

T7.1 Primary Tool Chain Analyses and Recommendations		Duration	Complete?	
T7.1.1 Identify and define the potential means of description		6 months	Nov-2012 - May-2013	
→	WP2: List of suitable means of description (state-of-the-art, tools, methods, suitable modelling languages, formal, requirements)	Nov-2012	T0+5	no
→	WP2: Small representative subset of ERTMS requirements in order to evaluate tools/languages	Nov-2012	T0+5	no
→	WP2: Preliminary requirements	Dec-2012	T0+6	no
→	WP2: Requirements	Mar-2013	T0+9	no
←	O7.1.1 Formal Model representing the sample spec, one for each candidate	Mar-2013	T0+9	no
←	O7.1.2 Documentation of the changes to each means of description used (if any)	Mar-2013	T0+9	no
←	O7.1.3 Evaluation of the models against the WP2 requirements	Apr-2013	T0+10	no
←	O7.1.4 Decision on the final means of description choice(s)	May-2013	T0+11	no
T7.1.2 Identify and compare existing modelling tools		7 months	Nov-2012 - Jun-2013	
→	WP2: List of suitable tools (based on State of the Art Analysis)	Nov-2012	T0+5	no
→	WP2: Preliminary requirements	Dec-2012	T0+6	no
→	WP2: Requirements	Mar-2013	T0+9	no
←	O7.1.5 Evaluation of tool and model for each prototype	Apr-2013	T0+10	no
←	O7.1.6 Documentation of the changes to each tool (if any)	Apr-2013	T0+10	no
←	O7.1.7 Evaluation of the tools against the WP2 requirements	May-2013	T0+11	no
←	O7.1.8 Decision on the final tool choice(s)	Jun-2013	T0+12	no
D	D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)	Jun-2013	T0+12	no
T7.1.3 Identify the tool platform		6 months	Nov-2012 - May-2013	
→	List of target platforms, based on the tools being evaluated (1.2)	Nov-2012	T0+5	no
→	WP2: Preliminary requirements	Dec-2012		
→	WP2: Requirements	Mar-2013	T0+9	no
←	O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool	Apr-2013	T0+10	no
←	O7.1.10 Evaluation of tool platform in the context of specific target tools	May-2013	T0+11	no
←	O7.1.11 Selection of Tool Platform (and reasoning)	May-2013	T0+11	no

T7.2	Secondary Tools Analyses and Recommendations	Complete?
T7.2.1	Identify and define the supporting tools and methods	7 months Nov-2012 - Jun-2013
→	WP2: List of suitable means of description (state-of-the-art, tools, methods, suitable modelling languages, formal, requirements)	Nov-2012 T0+5 no
→	WP2: Small representative subset of ERTMS requirements in order to evaluate tools/languages	Nov-2012 T0+5 no
→	WP2: Preliminary requirements	Jan-2013 T0+7 no
→	WP2: Definition of method / process	Jan-2013 T0+7 no
→	I:O7.1.4: Decision of the final choice for the core language	May-2013 T0+11 no
←	O7.2.1 Evaluation of supporting tools and methods against the WP2 requirements and task 1 choices	Jun-2013 T0+12 no
←	O7.2.2 Decision on the supporting tools choice(s)	Jun-2013 T0+12 no
D	D7.2 Report on all aspects of secondary tooling (results of T7.2)	Oct-2013 T0+16 no
T7.2.2	Model Transformation and Code Generation	8 months Jan-2013 - Sep-2013
→	WP2 Requirements	Jan-2013 T0+7 no
→	I:O7.1.4: Decision of the final choice for the core language	May-2013 T0+11 no
←	O7.2.3 Model Transformation Strategy	Sep-2013 T0+15 no
←	O7.2.4 Code Generation Strategy	Sep-2013 T0+15 no
T7.2.3	Requirement traceability	8 months Jan-2013 - Sep-2013
→	WP2 Requirements	Jan-2013 7 no
→	I:O7.1.4: Decision of the final choice for the core language	May-2013 11 no
←	O7.2.5 Captured and organized designer requirements	Sep-2013 15 no
T7.2.4	Validation and Verification Tools	5 months Jan-2013 - Jun-2013
→	WP2 Requirements	Jan-2013 T0+7 no
→	WP3b formalized API	Mar-2013 T0+9 no
→	Those sufficient elements of WP4 V&V Plan to evaluate tools	Mar-2013 T0+9 no
←	O7.2.6 V&V tool choice	Jun-2013 T0+12 no
←	O7.2.7 Test automation tool choice with experience report	Jun-2013 T0+12 no
T7.2.5	Safety analyses Tools	6 months Mar-2013 - Sep-2013
→	WP2 Requirements	Mar-2013 T0+9 no
→	Those sufficient elements of WP4 Safety case to evaluate tools	Apr-2013 T0+10 no
←	O7.2.8 Safety analyses tools choices	Sep-2013 T0+15 no

