Supporting the decision-making in URBAN transformation with the use of dIsruptive TEchnologies

WELCOME TO THE FIRST EDITION OF URBANITE NEWSLETTER!!!

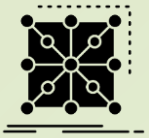
This newsletter is a publication of the **project.** Its goal is to provide information about the URBANITE project activities and to showcase the project achievements.

URBANITE: Supporting the **decision-making** in **URBAN transformation** with the use of **disruptive Technologies**.

The main objective is to provide, by means of a co-creation strategy, a **long-term sustainable ecosystem model** that articulates **the expectations, trust and attitude from civil servants, citizens and other stakeholders in the use of disruptive technologies**. This model will be supported with the provision of a **data management platform** and **algorithms for data – driven decision – making i**n the field of urban transformations and validated in the urban mobility domain.

In order to demonstrate the URBANITE Key Results, we will setup the **validation context in the participating municipalities (Amsterdam, Bilbao, Helsinki and Messina)**, with the aim of subsequently progressively developing and refine the URBANITE ecosystem. Works are currently ongoing in all case studies

Knowledge



Data management

Policy decision making

Validation

Business models

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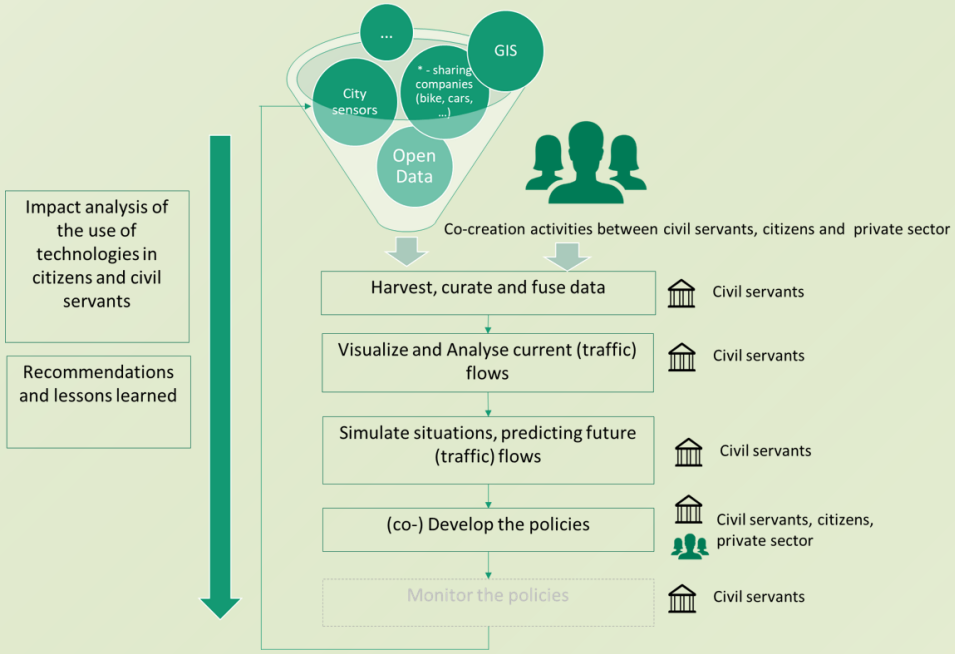
APPROACH



URBANITE Solution

SoPoLab

a digital co-creation environment and a set of approaches to help co-design and co-create policy guidelines with all involved actors.

Data Management Platform

a platform supporting the entire data processing chain from collection, aggregation, provisioning to using the data.

Decision-Support System

powerful analytics tools that combine multiple data sources with advanced algorithms, simulation, recommendation and visualization.

Recommendations and pathways

Pathways to provide public administrations guidance on the adoption of disruptive technologies and data in their policy making processes.

