

Citizen Participation and Mobile Technology - CPMT

Content of the Presentation:

1. Definition and background of the CPMT – Approach
2. Substance of the CPMT – Approach
3. Technical Developments of the Live+Gov projects
4. Cooperation possibilities

Definition CPMT:

The CPMT – Approach is a methodology for using mobile technology and modern information and communication technologies in Open Government and Open Data projects

Origin of the CPMT – Approach: The Live+Gov Research Project

LIVE+GOV



co-funded by the European Union

Consortium members:

- University of Koblenz/Landau (Germany)
- Centre for Research and Technology Hellas, CERTH (Greece)
- YUCAT BV (Netherlands)
- Mattersoft OY (Finland)
- Fundacion Biscay TIK (Spain)
- EUROSOC#DIGITAL (Germany)

Main Service Provider for the CPMT – Approach:

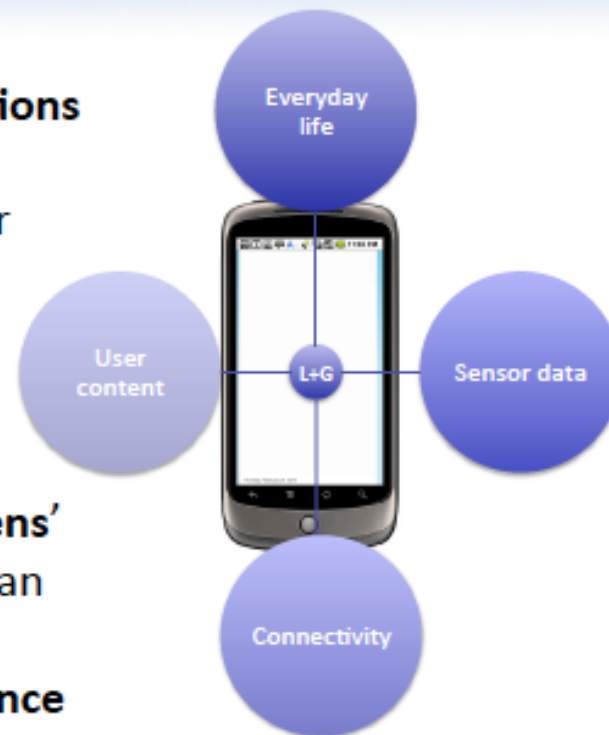


Aim of Live+Gov:

Live+Gov mission statement

Develop **mobile government solutions** that allow **citizens** to accurately express their **needs** to government by using **mobile sensing technologies**...

Government achieves accurate analyses of **citizens' needs** and **opinions** and can take advantage of a **collective citizen intelligence**



Aims of the CPMT – Approach:

