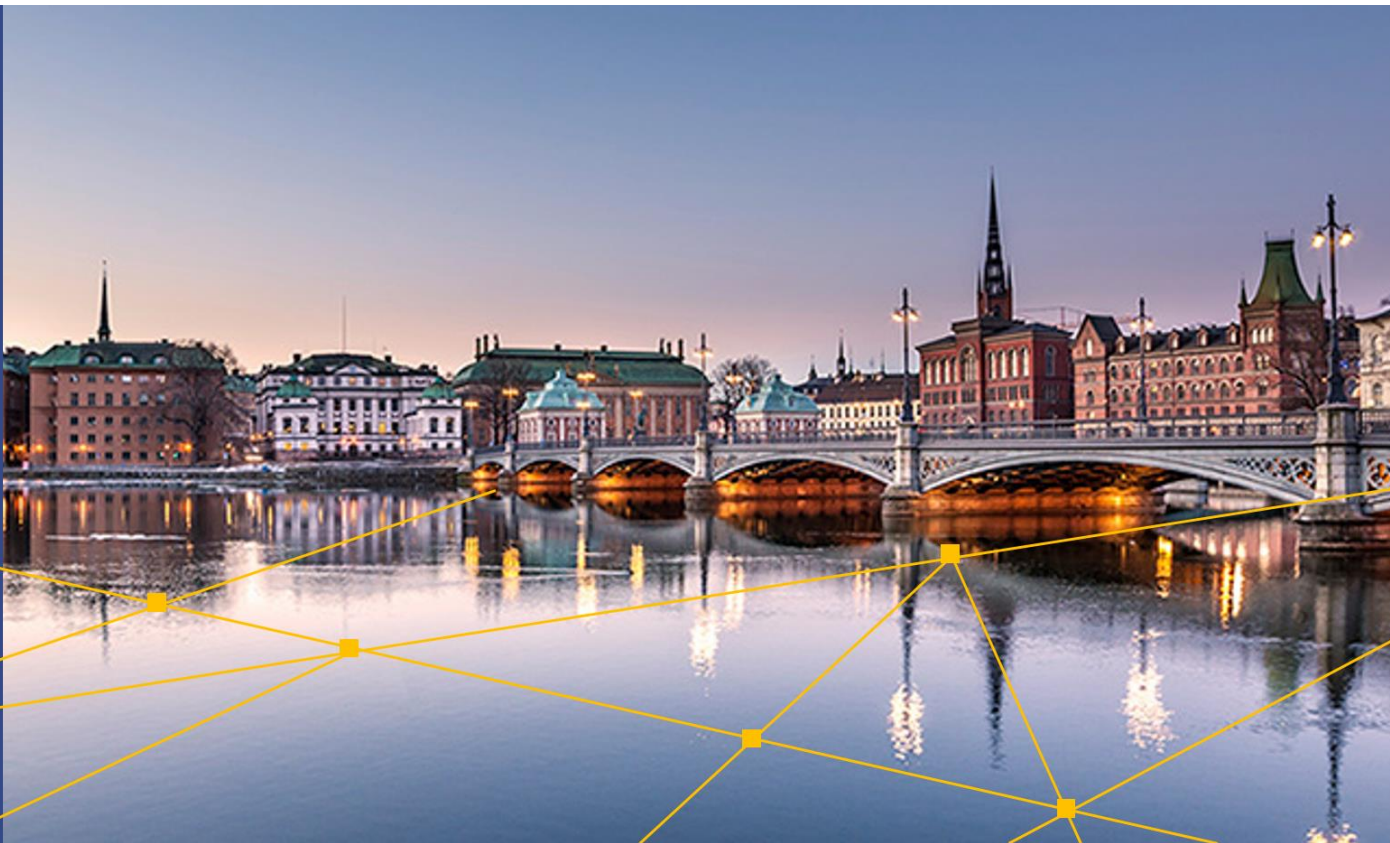




**Stockholms
stad**

Integrated action plan for increased coordination and exchange of the city's R & D activities

URBACT III



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Executive Summary

The environment and health administration has a long tradition of participation in development projects aimed at testing new technology and solutions to scale up the city's sustainability work. Two of the major projects that the administration has management within recent years have been Sustainable Järva and C/O City. Within the work of these projects, the administration has identified a need to more widely disseminate the smart solutions developed in various projects to regular line of operation.

