

ITEA Smart City Advisory Board

Report meeting 29 June 2022

The 4th SCAB meeting was held as an online meeting on the 29 June with participation of 9 representatives of the ITEA SCAB members and 2 potential members from Eindhoven region and The Hague:

City/Region	Country	Represented by
Antwerp	Belgium	Emillie Cowenberg
Brno	Czech	Robert Spal
Ghent	Belgium	Bart Rosseau
Ghent	Belgium	Thimo Thoeve
Istanbul	Turkey	Burcu Büyükkınacı
Kassel/Nordhessen	Germany	Annika Schroeder
Stockholm	Sweden	Camillia Wikstrom
Tampere	Finland	Jari Ahola
Zaragoza	Spain	Daniel Sarasa Funes
Eindhoven	Netherlands	Tim Daniëls
The Hague	Netherlands	Tijn Kuyper
ITEA Board member	Country	Represented by
ESRI Canada	Canada	Alex Miller

After a short round table introducing each attendee, Alex Miller, the president and founder of Esri Canada, the leading geographic information system (GIS) company in Canada, shared an inspiring and valuable presentation:

- Starting with the concept of Intelligence, moving to AI concepts and how AI could be useful for cities already.
- Then, focussing on cities and their stories and explored detailed information on why a digital twin of a city / country, or community would be beneficial based on the needs of today and tomorrow.
- Finally sharing a vision on massive changes and future challenges and how technology could be helpful for sustainability and humanity.

ESRI Canada, expert in GIS solutions, has deep knowledge and experience on collecting and using tremendous amounts of data and on building intelligence based on the collected big data. The vision that has been drawn by Alex, created a set of interactions from the SCAB members to go deeper in the usage of technology for the urgent needs of the cities.

Smart City projects and challenges

After the presentations, a few cities shared their current projects and challenges:

- Antwerp presented the challenges on smart mobility and its projects to tackle these challenges, like multiple resources for data. Various data formats of these resources need to be resolved to build a navigation solution that creates a smooth route planner for citizens. Antwerp has various dimensions of its challenges on mobility including urban logistics and freight transport. UAVs are investigated as a potential solution.
- Brno shared its urgent needs and projects with SCAB members. Challenges mainly focus on smart mobility challenges due to an old city centre/small roads causing mobility issues in the city for citizens and public vehicles like garbage trucks. Building and improving a digital model of a public transport accessibility model is an active project for Brno.
- Tampere develops a strategy to follow trends on digital transformation to serve its citizens better. Knowledge management, expertise on data usage and AI may help to build solutions. Therefore, Tampere has projects on Data-Driven City for Citizens inclusive to many profiles like businesses, pedestrians, schools and students, tourists, and foreigners in the city.
- Kassel shared information about its projects using UAVs and its challenges. The details of their projects will be shared in a future SCAB meeting.

Following the interactions between cities during the SCAB meeting, it was obvious that data management, digital twin of cities, smart mobility, citizen engagement and building a “Living City” are main concerns of municipalities. Data collection, data management, integration of multiple data resources and building an intelligent system and solution based on these data resources are related with software innovation. The ITEA Community may build innovative and impactful solutions for these urgent needs by collaborating and getting guidance of cities.

SCAB web portal

ITEA has prepared a portal for SCAB members and the ITEA Community to build connections among cities and to build a bridge between cities and ITEA Community. This portal can be found at <https://itea4.org/smart-city-advisory-board.html>. This website has the following elements:

- *Participating cities SCAB*
Links to the website of each SCAB member to introduce itself to other members and ITEA Community.
- *Smart City challenges*
Available tender websites from SCAB members are listed in this section to build a connection between the ITEA Community and SCAB members based on real and urgent needs of the cities.
- *Latest Smart City news*
In this section we share the good news about a success, a solution or a challenge from SCAB members and the ITEA Community.
- *Smart City solutions*
This is the place where SCAB members may find innovative solutions developed by the ITEA Community during an ITEA project. This is designed to initiate a conversation between these two stakeholders.

- *ITEA Smart City projects*
SCAB members may explore successful ITEA projects, its project partners and their outcomes. It may be useful to find partners for new projects and to get inspired by ITEA projects.
- *Smart City events*
In this section, Smart City-related events are listed. This section is open to input from the SCAB members and ITEA Community.
- *Part of a bigger story*
The ultimate goal is to create strong, innovative solutions based on actual urgent needs of cities, by joining forces of SCAB members and the ITEA Community within an ITEA project. Therefore the SCAB members are invited to join e.g. the ITEA PO Days and check the ITEA Project idea tool.

This portal is for all SCAB members and those with a Smart City expertise to interact. This portal will be shared on a regular basis with the SCAB members and ITEA Community, to receive new valuable input. If you have any Smart City challenges, solutions, news and/or event you wish to share on this portal, please contact us at info@itea4.org.

Next Steps

The next SCAB meeting is planned for mid-November. A set of smaller meetings will be organised with SCAB members to build collaboration within ITEA.