MESTNA OBČINA KOPER
COMUNE CITTA DI CAPODISTRIA

ICT tools developed in Koper

MED-UTC TechCamp
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AUTH - Municipality of Koper

Municipality of Koper – Introductory information

- The Municipality of Koper lies at the coastline of the Adriatic Sea.
- Its seat is the town of Koper, where one of the main Adriatic ports and the main freight node for a large part of Central Europe is located.
- Municipality has 50.000 inhabitants in a total area of 300km^2.
- A SUMP has been adopted in 2016 and since then the action plan is under implementation.
- Municipality has 8 bus lines; car sharing system (8 cars); bike sharing system (14 stations-140 bikes, including electric ones)

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Achievements, challenges and solutions

Achievements:

- Agreement with national traffic info centre for data exchange
- Establishment of car sharing system and bike sharing system for extra 140 bikes
- Trafic info centre established to help better manage transport in the municipality area, better control on air quality

Challenges:

- There is a need to connect bike sharing system with province Trieste and Istria areas
- Measures have been implemented for public traffic at urban and suburban level – there is a need for better cooperation with state for intercity bus lines
- Also, there is need for introduction of sea lines (Koper – Trieste/ Piran/ Umag)
    - Expansion of the functional area of the SUMP is needed

Sustainable multimodal smart mobility pilot action – Objectives

- Upgrade the existing traffic information center of the community with
  - software tools in the center for control, monitoring and management of the sensors platform and for analyses of the traffic data

  - software applications for external users:
    - develop the possibility also for the suburban area residents to track the public bus services
    - develop an integrated mobile application for information about all types of mobility

- Put in operation data providing sensors and information displays at the major points of interest

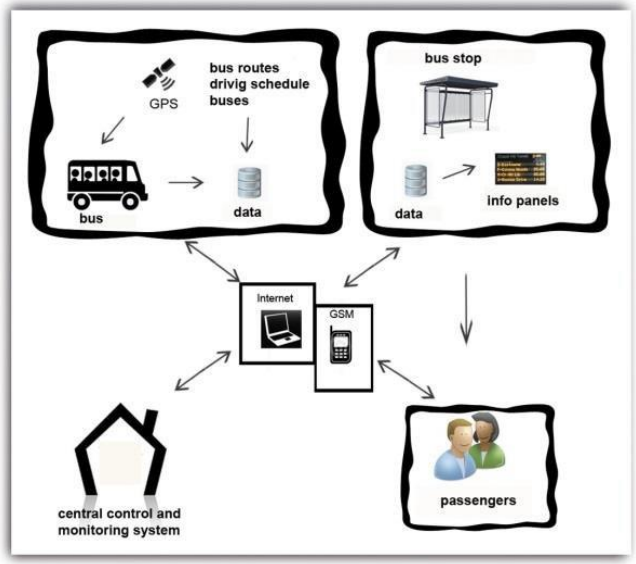
Problems addressed and anticipated impacts

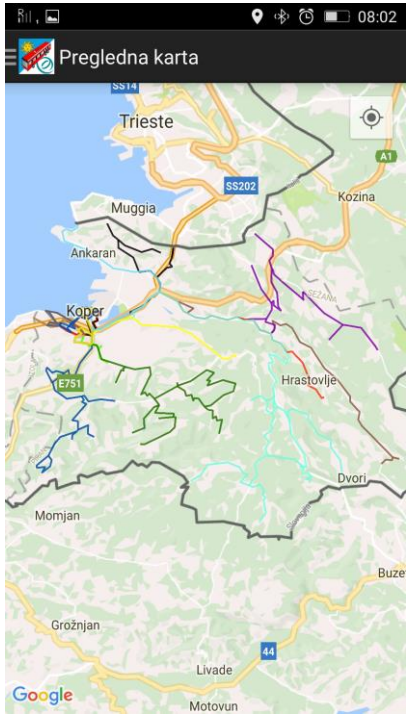
- **Problems addressed:**
  - Integrate all the traffic data in one community center for traffic analyses and distribute them to the public users in various ways (WEB and mobile APP, info displays..)
  - Give to the inhabitants and visitors tools to find the most appropriate way of sustainable mobility

