Deliverable 7.1
Demonstration of the city trials

Editors: all partners

C^{3}PO
City Co-Design Platform

Delivery Date: 15/12/2015

Executive Summary:

Initial remarks:

Editors: All partners

Made available to: Private

History

Version	Date	Major modifications/observations
1	15/12/2017	Summary of the content available on the Website

1 Introduction

The deliverable is the online version of the demonstrations of city trials. They are available in the project website: https://c3poprojectblog.wordpress.com/

2 City trials on the website

2.1 Brussels

2.2 Kortrjik

BELGIUM: KORTRIJK

Case

- **Areas:** Station and Kortrijk Weide
- **Mobility** during the building phases
- 3D visualization of the near future, with the ability to interact with citizens

Stad **KORTRIJK**

A common framework for the co-creation process

- Needed a common frame to talk about the process between different countries & professions
- Stakeholder approach & analysis steps defined with Createlli, Studio Dott & Assar
- 4-step process

MVP for a participation app

- Supports different process steps of urban projects (identification of needs, proposal feedback, construction,…)
- Allows a stake-holder specific approach
- Supports exchanges with all stakeholders together or in separated groups (tailored processes)
- Allows top-down (city-lead) or bottom up (stakeholder initiative) processes

- Defined by Createlli, Studio Dott, Assar and city of Kortrijk
- Designed with Studion Dott and participation experts
- Pilot-test ongoing with city of Mechelen
- Will soon be used for the project @ Kortrijk

2.3 Kouvola

FINLAND: KOUVOLA

Case

- **Kouvola** is a city of about 88,000 inhabitants in <u>Kymenaakso, Southeast Finland.</u> Kouvola is Finland's tenth largest city.

- In **Kouvola**, the urban and the rural live side-by-side. The Kymi River winding through the region provides the local popu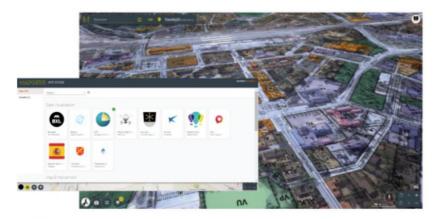lation and tourists with a setting for recreation, serves local forest industry companies and provides a unique landscape. **Kouvo**la is also a **railway city**. It is the western terminal of the Trans-Siberian Railway that goes from Europe to Asia, as well as being a significant junction in Finland

Renovation plans

Tool (3D rendering): Mapgets

- Allows visualisation and integration of different applications for city planning
- 23 Apps in data visualisation, map enhancement, productivity and smart city categories are already available for Kouvola city on Mapgets

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2.4 Pendik

TURKEY: PENDIK

Case
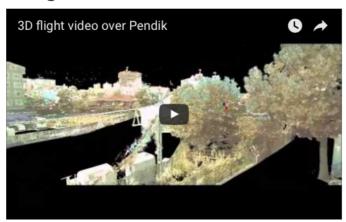
- **Area:** Downtown Region and Urban Transformation Area in Pendik/İstanbul
- 3D Visualisation of the area and Interaction with the new 3D models of the buildings through Augmented Reality
- What-if simulations
  - How the vehicle and pedestrian traffic will be affected after urban trasnformation
  - How city dynamics differ in short and long term? Crowd distribution around schools, hospitals, mosques, street markets, etc in quiet time and rush hours of a day.
- What do people think about new urban transformation plans?
  - Social media statistics, opinion analysis
  - Citizens' participation to decision-making processes

Demonstrations

3D flight video over Pendik

2D visualization of the urban transformation plan and data models