MOVE US

ICT cloud-based platform
and mobility services available,
universal and safe for all users

www.moveus-project.eu

MoveUs City Services- Tampere

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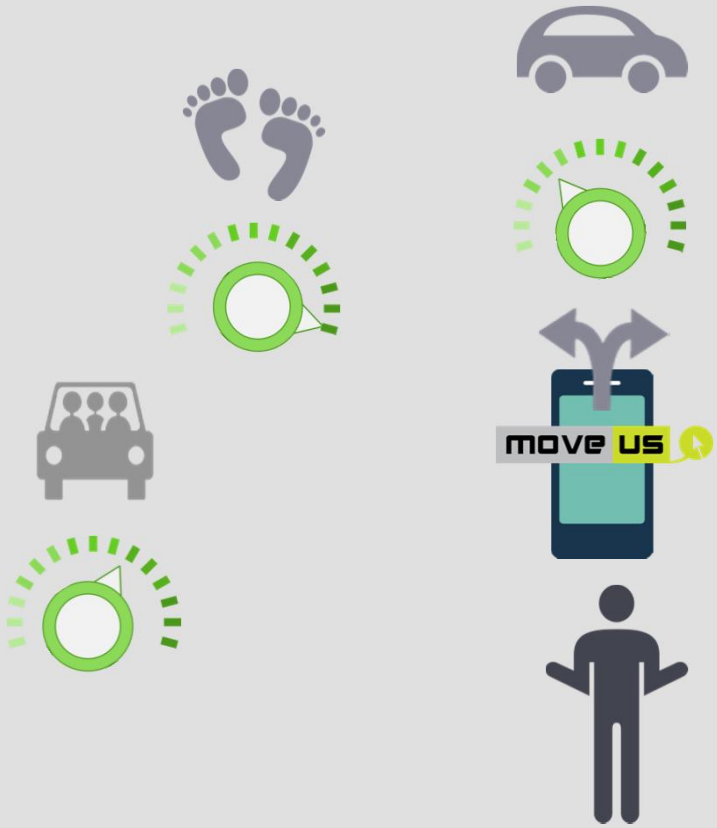
1) Introduction
2) MoveUs and Tampere City Services
   - Multi-modal journey planner
   - Estimation of Energy Consumption per Journey
   - User tailored incentive-based visualization of Journey Options
   - Location of parking places

1) Introduction

The main goal of Moveus Project is to design, implement, pilot, evaluate, disseminate and exploit a number of novel ICT tools for smart mobility in the context of smart cities, directly addressing real users' needs while promoting a habit-change in their daily lives.

1) Introduction

The MOVEUS City Services can be seen as the subset of components of the entire MOVEUS System that provides the functionalities, facilities and services at the closest level with respect to the end user.



