ICT tools developed in Koper

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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 300km².

- 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)
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
▪ Traffic 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
App 2: MOK MOBY

Integrated mobile application for information about all types of mobility
Software tools in the Traffic Info Center
Testing activity – counters and displays

COUNTERS FOR:
CARS, BIKES, PEDESTRIANS
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.
Thank you for your kind attention