In order to get a chance to address these issues with a focus on urban development, the environment and health administration decided to participate in the EU-funded project SmartImpact, that was launched in May 2016. The project aims to develop an integrated action plan for increased smart city capacity in the

Based on the interviews and meetings conducted within SmartImpact, a number of obstacles and problem areas that hamper innovation and dissemination of project results within the urban development process have been identified. These obstacles and problem areas have provided the basis for this action plan. The aim is to increase the leverage of the resources invested by the City of Stockholm in R&D in urban development, through improved coordination and better dissemination of the project results.

The foundation of the action plan is the following strategic documents:

- The City of Stockholm's environmental program,
- The City of Stockholm strategy for a smart and connected city
- The City of Stockholm international strategy
- The City of Stockholm Innovation Strategy

Baseline

In order to gather the people who work with R&D-related issues in the technical administrations and to get a picture of the current situation in the R&D area, an Urbact local group was founded during the summer of 2016. The networking exercises have filled up dual functions, they have formed a forum for exchanging knowledge about ongoing projects and projects and announcements, and they have been a source of information about the obstacles and problems within R&D projects. These network workshops and interviews with project managers have created the foundation of measures in the action plan.

An overall review was initially made within the project with the purpose of mapping which forums and projects currently exist for knowledge

dissemination and coordination between the technical administrations. The city is currently conducting a number of projects aimed at strengthening innovation efforts differently and disseminating results from participation in projects. During the Urbact local group workshops, participants have raised problems as they identified about the coordination and dissemination of R & D results and overall co-ordination of R & D.

Projects:

- SmartImpact (Environmental Management)
- Innovation Platform Sustainable Stockholm (IPHS) (Building administration))
- Knowledge Seminars in the Royal Seaport (Building administration)
- Digital Renewal (Mayor's Office)
- Digital Demo Stockholm (Mayor's office)
- Urban Learning (Planning administration)
- Idea loop (Mayor's office)

R&D-related collaboration platforms:

- Urbact local group
- Smart City Working Group
- Stormwater Group
- Noise Group
- Forum for sustainable solutions.
- Open Lab
- Urban ICT arena
- Strategic partnership with KTH
- The SIP Innovation Program (Mayor's office)

Strategic documents and procedures

- Budget, budget guidelines
- Handrail for interaction between administrations in the planning process
- Environmental program for the city of Stockholm
- Roadmap for a fossil fuel-free Stockholm 2040
- Guidelines for renewable energy in the city's own properties
- Stormwater Strategy
- ILS, evaluation system
- Smart and connected city strategy
- Vision 2040
- Urban Accessibility Strategy
- Program Sustainable Urban Development Royal Seaport
- Strategy for smart and connected city
- Masterplan
- Sustainability demands for new buildings
- Project management tool

Department specific operational guidelines

- At the Building administration there are the quality system and technical manual and Miljöbygg Stockholm

- Planning administration has the Plan Manual
- Mayor's office has SSIP (System Support Large Investment Projects)

Problems

- It is difficult to know what is going on in other administrations, there is no natural arena within the city for knowledge exchange within the R&D after NDS
- There are uncertainties about the status of networks and which mandates exist in participating
- We work in different technical systems, for example, the technical administrations use different GISs, and our support documents are only partially coordinated, low awareness of common guidelines for digitization and data collection.
- The application process for new projects is often complicated, which takes a lot of time for project managers who do not have this as their core competence.
- Experience from collaborative projects is that it needs to be easier to write collaborative agreements between different administrations,
- Working with project management is burdensome and it is hard to know where to turn for support
- Low knowledge of the infrastructure of the innovation ecosystem

Proposed actions

- Map how the city's innovation ecosystem looks like, this is already provided through SmartImpact
- Establish an R&D- network under the board of directors for the technical administrations to improve coordination on ongoing R&D
- Improve the link between city evaluation system and project results, to make sure project results are being implemented
- Establish a joint fund for communication efforts to ensure that there are resources for project results at the end of the projects
- Arrange breakfast meetings, each technical administration will be responsible for conducting 4 breakfast seminars each year in the auditorium where current projects are presented.
- Newsletter and bulletin board for R&D, Emilie Z at the Building administration, will be responsible
- Project database (R&D, good examples, etc.) preferably geo tagged and interactive
- Structures such as the idea loop and other infrastructure that promote innovation are included in the budget (instead of project financing).
- Clear innovation responsibility for different administrations / companies
- Establish competence programmes for the technical administrations, linked to Environmental Requirements for new developments, courses to be given repeatedly 1-2 times a year of training of internal / external parties affected by the requirements.