T7.3	Define and Develop Tool Chain	Complete?
T7.3.1	Overall Tool Architecture	6 months Mar-2013 - Sep-2013
→	I:O7.1.1: Formal Model representing the sample spec, one for each candidate	Mar-2013 T0+9 no
→	I:O7.1.2 Documentation of the changes to each means of description used (if any)	Mar-2013 T0+9 no
→	I:O7.1.4 Decision on the final means of description choice(s)	May-2013 T0+11 no
→	I:O7.1.3: Evaluation of the models against the WP2 requirements	Apr-2013 T0+10 no
→	I:O7.1.8 Decision on the final tool choice(s)	Jun-2013 T0+12 no
→	I:O7.1.11: Selection of Tool Platform	May-2013 T0+11 no
→	I:O7.2.6: Verification and test tool choice(s)	Jun-2013 T0+12 no
←	O7.3.1 Tool chain development plan (or equivalent)	Jul-2013 T0+13 no
←	O7.3.2 Specification of tool interoperability mechanisms	Jul-2013 T0+13 no
←	O7.3.3 Guideline for developing the tool chain according to CELENEC	Sep-2013 T0+15 no
T7.3.2	Development Infrastructure	5 months Jun-2013 - Nov-2013
→	WP2: Definition of method / process	Jun-2013 T0+12 no
→	I:O7.2.5: Captured and organised designer requirements	Sep-2013 T0+15 no
→	WP1-7: Feedback from project partners (All WPS)	continuous
←	O7.3.3 Specification of primary and support tool chain architecture and its embedding into the platform	Oct-2013 T0+16 no
←	O7.3.4 Infrastructure evolution strategy	Nov-2013 T0+17 no
←	O7.3.5 Tool chain infrastructure maintenance	continuous
T7.3.3	Decomposition and Distribution of work	7 months May-2013 - Jan-2014
→	I:O7.1.8 Decision on the final tool choice(s)	Jun-2013 T0+12 no
→	I:O7.1.11: Selection of Tool Platform	May-2013 T0+11 no
→	I:O7.3.4: Infrastructure evolution strategy	Nov-2013 T0+17 no
→	WP1-7: Bugs report and feedback from project partners (All WPS)	continuous
←	O7.3.6 Tool chain qualification test suite	Dec-2013 T0+18 no
←	O7.3.7 Tool chain maintenance and debug & continuously	continuous
D	D7.3 Tool Chain Qualification Process Description	Jan-2014
T7.3.4	Tool chain development	5 months Jul-2013 - Dec-2013
→	I:O7.3.1 Tool chain development plan (or equivalent)	Jul-2013 T0+13 no
→	I:O7.3.2 Specification of tool interoperability mechanisms	Jul-2013 T0+13 no
→	I:O7.3.4: Infrastructure evolution strategy	Nov-2013 T0+17 no
→	I:O7.3.6 Tool chain qualification test suite	Dec-2013 T0+18 no
→	WP1-7: Bugs report and feedback from project partners (All WPS)	continuous
←	O7.3.8 Tool chain releases & follow the scrum	continuous
D	D7.4 Tool chain first release	Jul-2013 T0+13 no

T7.4 Develop Open Source Ecosystem**Complete?**

	34 months	Aug-2012	Jun-2015
→ Feedback from project partners (All WPS)	continuous		
→ WP1: Requirements for the open source ecosystem	continuous		
→ WP1: Legal decisions	continuous		
← O7.4.1 Initial proposal for license model	Aug-2012	T0+2	yes
← O7.4.2 Initial proposal for open source development process	Aug-2012	T0+2	yes
← O7.4.3 Initial proposal for infrastructure and tools	Aug-2012	T0+2	yes
← O7.4.4 Adaptation of license model	continuous		
← O7.4.5 Adaptation of open source development process	continuous		
← O7.4.6 Adaptation of infrastructure and tools	continuous		
D D7.5 Ecosystem Artefacts: - Proposed Terms of use - Proposed Committer Agreements - Proposed IP Policy - Proposed Development Process Description - Development Process Guidelines - Infrastructure Documentation - Infrastructure Template - Evolution Report of previous Deliverables	Jun-2015	T0+36	no

Instructions

- This spreadsheet lists the inputs, outputs and deliverables, grouped by Task
- Every time you make changes, you must generate a PDF. (This PDF is incorporated into the DoW)
- Also regenerate the DoW (using Latex), to make sure it contains the updated information.