



Mobility as a Service in a multimodal European cross-border **corridor**

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About MyCorridor

- Research & Innovation Action
- Under **H2020 MG-6.1-2016: Innovative systems and services towards “mobility as a service”**
- **36** months project
- **Partnership** covering whole of Europe through local, long distance and **cross border Pilots** in a **corridor of 6 European countries**; from the **South (Greece, Italy)** through to **Central (Austria, Germany, the Netherlands)** and **Eastern Europe (Czech Republic)**:
 - Coordinator: **UNEW**
 - Technical & Innovation Manager: **CERTH**
 - Industrial Partners: **SWARCO / MIZAR & Tom-Tom**
 - Mobility Market SME's: **INFOTRIP, CHAPS, WINGS, MAPtm, AMCO, VivaWallet, HaCon**
 - Mobility agency: **RSM**
 - ITS association: **TTS**
 - Research performers: **UNEW, UPAT & Salzburg Research**
 - Multinational Legal Firm with specialisation in novel mobility scheme structuring: **OC**
 - & **IRU Projects** - the “innovation arm” of the IRU (International Road Transport Union)

The aim

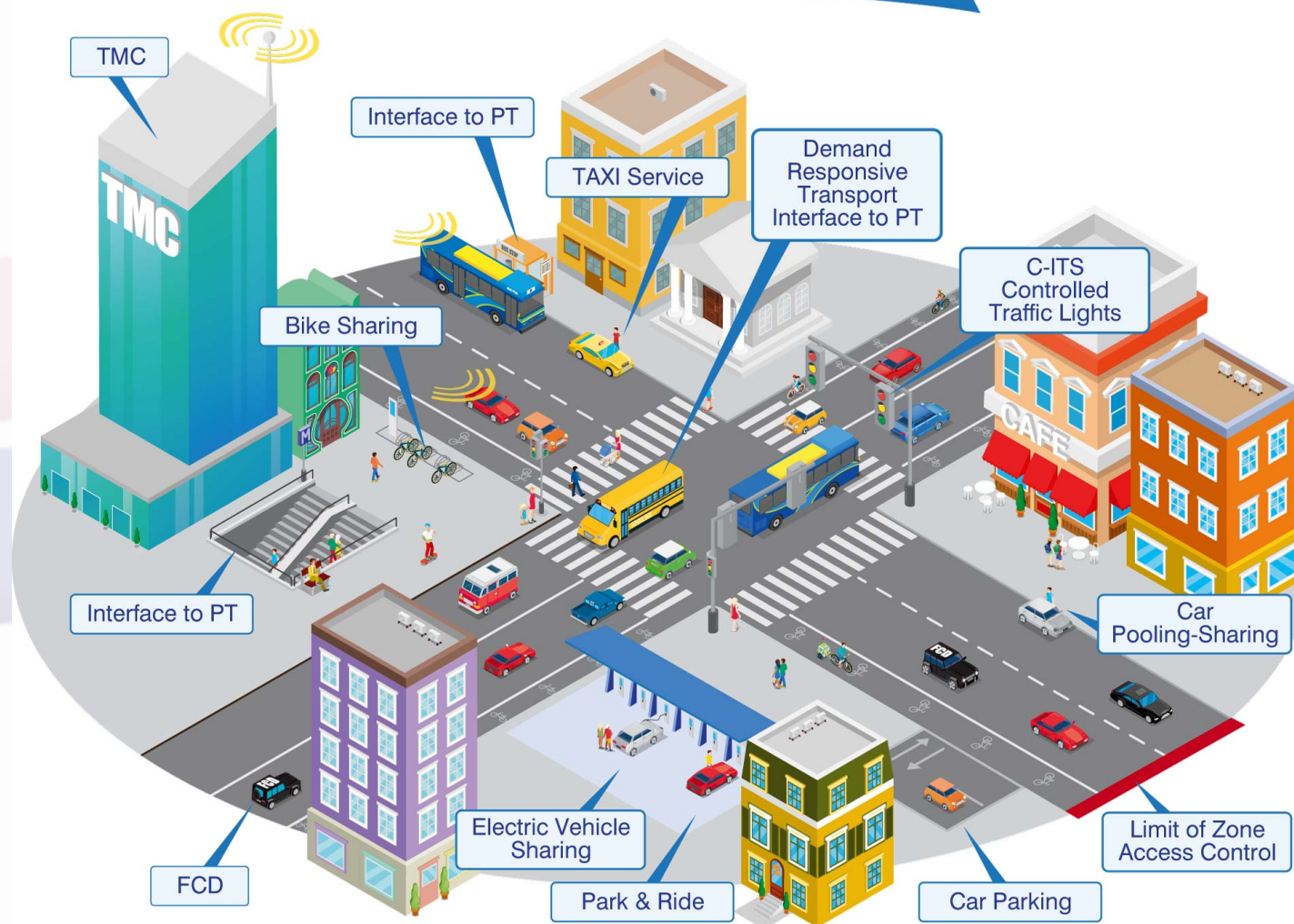
*MyCorridor aims **to develop the technological and business platform**, which will enable technologies, applications, business models, legal and operational schemes and travel behaviour adaptation and promotion strategies **to make MaaS a sustainable reality, seamlessly integrating public and private transportation means as needed, into a cross-border travel chain**, without owing any of them!*