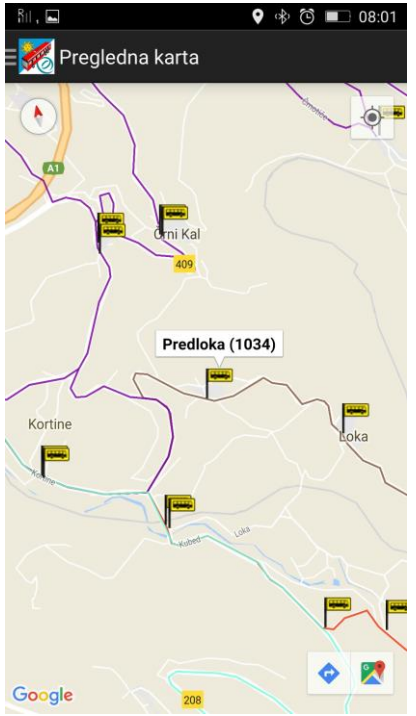
- **Anticipated impacts:**
  - Change of thinking and mobility habits
  - Better use of public transportation

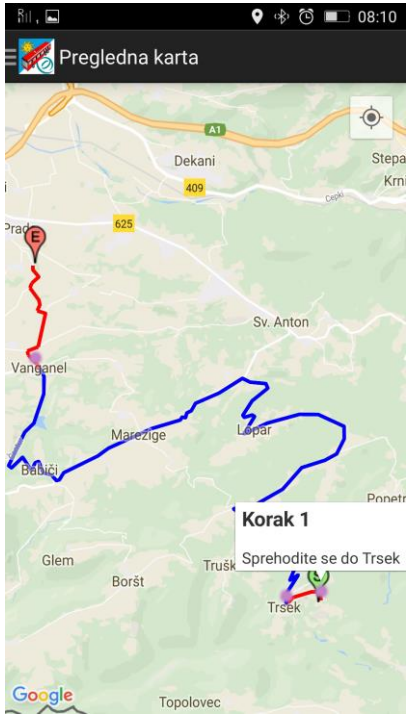
App 1: Mok Bus

The residents of suburban areas can track the public bus services









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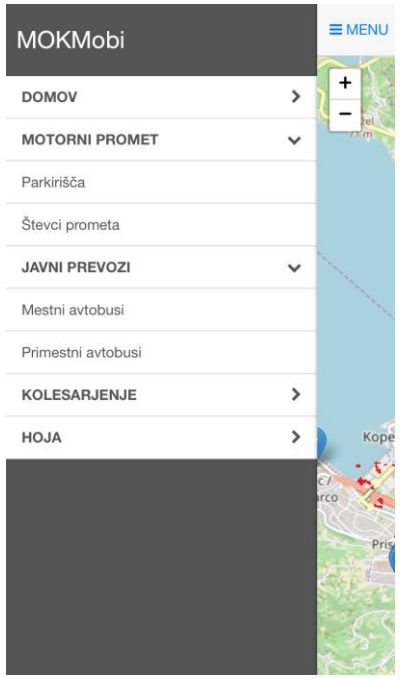
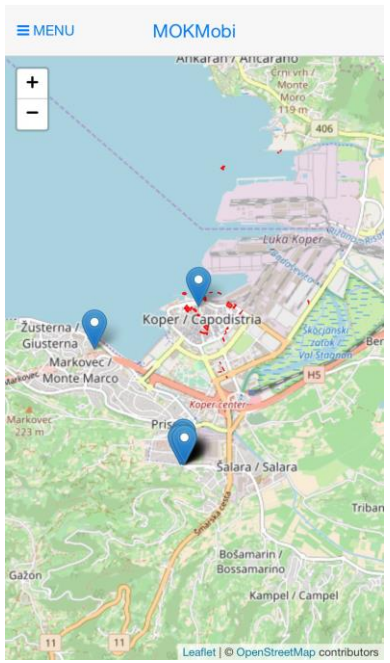
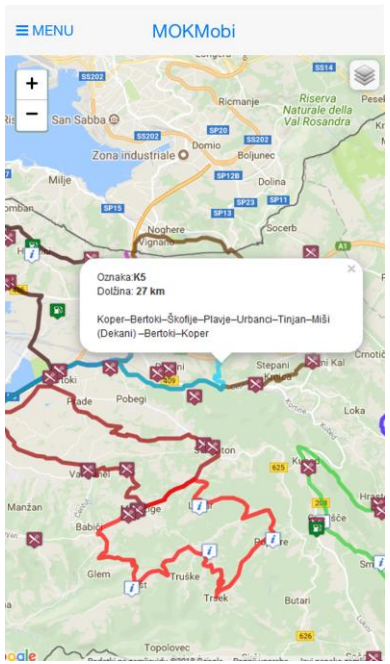
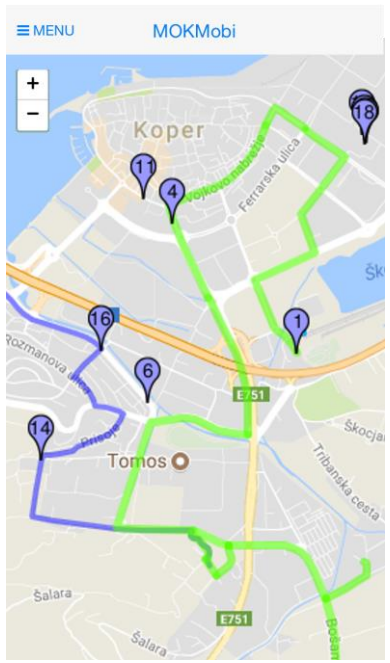
App 2: MOK MOBY

