

Mobility within the Future Internet

vicomtech

visual interaction
communication
technologies

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Rationale

- ★ The Future Internet is the new European challenge
 - ❑ People should be connected anytime, anywhere and with any device
 - ❑ It should contribute to enhance the people's quality of life

- ★ Several areas will be impacted by this Future Internet
 - ❑ Transport and tourism as one of the major impact sectors

This contribution focuses on two main aspects of transport and tourism: infomobility and secure mobility

Infomobility

- ★ Innovative services and applications that constitute different media forms delivered over a wide variety of complementary access networks in a seamless and interactive way to a variety of end-user terminals and devices

- Integrated door-to-door real time information systems to allow long distance passenger intermodality based on semantic data models

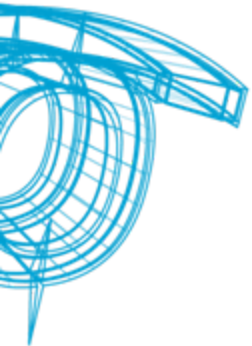
Internet of users

- Efficient recommender systems as decision taking elements related to the selection of the proper route and the means of transport based on user preferences (cost restrictions, preferences, dates) and information about transport carriers (means of transport, available routes)

Internet of contents

- On-board and mobile systems on the vehicles, and mobiles devices of the passengers as an opportunity to create real-time services

Internet of services



Secure mobility

- ★ Innovative secure networks to ensure the security and safety in transport environments

- ❑ Real time traffic flow management for efficient flow of road traffic avoiding traffic congestion or accident

Internet of things

- ❑ Real time automatic analysis of the behaviour of vehicles based on advanced computer vision techniques in order to activate alarms and detect anomalies

Internet of contents

- ❑ Detection and analysis of the conditions of the road to prevent and alert drivers to minimize risks

Internet of networks





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THANKS FOR YOUR ATTENTION

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