Modular – Adaptable – Interoperable – based on open standards

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USE CASE ACTIVITES

Amsterdam

- Optimise bike mobility and increase its appeal as main transport mode
- Solve issues related to bike parking and bike-traffic-jams
- Encourage virtuous behaviour in bicycle driving
- Prioritise interventions and Budget
- Organise data-commons

Bilbao

- Definition and development of mobility policies within the framework of the Sustainable Urban Mobility Plan (SUMP)
- Prioritize measures for SUMP development
- Monitor SUMP development
- Evaluate impact of mobility intervention on traffic, mobility patterns and SUMP indicators

Helsinki

- Check status of traffic and its development
- Analyse how traffic could evolve
- Perform traffic forecasts
- Simulate traffic planning and land use
- Check the development of new infrastructures and policies
- Develop master plan for city development (land use, mobility, housing, etc.)

Messina

- Optimise mobility and integrate multimodal transport services for the city centre
- Organise on demand transfer services for vulnerable people
- Organise Bicibus and Pedibus initiatives for green mobility
- Coordinate activities and communication among different departments

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URBANITE KICK OFF AND GENERAL ASSEMBLIES

The project began in April 2020 with a Virtual Kick off meeting where all the partners met, and the procedures for achieving the project goals was discussed. Project timelines and milestones were discussed and agreed upon.

The 2nd General Assembly took place the 1st – 2nd July, with the focus on the common vision of the project and the different use cases, for which a dynamic based on Cross-WPs sessions was adopted.

The 3rd General Assembly was celebrated on 28th – 29th October, to go into functional details of the use cases.

The next Assembly is planned for the next 23rd-25th of March to establish the baseline for the first release of the Urbanite Platform and the initial planning for the successive iterations.

RESULTS

After almost a year of the project, the URBANITE proposal begins to take shape and the first results are available:

- A better understanding of the use cases of the four participant cities: Amsterdam, Bilbao, Helsinki and Messina.
- In January and February Urbanite's pilot cities conducted their Social policy lab participative sessions to map out challenges, risks and possibilities of data driven decision making.
- 1st version of the description of the URBANITE architecture, as basis for the next steps on the development and integration.
- A semantic model specification and common data structures , based on analysis of the data sources that are available and relevant to the project use cases.
- The definition of a strategy and algorithms for data modelling and visualizations, that could be applicable to the URBANITE domain.

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PAST EVENTS

- Participation on the webinar organized by the H2020 PolicyCloud and Cyberwatching projects on the analysis of the legal, ethical, cybersecurity aspects and practical implications of the new Data Governance Act launched by the European Commission.

- Presentation of the challenges from the perspective of urban planning at the Intelligent and Sustainable Mobility Forum, promoted by the Metropolitan Area of the Aburrá Valley and the Pontifical University in Colombia.

- Co-sponsor of the European Big Data Value Forum (EBDVF) Parallel Session on Smart Government with co-creating services with the use of AI and data, with examples of Smart Government initiatives across Europe.

EUROPEAN BIG DATA VALUE FORUM
3 - 5 NOVEMBER . 2020 - BERLIN + VIRTUAL

- Presentation of the FutureMobilityDAY, part of the SMART MaaS event series, funded by the Federal Ministry for Economic Affairs and Energy (BMWi) and organized in collaboration with FIWARE.

- Alma Digit and the Comune di Messina presented URBANITE in the context of the European Mobility Week, showing the work on guiding Public Administration towards digital transformation of services and process management in the mobility sector.

FUTURE EVENTS

- URBANITE take part in 3rd edition of the FIWARE Mobility DAY, within the Future Mobility Conference on MaaS, organized in collaboration with the FIWARE Smart Cities Mission Commitee and the Smart MaaS consortium.

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URBANITE AT A GLANCE

Full Name:Supporting the decision-making in URBAN transformation with the use of dIsruptive TEchnologies
Call: H2020 – DT-TRANSFORMATIONS-02
Duration: 36 months (April 2020 - March 2023).
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