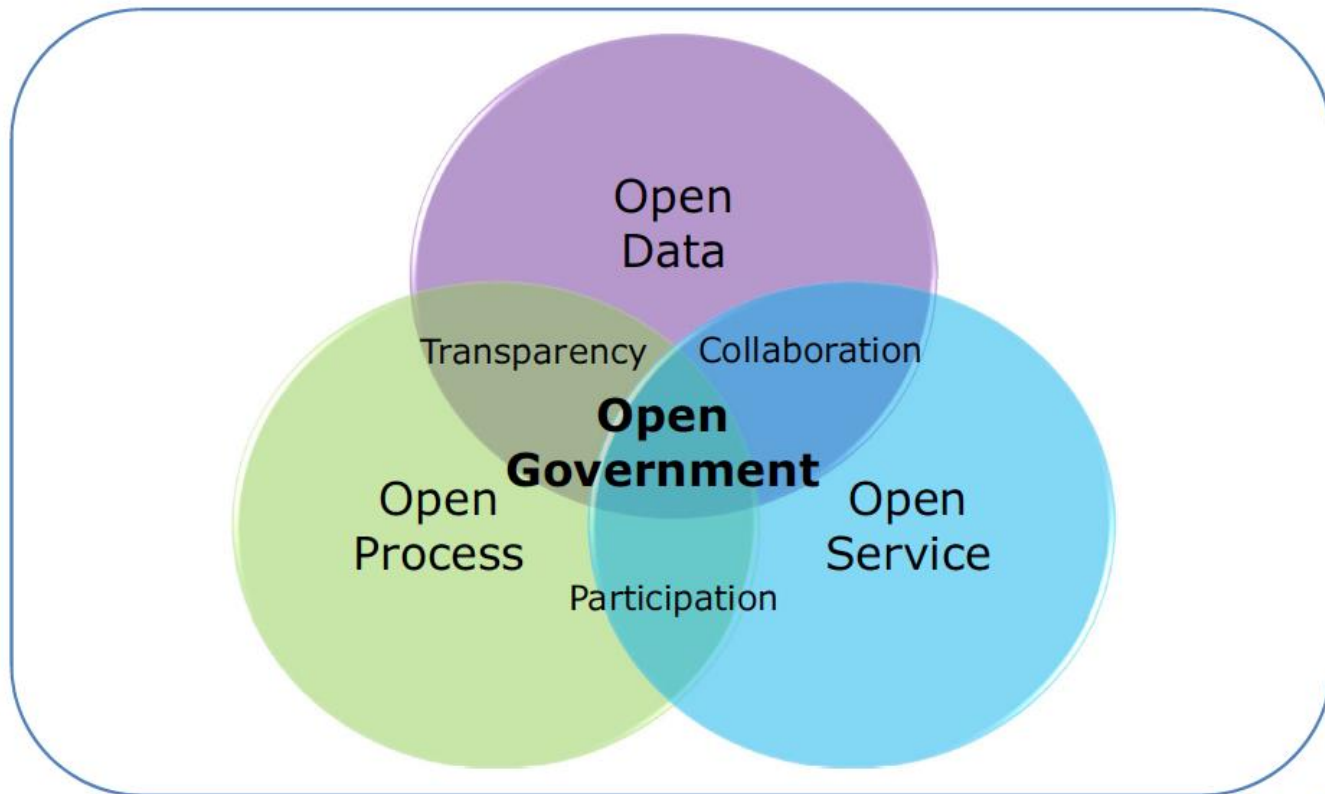
- Improving democratic representation
- Increasing the quality of public service delivery
- Decreasing the costs of public service delivery

Substance of the CPMT – Approach:

The CPMT – Approach is based on the **Open Government** concept as defined in the **Open Government Partnership** with its three pillars **Transparency, Participation, and Collaboration**

2. Substance of the CPMT - Approach

Open Government concept



Source of diagram: <http://www.govloop.com/profiles/blogs/three-dimensions-of-open-government>

Four steps of the CPMT – Approach:

1a) Choosing the form of Public-Private Interaction

→ Deciding which participatory format is matching the needs and demands of the municipality?

1b) Choosing the policy-field and sub-field

→ Authorities need to identify and specify in which contexts they would like to have more citizen participation

2. Structural Adaptation / Business Rule Development

→ New participatory instrument need organisational adaptation in the public administration. Authorities need to develop new and explicit business rules.

3. Technical Implementation

→ New Business Rules need to be implemented by the adequate technology provider.

4. Communication Strategy

→ The new processes need to be communicated internally and externally: public administration employees need to be trained and citizens need to be informed about their new possibilities to interact with authorities.

2. Substance of the CPMT - Approach

Forms of Transparency:

Simple - Uncommunicative	Simple - Communicative	Advanced – Involving	Advanced - Engaging
Information			
- Websites displaying the organisational setup of the public administration (personnel, their powers and duties)	- Websites displaying the organisational setup of the public administration as well as providing communication possibilities	- Websites displaying the organisational setup of the public administration as well as providing communication possibilities - Adding decision-making procedures and granting background expertise (official reports, budgets, etc.)	-Websites displaying the organisational setup of the public administration as well as providing communication possibilities -Adding decision-making procedures and granting background expertise (official reports, budgets, etc.) -Providing Open Data for download

Forms of Participation:

Consultating		Co-Deciding / Co-Governing
Variant 1	Variant 2	
Late in the policy-making process establishing a communication process for explaining policies	Early in the policy-making process but not binding for the authorities – might prolong the process but increases legitimacy of a policy	Early in the policy-making process – giving citizens the power to change – greatly increases the legitimacy of policies

Forms of Collaboration:

Collaboration Type 1		Collaboration Type 2
Passive	Active	
Citizens' mobile devices are used to collect data by mobile applications. Data are analysed by authorities. New services are provided.	Citizens actively share information with the authorities via their mobile devices. Authorities use the information for providing new services.	Citizens take responsibility for maintaining public infrastructure. They assist authorities in public service delivery.