The mission

To facilitate ***sustainable travel in urban and interurban areas and across borders by replacing private vehicle ownership by private vehicle use***, as just one element in an ***integrated/multi-modal MaaS chain***, through the provision of an ***innovative platform***, based on mature ITS technology, that will combine connected traffic management and multi modal services and thus facilitate modal shift. It will propose a ***technological and business MaaS solution***, which will cater for interoperability, open data sharing, as well as tackling the legislative, business related and travel-behavior adaptation barriers enabling the emergence of a ***new business actor*** across Europe; the one of a ***Mobility Services Aggregator***.

The MyCorridor approach

Our World with MaaS



MyCorridor application fields

Traffic Management Services

- TM01:** Interactive traffic management
- TM02:** Event management
- TM03:** Advanced Traffic Forecasting based on FCD (provided by the driver in return of mobility tokens)
- TM04:** Urban charging
- C ITS** (in-vehicle information with regards to Traffic Lights Status, Traffic Events)
- TM05:** Zone access control

Services related to MaaS PT interface

- PT01:** Multi-modal real time information
- PT02:** Multi-modal trip planning/booking/ticketing
- PT03:** Single mode PT services (i.e. ferry boat use by car)

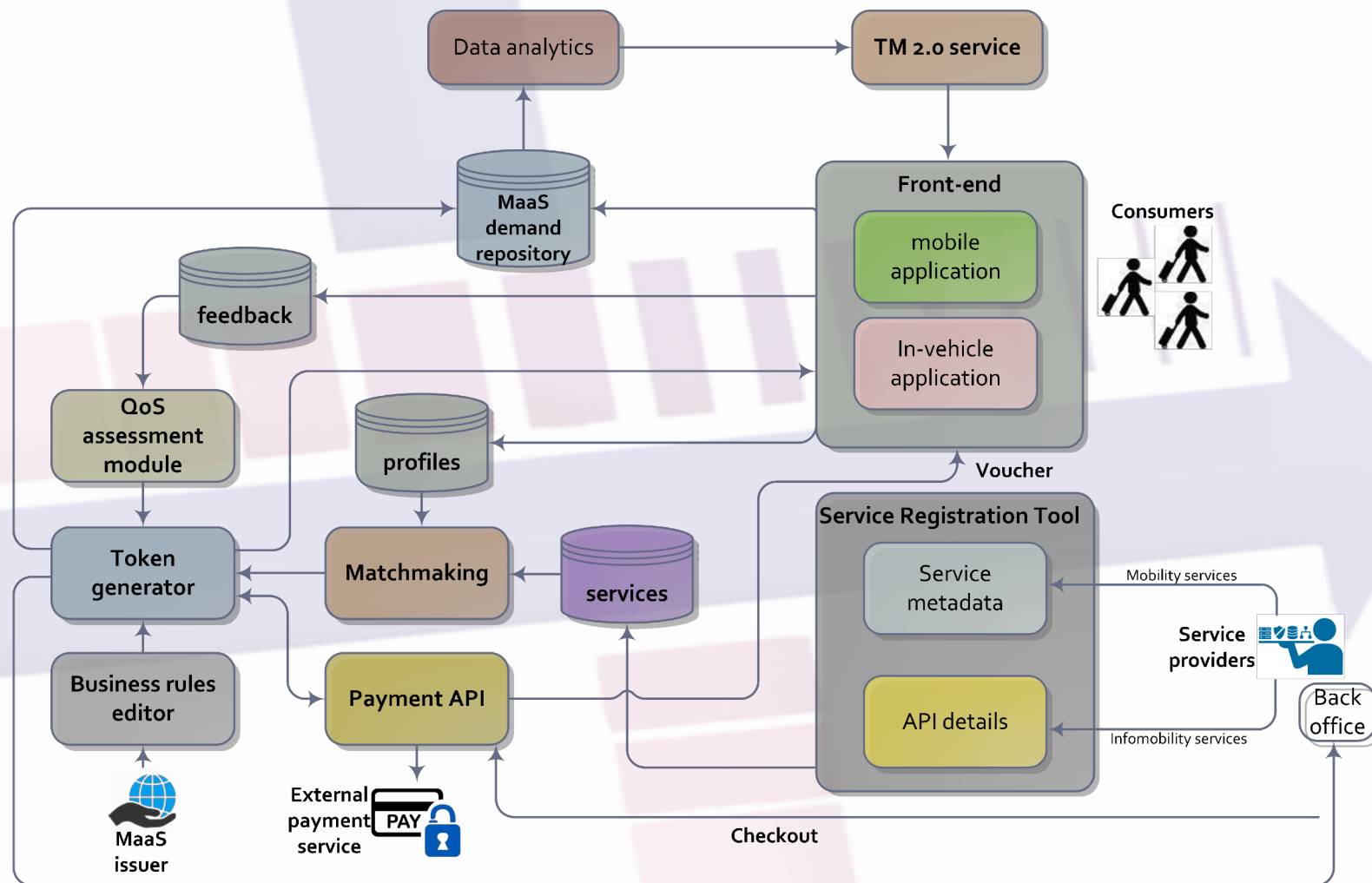
MaaS vehicle related services

- VE01:** Advanced navigation services -
- VE02:** Parking
- VE03:** Park and Ride
- VE04:** Car sharing/Pooling
- VE05:** Electric vehicle sharing
- VE06:** Taxi service
- VE07:** Bike sharing
- VE08:** Pay as you go insurance

Horizontal non Mobility services

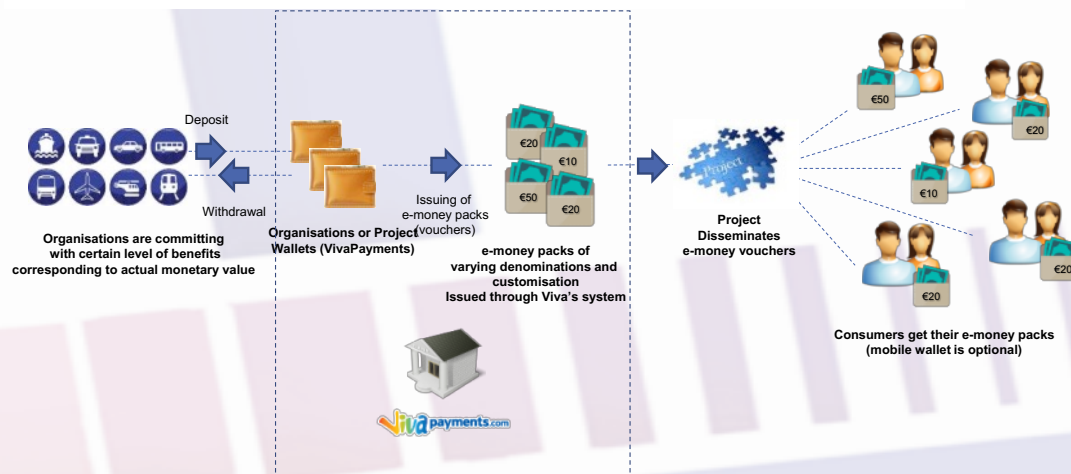
- HO01:** Loyalty schemes
- HO02:** Eco behaviour schemes based on AVATAR concept
- HO03:** Mobility Tokens
- HO04:** Clearing (*settlement between partners shall be carried out by a licensed Payment Service Provider, operating under the provisions of the European Payment Services Directive. Partner VivaWallet, an emoney Institution with license passported across the European Economic Area region, will assume this role, by providing payments functionality*)
- HO05:** Integrated payment

Upper level architecture

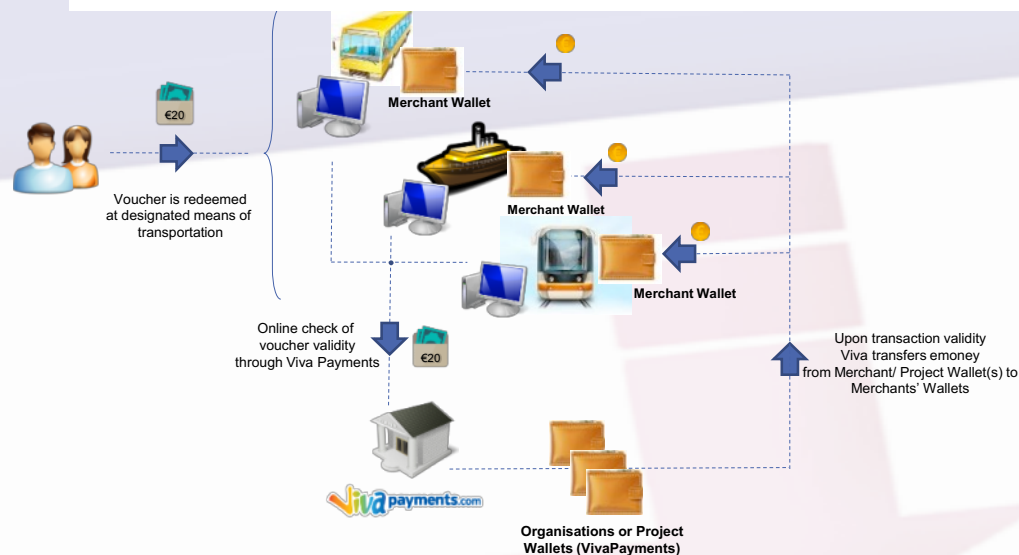


Issue & consumption of Mobility Tokens

Step 1: e-money packs (Mobility tokens) Issuing and Dissemination



Step 2: e-money packs (Mobility tokens) redemption



MyCorridor Pilot-routes & city nodes