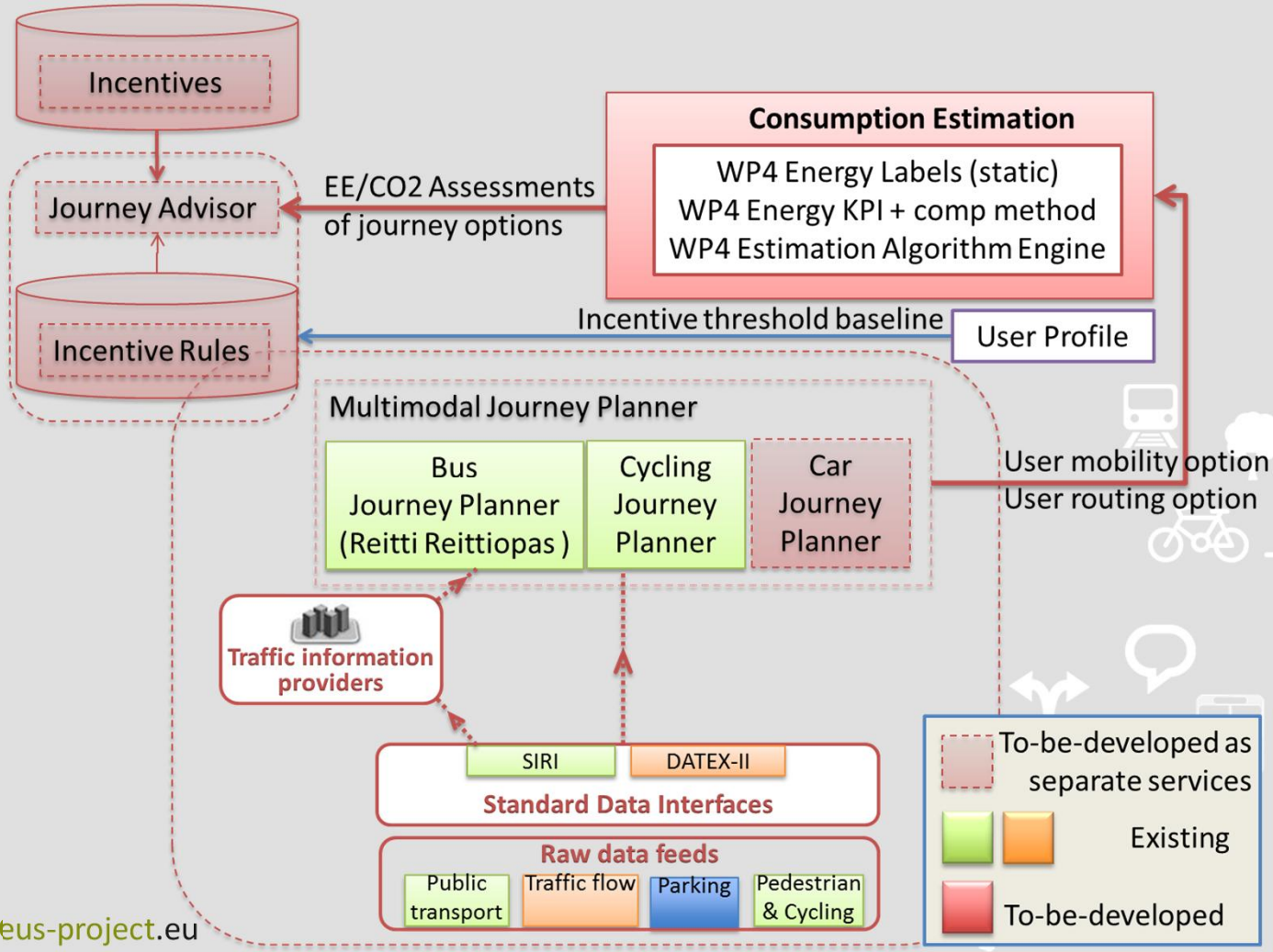
1) Introduction

The City Services considered in MOVEUS can be overall divided into the following groups:

- S1. Services for personal mobility (TPR)
- S2. Services for professional transport
- S3. Services for traffic and mobility operators (incl. public transport, car-sharing, bike hiring, etc.).

1) Introduction

- Architecture



2) MoveUs and Tampere City Services

- MOVEUS Mobility App includes the following functionalities for the City of Tampere:
  - Multi-modal Journey planner
  - Estimation of energy consumption per Journey option
  - User tailored incentive-based visualization of Journey options
  - Location of Parking Places

2) MoveUs and Tampere City Services

Service 1 - Multi-modal Journey planner

This service aims to offer the user the possibility to see all available mobility (i.e. bus/car/bike/pedestrian) and routing (streets and pathways) options between its current location and a declared intended destination.

2) MoveUs and Tampere City Services

Service 1 - Multi-modal Journey planner

The users can choose the way they want to move: public transport, bicycle, city bicycle (hired bike), car or on foot, and the application will guide the user to achieve the target point.