Use-case 1: Urban Maintenance in Utrecht/Netherlands

- Public authorities collaborate with the citizens to maintain the city
- Citizens can make reports issues and damages of the public infrastructure via their mobile device
- These reports are displayed on a newly developed web-application
- Authorities can communicate with citizens about these reports and know what they want

Kaart Galeri

Zoek naar een adres

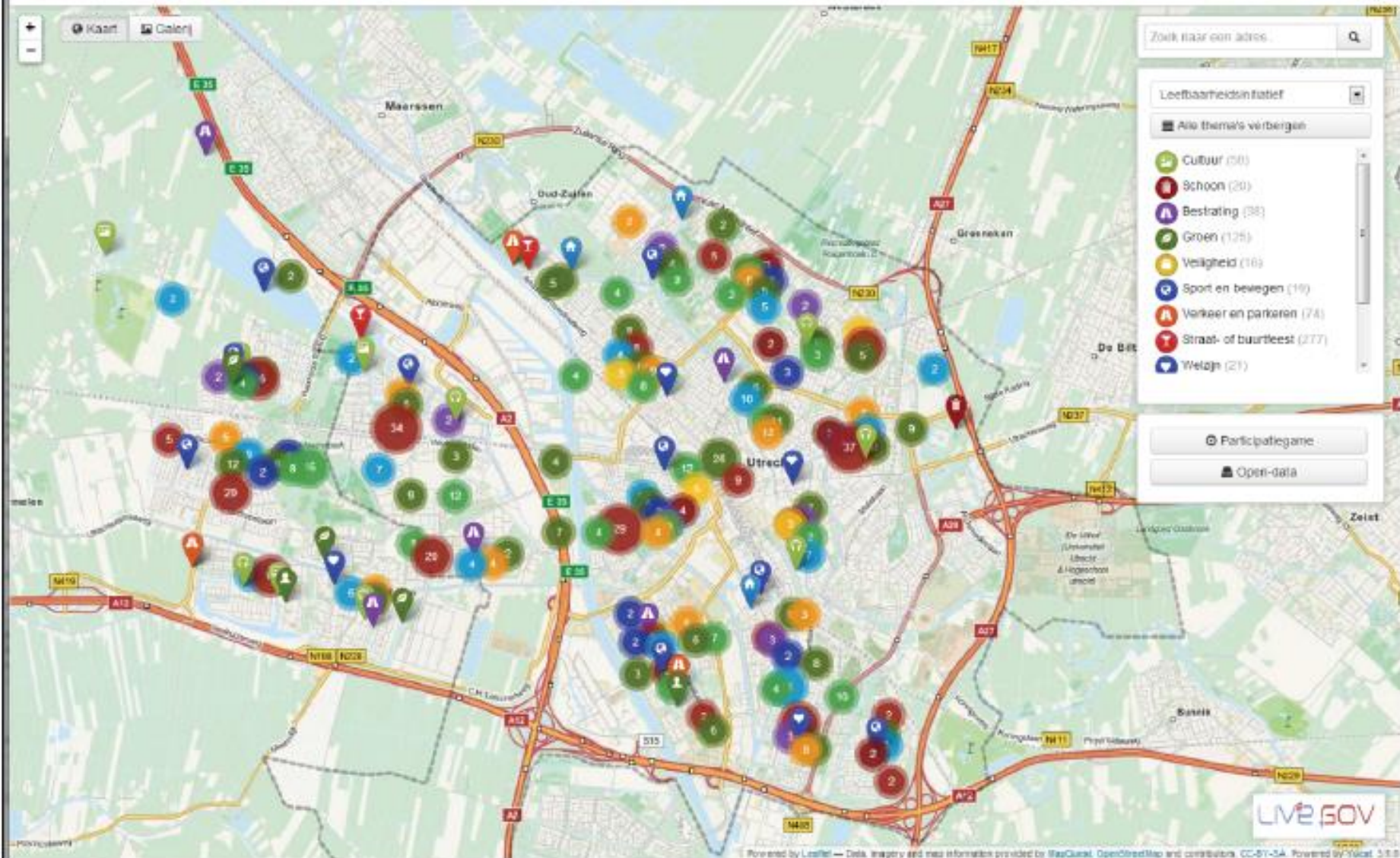
Leefbaarheidsinitiatief

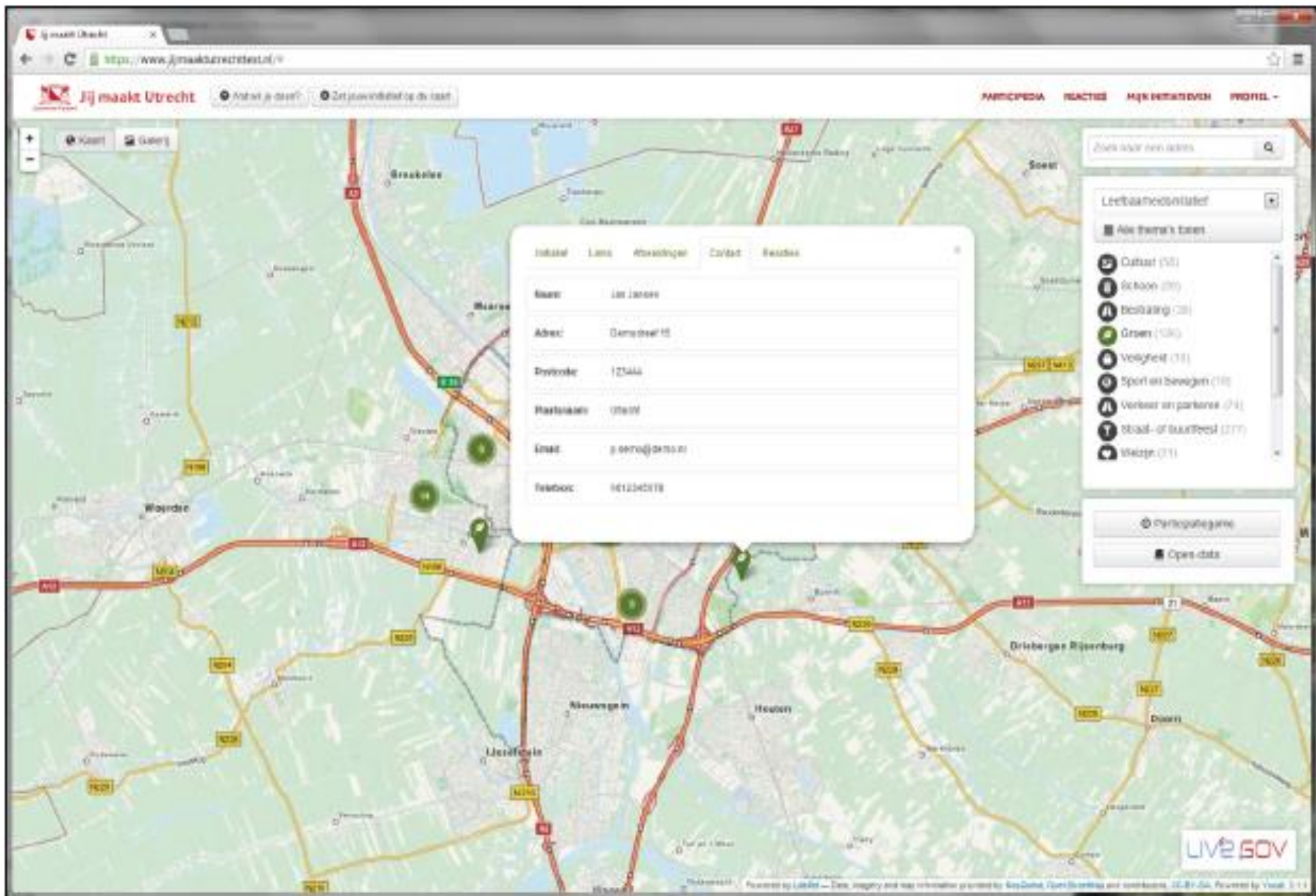
Alle thema's verbergen

-  Cultuur (58)
-  Schoon (20)
-  Bestrating (38)
-  Groen (125)
-  Veiligheid (16)
-  Sport en bewegen (19)
-  Verkeer en parkeren (74)
-  Straat- of buurtleest (277)
-  Welzijn (21)