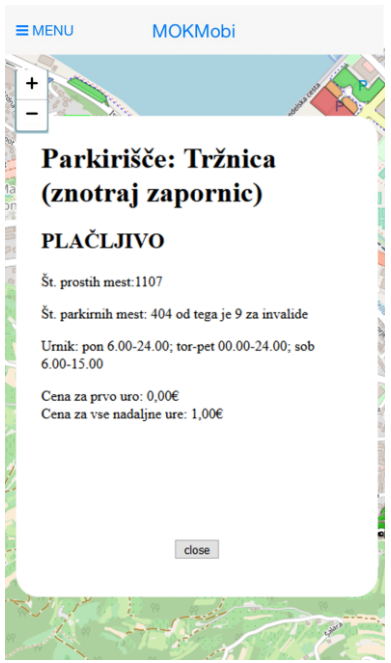
Integrated mobile application for information about all types of mobility











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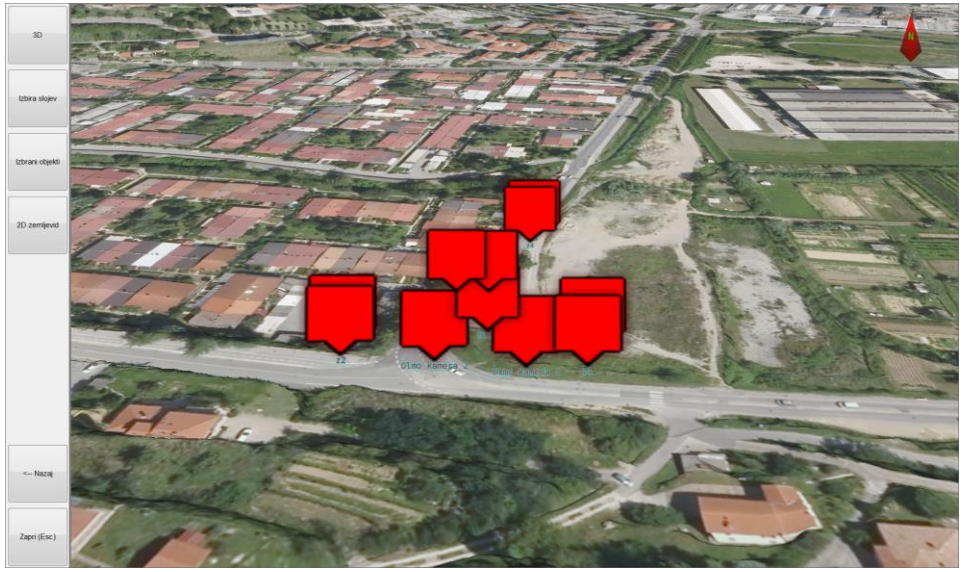
Software tools in the Traffic Info Center