The mobility options provided by MoveUs platform to the user will take into account the mobility information available in MoveUs platform, including bus stops and lines, city bike stands, bicycle parking places and car parking place and availability

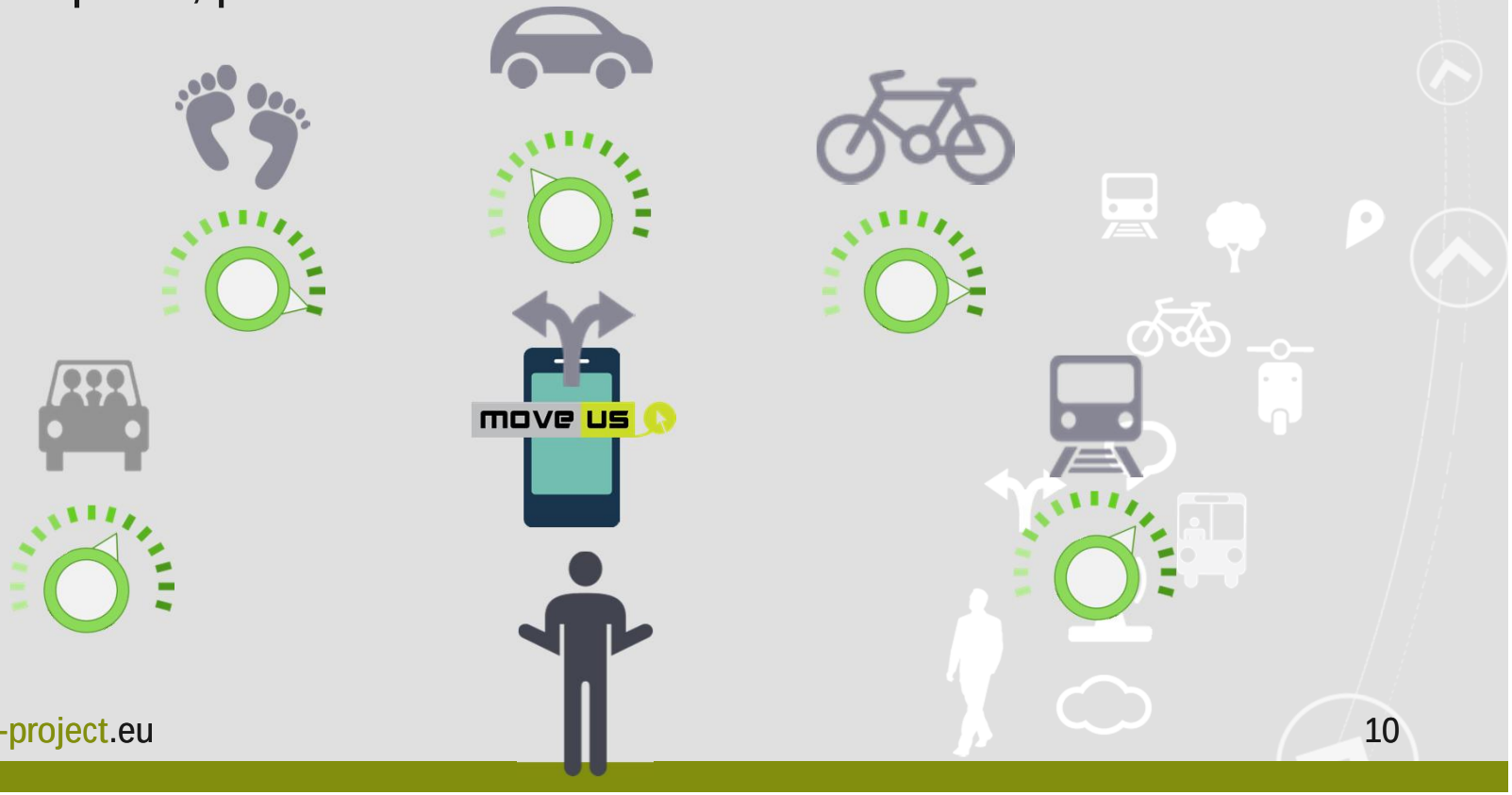
Final Users: Citizens, tourists, professional drivers

- Anonymous
- Registered

2) MoveUs and Tampere City Services

Service 2 – Estimation of Consumption (CO2 and / or Energy) per Journey Option

This service aims to assess the energy efficiency and / or CO2 cost of input journey (i.e. mobility & routing) options between a source and a destination point, per user.