Participatiegame

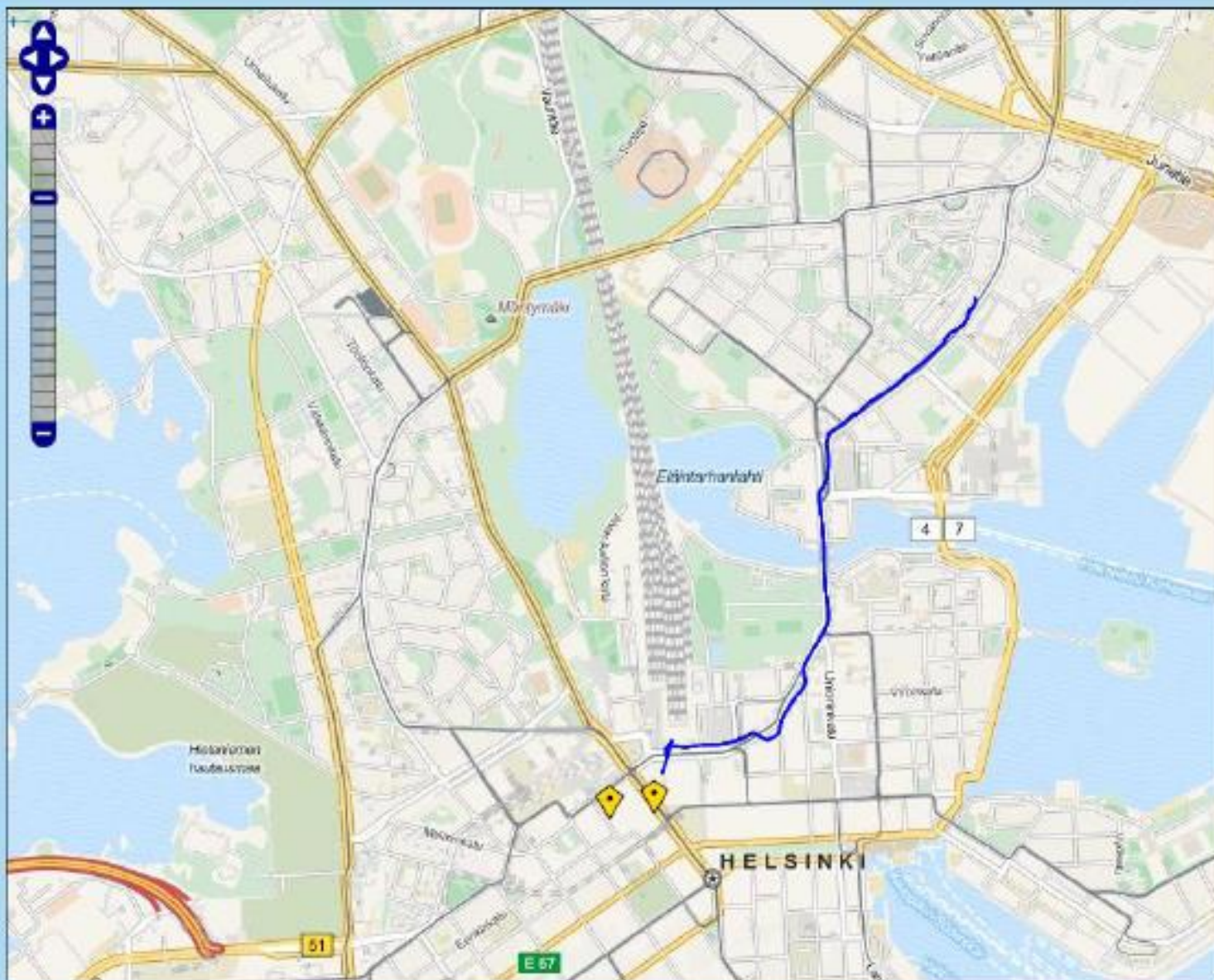
Open-data





Use-case 2: Public Transport Planning and Management in Helsinki / Finland

- A newly developed mobile application is collecting data about citizens' movement through the traffic infrastructure of Helsinki
- Authorities detect problems and difficulties (e.g. traffic jams) and can adapt their policies



Journey presentation mode:



- ☒ Travelled
- ☐ Beeline

Show journeys from the clicked point on the map:

- ☐ From
- ☒ To
- ☐ Between

Show journeys with a beeline to travelled distance over a ratio:

2

Search

Show journeys with waiting time over 1 minutes.

