prompting Climate Positive Society, has the ambition to in a novel way radically evolve the city development process from idea, through planning, construction and maintenance rendering in districts with a net positive effect on greenhouse gas contributions.

The project will be implemented in real-life conditions. To test and verify the C+ concept in an accelerated manner the it will be launched in a range of different urban conditions and characteristics, covering every phase in the city development process from idea through planning and construction to maintenance and refurbishment.

- Uppsala foresees that the methodology and platform in C+ will be integrated in all future urban development projects.
- C+ applies for funding from the EU initiative "Urban Innovative Actions", an initiative with a total budget of 372 MEUR up to 2020.
- C+ are now inviting key-players to participate in a competitive consortium demonstrating unique capacity and strength to realize the project.

The planned partnership, under the coordination of the City of Uppsala, shall consist of end-users, prosumers, real estate owners, researchers, and utilities, together with innovative entrepreneurs and suppliers. The consortia shall not only demonstrate a capacity to successfully implement the project but shall also represent a constellation ensuring a replication of the project and outcomes within and beyond the City boundaries. The C+ consortia will also connect to a selection of on-going "sustainable city development clusters" and "urban resilience initiatives" in order to utilise, seek synergies, and benchmark already on-going initiatives, support systems and tools. The wider stakeholder group is the city's citizens as well as the politicians and regulatory and financial bodies.

The Climate Challenge: Vision and Response

The City of Uppsala has committed to become carbon neutral by 2030 and carbon positive by 2050. At the same time, the city of Uppsala is planned to grow with approximately 130 000 inhabitants in 70 000 new apartments under the same period of time. To fulfil the vision a complete transition of the society is required:

- City planning needs to be spot on in terms of accurate prediction and based on structural information and analyses where impacts (climate, economical, social, demographic) are identified and quantified enabling optimization of actions introduced.
- Actions introduced needs to be smart, fully implemented and adopted by the entire society. It is crucial that citizens, companies, public bodies, NGO:s, schools and universities assumes the challenge, adapts to and follows all the features of development and transition components of a new climate-positive society.
- Sub-optimisation in climate actions has to be mitigated, the society is complex why both structural and single actions generally have wider community impacts.

To meet this multi-dimensional challenge, the City of Uppsala now initiates a ground-breaking planning, implementation and monitoring action highway providing AI and ICT system-support addressing key city planning activities with potential to contribute to the C+ climate positive city concept. The project outcomes shall prompt climate adaptation with climate positive impacts ensuring citizen engagement and well-informed political decisions.

What are we aiming for?

The main objective of C+ is transition to climate positive society enabled by innovative climate adaptation measures integrated in Urban City Planning.

C+ involves 5 full scale demonstration projects involving up to 30 000 new apartments, introducing efficient climate resilience actions designed to support a minimization of the area's contribution to climate change.

Through C+ the City of Uppsala takes the lead in combining the development of a resilient city with efficient climate actions also connecting the impact towards the city's economic and social growth – improved health, creation of jobs, and increase quality of citizen's lives.

The C+ outputs introduce a web-based platform forming a decision support and citizen engagement tool covering all aspects and phases of urban area development including initial ideas and planning processes, engineering and construction, as well as utilization & maintenance. Fully disseminated, city planning and governance based on the platform will include maximum resilient urban design in turn providing a climate positive urban environment.

C+ support the creation and development of sustainable, equal and resilient urban environment without physical, economic and social barriers.

C+ is fully in line with the City of Uppsala's ambition to further strengthen its position as a frontrunner realizing societal visions for the citizen's common future. The representativeness of the demonstration projects forms a strong base for synergies, utilization of ideas, and dissemination of experience and actions. C+ is designed not only to foster synergies and transfer of experience between the demonstration projects but also to ensure further replication beyond the projects' boundaries.

UIA – Urban Innovation Action

Urban Innovative Actions (UIA) is an initiative of the European Union that provides urban areas throughout Europe with resources to test new and unproven solutions to address urban challenges. The UIA has a budget from the European Regional Development Fund of EUR 372 million for 2014-2020. The UIA has now launched its third Call for Proposals having an indicative budget of EUR 80-100 million.

With a well-designed and impact focused proposal, C+ claim to be a unique response to “Adaptation to Climate Change”, one of the main topic of the call, still comprehensively addressing the other three topics “Air quality”, “Housing”, and “Jobs and skills in the local economy”.

Contact and time plan

Partners confirm participation by signing a C+ Letter of Commitment (LOC). The LOC contains a partner description, describes the participant’s interest in the C+ project and states the participant’s contribution to fulfil the objectives of the C+ project.

A customized template draft will be available through the project contact person upon confirmed interest by respective partner.

Contact and time plan

For further information please contact

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The C+ consortium will be established and set as soon as possible but not later than February 20, 2018. The deadline for the online based UIA application is 30 March 2018 at 2 pm CET.