2) MoveUs and Tampere City Services

Service 2 – Estimation of Consumption (CO2 and / or Energy) per Journey Option

The carbon footprint of each journey option will be displayed to the user in the multi-modal journey planner next to each journey option, in an easy-to-understand way.

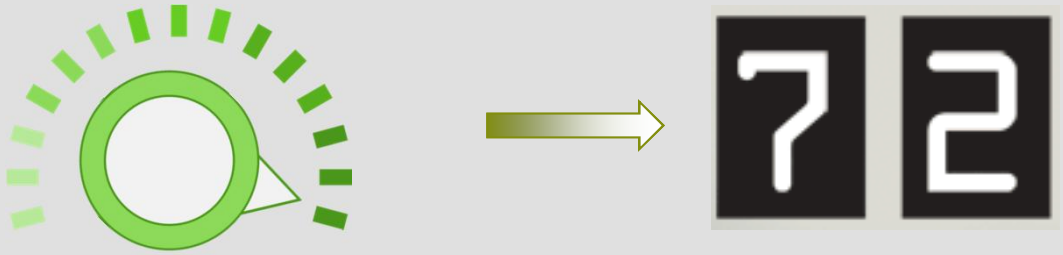
Final Users: Citizens, tourists, professional drivers

- Anonymous
- Registered

2) MoveUs and Tampere City Services

Service 3 – User tailored incentive-based visualization of Journey Options

Translation of quantified energy/CO2 consumption values associated to Journey Options into visual codes associated to available incentives, history of the user, and consumption values.



Energy consumption

Points

2) MoveUs and Tampere City Services

Service 3 – User tailored incentive-based visualization of Journey Options

This service aims to give an incentive oriented view of input transportation options information, per user. It acts as an adaptor for user-friendly meaningful display of backend computed information.

Final Users: Citizens, tourists, professional drivers

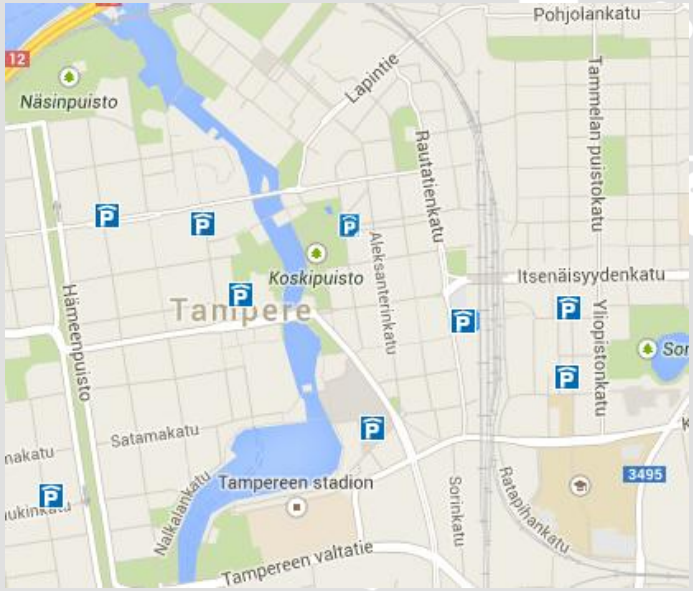
- Registered

2) MoveUs and Tampere City Services

Service 4 – Location of Parking Places

This service requests to parking sub-service for the location of parking places close to the destination of the user.

This service will be used if the user decides to use a car as a journey option. The service will display the closest parking facilities to the end-point of the journey and their availability.



Final Users: Car users

- Anonymous
- Registered

Partners

Municipality of Genoa

Municipality of Tampere

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