



MyWay

EUROPEAN SMART
MOBILITY RESOURCE
MANAGER

MyWay: European Smart Mobility Resource Manager

D2.3 Initial system architecture and specification

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EXECUTIVE SUMMARY

This document summarizes the conceptual design of the MyWay system performed in project task T2.3. The conceptual design is the input to WP3 implementation, where the conceptual design will be elaborated into a physical design. In this document, MyWay system is described from several points of view:

- High-level view of the MyWay architecture and main components of the system.
- Overview of external data used by the MyWay system and of their availability in the regions, enabling us further on to determine implementation feasibility of requirements.
- Conceptual database design for key parts of MyWay data storage.
- Summary of the main interactions between system components (dynamic view).
- Definition of the principal APIs interconnecting the components of the system.
- Detailed conceptual design of the components.
- Initial deployment model and quality assurance model.

During the design, we have followed several architectural principles to make the system open, reusable and flexible enough for deployment in the living labs and other prospective areas of application. The overall design is the result of a collaborative effort of defined WP2 partners.. The detailed conceptual design of specific system components has been performed by the partners that will implement the respective components later on in WP3.