

Regulation of Telematics in Dangerous Goods Transport

- Project Overview

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WG Telematics Meeting 7 – Bordeaux 2011/01/17



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Project characteristics

- Timeframe: 20 months
- Start of the project: June 2010
- Budget provided by the Federal Ministry of Transport, Building and Urban Development
- WG Telematics is proposed to act as review committee
- Results to be provided in two languages (DE & EN)
- Liaison with French project on tracing & tracking for dangerous goods transport

Project outline

WP100 Project Management & General Approach



WP200 Relevant Standards



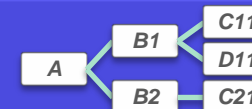
WP300 Certification Structures





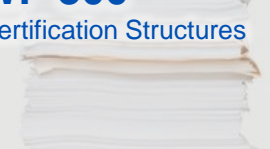
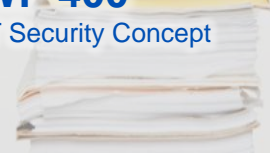
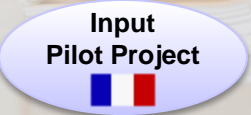
WP400 IT Security Concept



WP500 Data/Process Modeling (based on table)



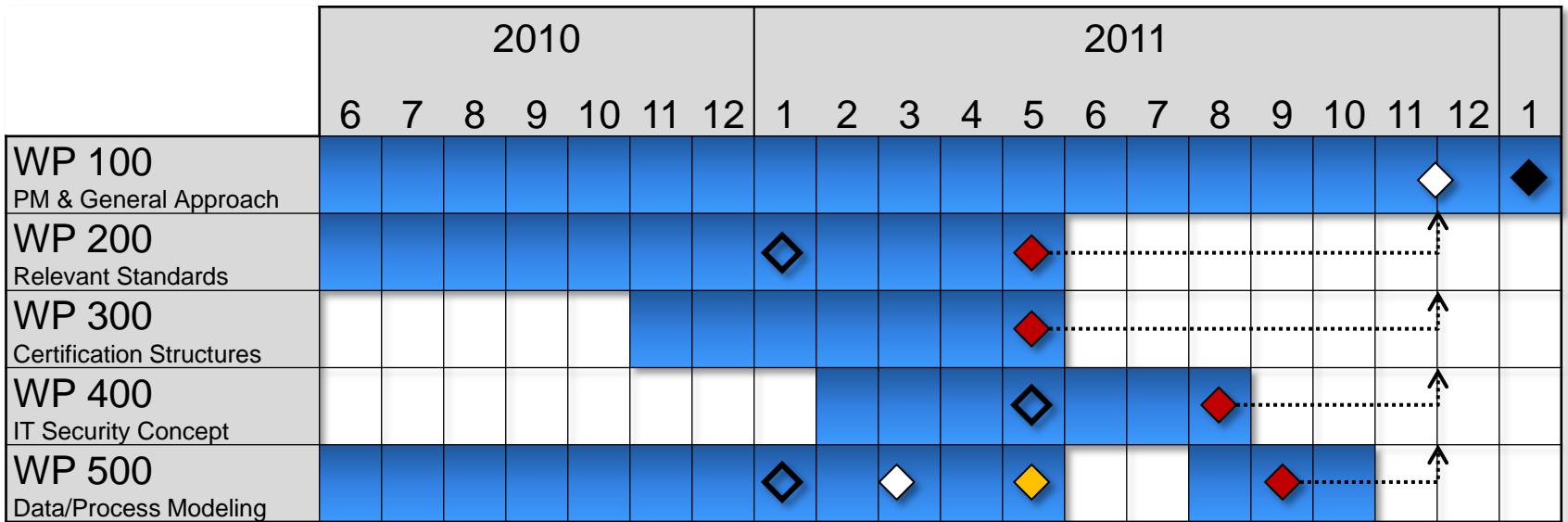
Expected Results

<p>WP 100 PM & General Approach</p> 	<p>General approach for regulation of telematics in DGT</p> <ul style="list-style-type: none"> ▪ Regulation Focus: interoperability and collaboration performance of disparate telematics systems ▪ Integrated approach that comprises a reference data model, an IT security concept, relevant standards and certification structures
<p>WP 200 Relevant Standards</p> 	<p>Overview of</p> <ul style="list-style-type: none"> ▪ Standards Development Organisations which have relevant work ▪ Known relevant activities ▪ Identification of standards and standards needs for priority areas
<p>WP 300 Certification Structures</p> 	<p>Overview of</p> <ul style="list-style-type: none"> ▪ existing accreditation and certification structures ▪ Accreditation and certification requirements of Telematics in DGT
<p>WP 400 IT Security Concept</p> 	<p>IT Security Concept with</p> <ul style="list-style-type: none"> ▪ Requirements on data protection ▪ Requirements on secure data exchange and security infrastructure
<p>WP 500 Data/Process Modeling</p> 	<p>Reference Model based on the WHO DOES WHAT spreadsheet that can serve several needs in the future</p> <ul style="list-style-type: none"> ▪ A high level overview of the domain of dangerous goods transport ▪ A reference framework to align with external, relevant standardisation processes ▪ An input to future standardisation / certification processes






The consortium

- ▶ **WP100: Project Management & WP500 Data/Process Modelling**
 - AlbrechtConsult, Aachen, Germany
 - J. Kaltwasser, C. Lüpkes
 - Expertise in Project management, Modelling and Interoperability
- ▶ **WP200: Relevant Standards (sub-contractor)**
 - Harrod Booth Consulting Limited, Cranleigh, UK
 - Jonathan Harrod Booth
 - Expertise in (Telematics) Standardisation, BSI EPL278 Chair
- ▶ **WP300: Certification Structures (sub-contractor)**
 - Ebcot Business Solutions, Aachen, Germany
 - A. Hauser
 - Expertise in process modelling & certification
- ▶ **WP400: IT Security Concept (sub-contractor)**
 - otten software, Ratingen, Germany
 - M. Otten
 - Expertise in IT security

Time schedule



Key

-  Presentation
-  Draft
-  Revised Results
-  Final Results
-  General Approach

WG Telematics Bordeaux, 17 to 19/01/2011

project presentation on transport logistic Munich, 10 to 13/05/2011

WG Telematics ?