3D view

2D view

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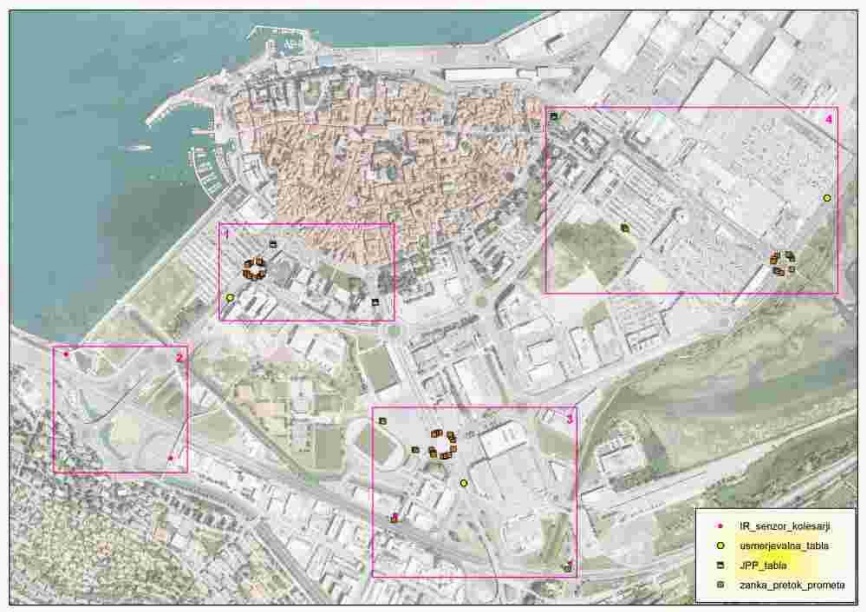
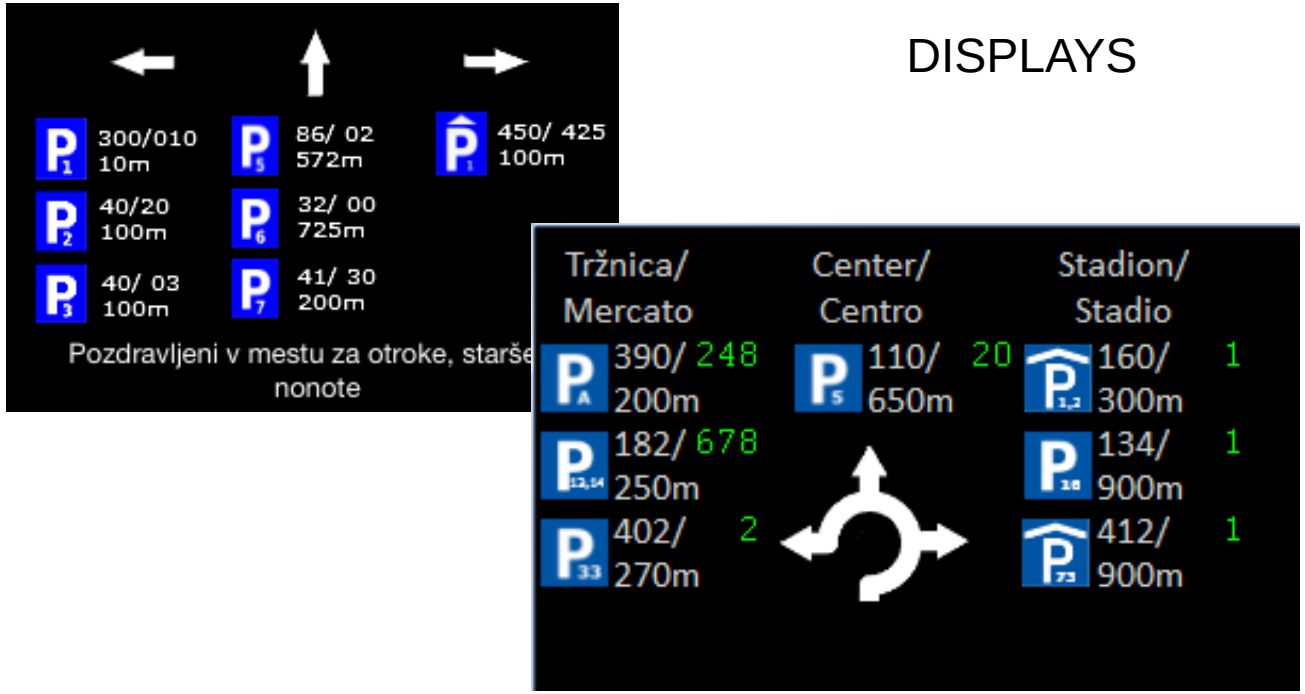
Testing activity – counters and displays



COUNTERS FOR:

CARS, BIKES,
PEDESTRIANS

DISPLAYS



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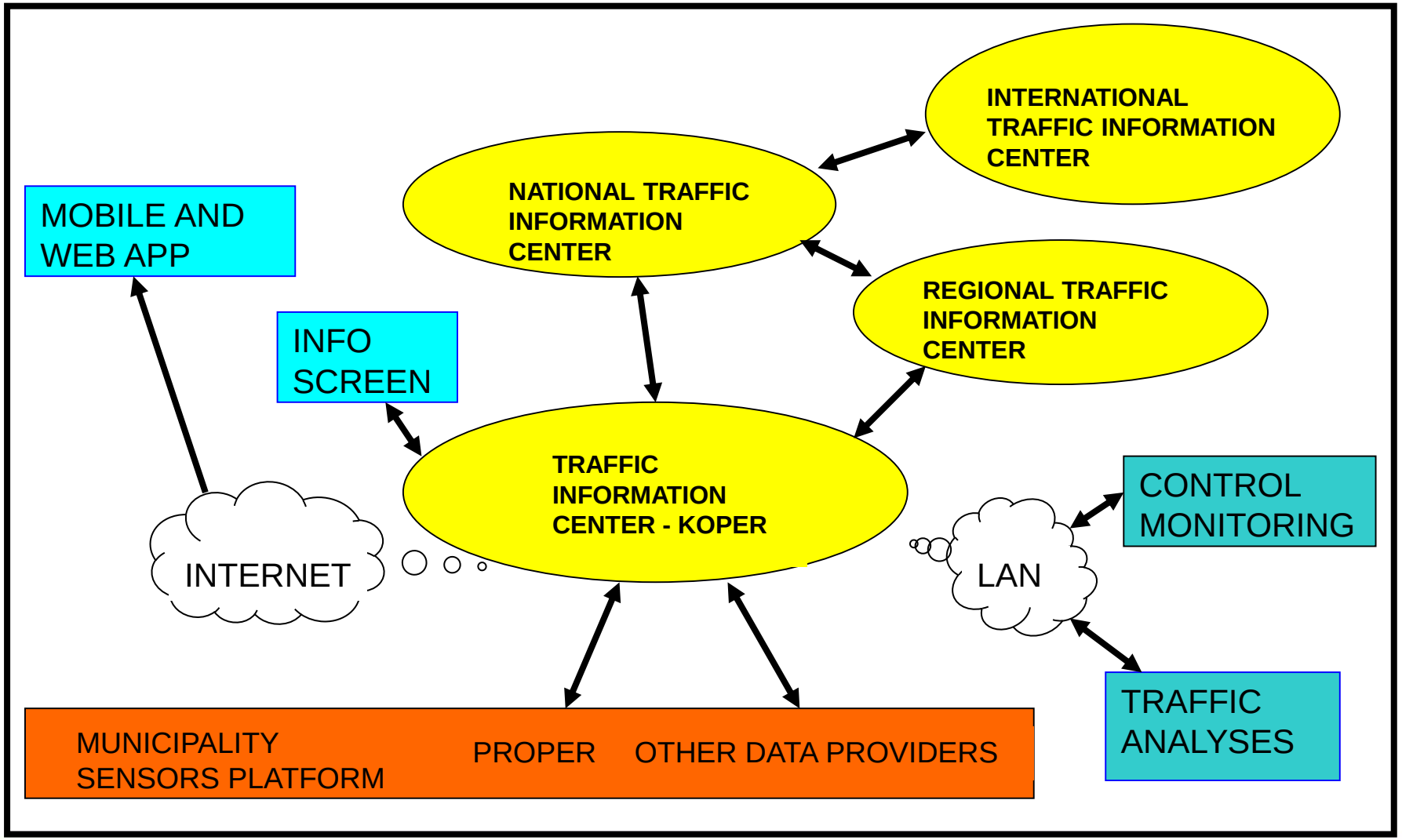
TIC (TRAFFIC INFORMATION CENTER) KOPER



Conclusion and perspectives

- Installation of **necessary equipment** (buses with GPS sensors, monitors at bus stops with real-time information) **facilitating public transport use**
- Creation of **Smart parking system** (parking slots with sensors for information on occupancy-availability of slots near suburban bus stops)
- **Smartphone applications** for journey planning and provision of real-time information
- Development of a **regional mobility center**

Perspectives

- Reinforcement of sustainable and integrated transport strategy.
- Promotion of public transport use and encouragement of “Park & Ride”.
- Promotion of co-modality, use of bus and bicycle. Help people in organizing their daily trips in an environmental friendly and efficient way.

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Thank you for your kind attention

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project partners

Central European Initiative

Institute for Transport and Logistics

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Fundación Valenciaport

Las Naves

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