

Work Packages in CONVERGE



WP0 – CONVERGE-Project Management

Lead: Hochschule für Technik und Wirtschaft des Saarlandes (HTW)

- WP0.1 Coordination of the overall project
- WP0.2 Project Office/Dissemination
- WP0.3 Closing Event
- WP0.4 Cross-Departmental Function IT-Security

WP1 – Requirements and Role Models

Lead: PTV - Planung Transport Verkehr AG

- WP1.1 Actors and Institutional Role Models
- WP1.2 Status analysis, Use Cases and Requirements
- WP1.3 Reference scenarios and Assessment Criteria

WP2 – Architecture and Interfaces

Lead: Robert BOSCH GmbH

- WP2.0 Guidelines for Prototype and Integration Plan
- WP2.1 Technological and Architectural Requirements
- WP2.2 Architecture Variants
- WP2.3 Elaboration of Reference Architecture
- WP2.4 Specification of the Security Architecture
- WP2.5 Implementation

WP3 – Traffic Center and ITS Service Providers

Lead: Hessen Mobil – Road and Traffic Management

- WP3.1 Specification of system oriented enhancements at ITS Service Providers
- WP3.2 Specification of system oriented enhancements at Traffic Centers
- WP3.3 IT-Security – Central security modules & Certification Authority
- WP3.4 Prototypical assembly and Adjustments at ITS Service Providers
- WP3.5 Prototypical assembly and Adjustments at ITS Traffic Centers

WP4 – Cellular Communication

Lead: Ericsson GmbH

- WP4.1 Specification of typical Cellular components
- WP4.2 Prototype Implementation
- WP4.3 Performance Analysis of Cellular specific functionalities

WP5 – IRS-Communication and IRS-Networks

Lead: Hochschule für Technik und Wirtschaft des Saarlandes (HTW)

- WP5.1 Technological boundaries & Base technologies
- WP5.2 Potential analysis of ETSI ITS-G5
- WP5.3 Specification of IRS and IRS-Network
- WP5.4 Prototype implementation
- WP5.5 Assessment

WP6 – Mobile Node

Lead: Volkswagen Aktiengesellschaft (VW)

- WP6.1 Specification of the vehicle system requirements
- WP6.2 Prototypical implementation of additional functionalities
- WP6.3 Subsystem integration and functional testing

WP7 – Integration, Verification & Demonstration

Lead: Vodafone GmbH

- WP7.1 Conception
- WP7.2 Technical Integration of sub-systems
- WP7.3 Verification of the overall system
- WP7.4 Demonstration of the overall system

WP8 – Final Assessment

Lead: BASt - Bundesanstalt für Straßenwesen

- WP8.1 Assessment of Technical Solutions
- WP8.2 Assessment of Security Solutions
- WP8.3 Economic Assessment of the Institutional Role Model
- WP8.4 Overall Appraisal of the CONVERGE Solution