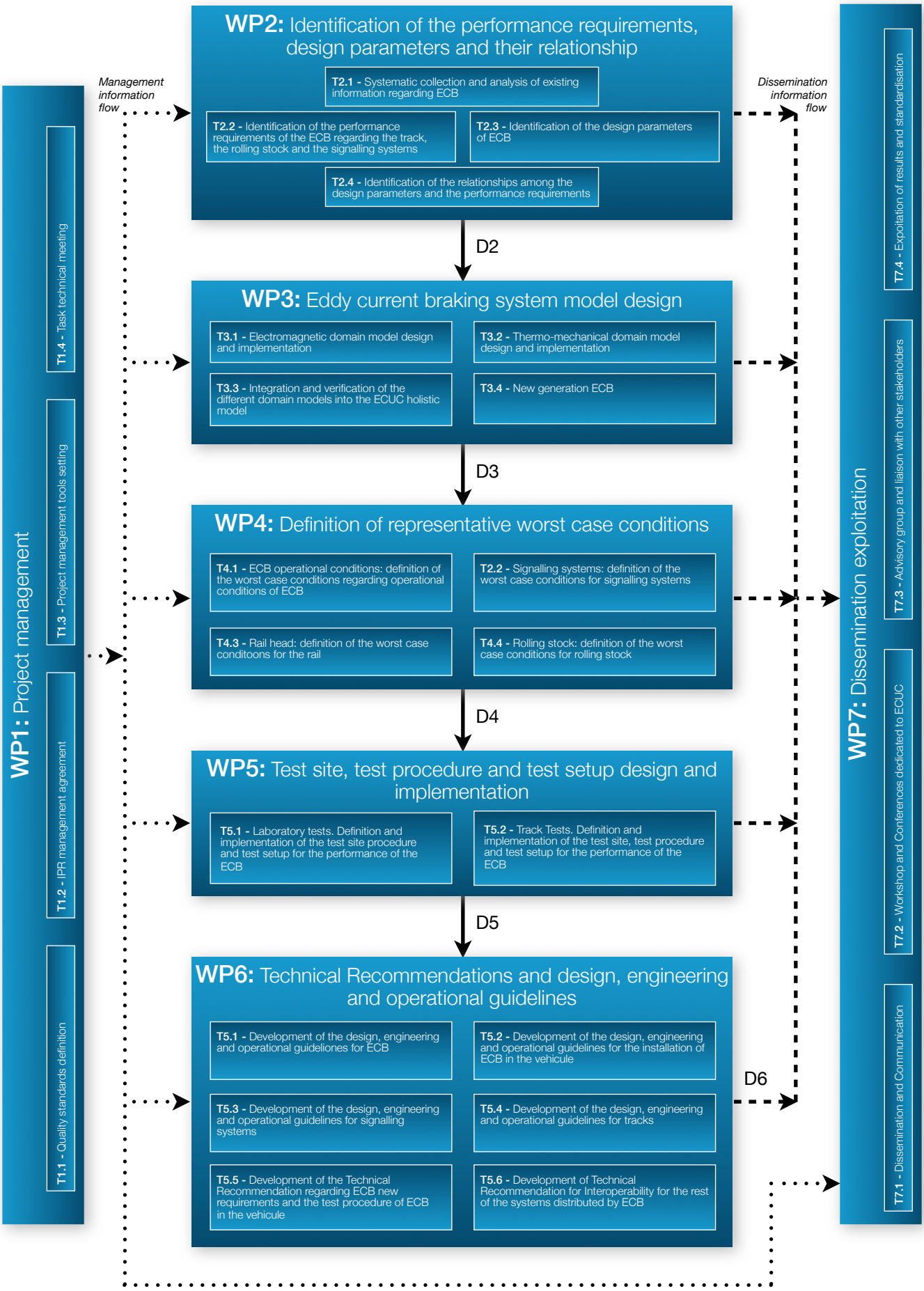
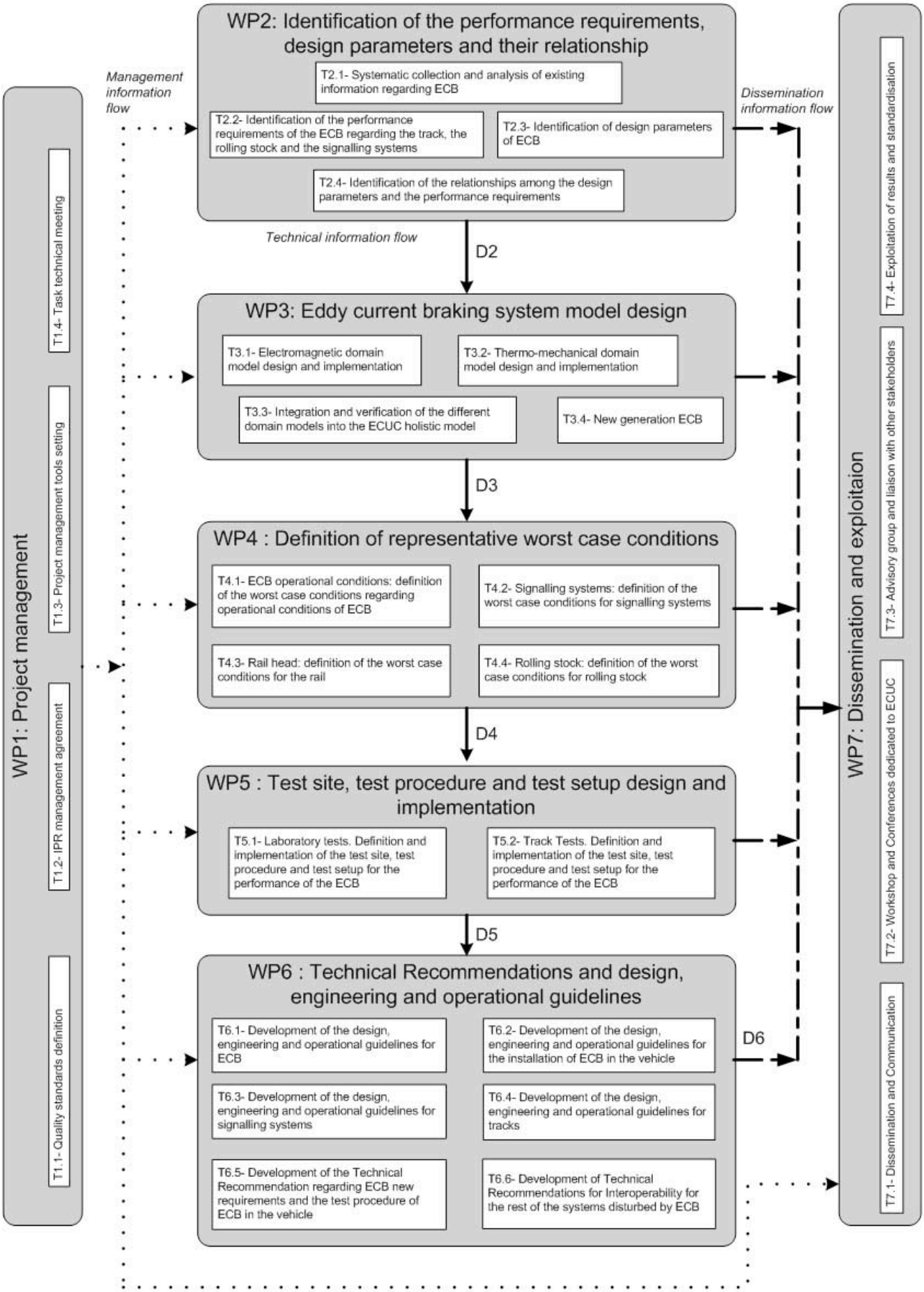

WP1: Project management
T1.1 - Quality standards definition
T1.2 - IPR management agreement
T1.3 - Project management tools setting
T1.4 - Task technical meeting
Management information flow
WP2: Identification of the performance requirements, design parameters and their relationship
T2.1 - Systematic collection and analysis of existing information regarding ECB
T2.2 - Identification of the performance requirements of the ECB regarding the track, the rolling stock and the signalling systems
T2.3 - Identification of the design parameters of ECB
T2.4 - Identification of the relationships among the design parameters and the performance requirements
D2
WP3: Eddy current braking system model design
T3.1 - Electromagnetic domain model design and implementation
T3.2 - Thermo-mechanical domain model design and implementation
T3.3 - Integration and verification of the different domain models into the ECUC holistic model
T3.4 - New generation ECB
D3
WP4: Definition of representative worst case conditions
T4.1 - ECB operational conditions: definition of the worst case conditions regarding operational conditions of ECB
T2.2 - Signalling systems: definition of the worst case conditions for signalling systems
T4.3 - Rail head: definition of the worst case conditoons for the rail
T4.4 - Rolling stock: definition of the worst case conditions for rolling stock
D4
WP5: Test site, test procedure and test setup design and implementation
T5.1 - Laboratory tests. Definition and implementation of the test site procedure and test setup for the performance of the ECB
T5.2 - Track Tests. Definition and implementation of the test site, test procedure and test setup for the performance of the ECB
D5
WP6: Technical Recommendations and design, engineering and operational guidelines
T5.1 - Development of the design, engineering and operational guideliones for ECB
T5.2 - Development of the design, engineering and operational guidelines for the installation of ECB in the vehicule
T5.3 - Development of the design, engineering and operational guidelines for signalling systems
T5.4 - Development of the design, engineering and operational guidelines for tracks
T5.5 - Development of the Technical Recommendation regarding ECB new requirements and the test procedure of ECB in the vehicule
T5.6 - Development of Technical Recommendation for Interoperability for the rest of the systems distributed by ECB
D6
Dissemination information flow
WP7: Dissemination exploitation
T7.1 - Dissemination and Communication
T7.2 - Workshop and Conferences dedicated to ECUC
T7.3 - Advisory group and liaison with other stakeholders
T7.4 - Expoitation of results and standardisation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