Search

Search journeys between dates and times:

00-00-0000

00:00:00

From

00:00

MATTERSLEY

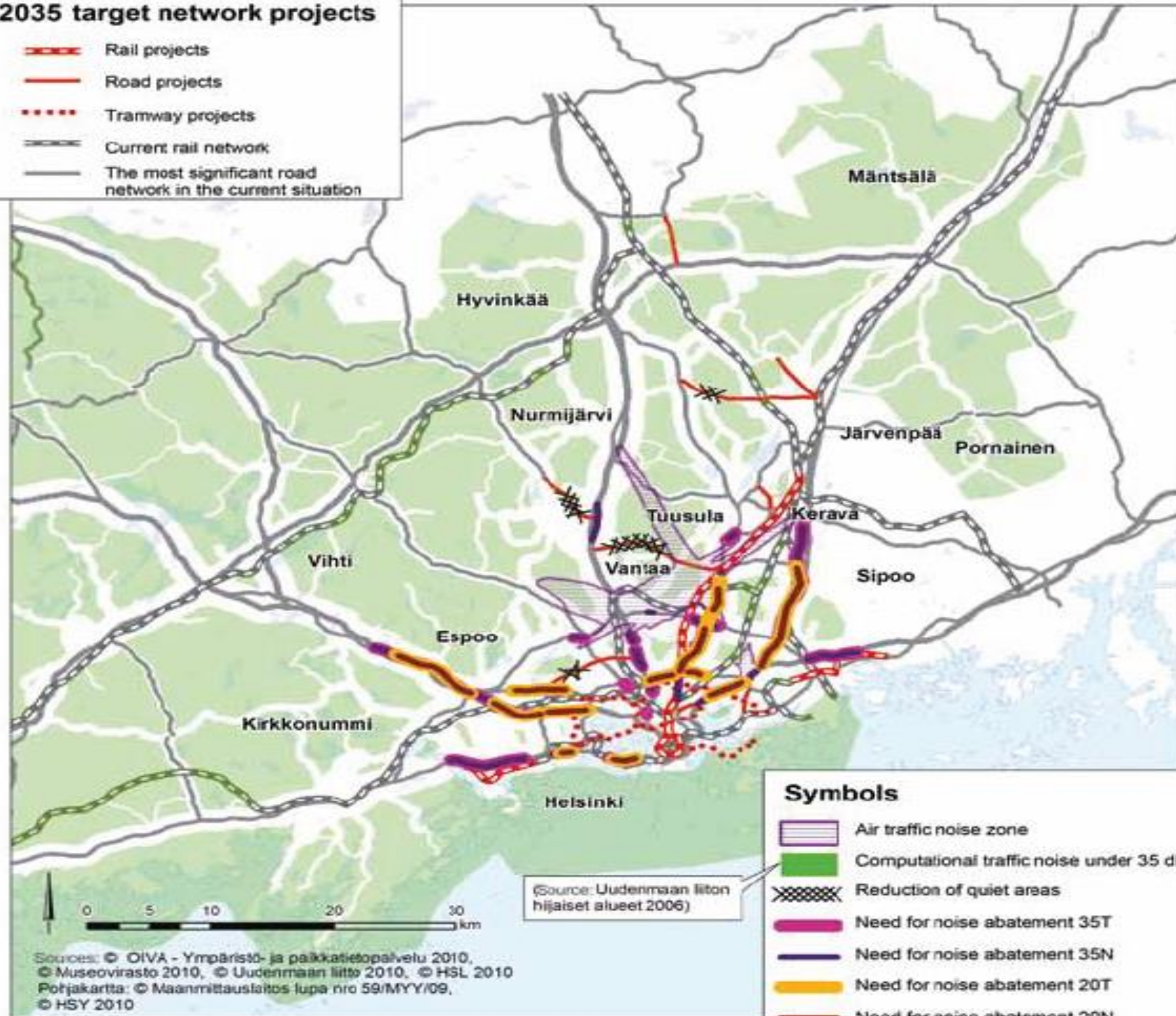
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To

Search

2035 target network projects

-  Rail projects
-  Road projects
-  Tramway projects
-  Current rail network
-  The most significant road network in the current situation



Use-case 3: Political Participation in Gorexola / Spain

- Authorities provide a newly developed mobile application which is informing citizens about planned infrastructural projects (e.g. building a new public building)
- Use augmented reality for projecting the plans onto the screen of the mobile device

3. Technical Developments of the Live+Gov projects

Urban Planning Gordexola



← augmented reality

← augmented reality

← augmented reality



 Euzko Foru
 Aldundia
 Diputazioa
 Foral de Bizkaia


 The next step in the development of the project
 Programme approved by the European Union

1. Developing an Open Government / Open Data project in South Africa along the CPMT – Approach
2. Utilising technical developments of the Live+Gov project possible
3. Providing Training for the CPMT – Approach by EUROSOC#DIGITAL. A training program is available.