

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	Nov-2012	T0+5 no
→	WP2: Small subset of ERTMS requirements that is representative	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	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

<b>T7.2</b>	<b>Secondary Tools Analyses and Recommendations</b>	<b>Complete?</b>
<b>T7.2.1</b>	<b>Identify and define the supporting tools and methods</b>	<b>7 months    Nov-2012 - Jun-2013</b>
→	WP2: List of suitable means of description	Nov-2012    T0+5    no
→	WP2: Small subset of ERTMS requirements that is representative	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	Report on all aspects of secondary tooling (results of T7.2)	Oct-2013    T0+16    no
<b>T7.2.2</b>	<b>Model Transformation and Code Generation</b>	<b>8 months    Jan-2013 ###</b>
→	WP2 Requirements	Jan-2013    T0+7    no
→	WP3-a Decision on the final language choice	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
<b>T7.2.3</b>	<b>Requirement traceability</b>	<b>8 months    Jan-2013 ###</b>
→	WP2 Requirements	Jan-2013    T0+7    no
→	WP3-a Decision on the final language choice	May-2013    T0+11    no
→	WP2 Designer Wishes and Requirements	Mar-2013    T0+9    no
←	O7.2.5 Captured and organized designer requirements	Sep-2013    T0+15    no
<b>T7.2.4</b>	<b>Validation and Verification Tools</b>	<b>5 months    Jan-2013 - Jun-2013</b>
→	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
<b>T7.2.5</b>	<b>Safety analyses Tools</b>	<b>6 months    Mar-2013 ###</b>
→	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:07.1.1: Formal Model representing the sample spec, one for each candidate	Mar-2013 T0+9 no
→	I:07.1.4 Decision on the final means of description choice(s)	May-2013 T0+11 no
→	I:07.1.3: Evaluation of the models against the WP2 requirements	Apr-2013 T0+10 no
→	I:07.1.8 Decision on the final tool choice(s)	Jun-2013 T0+12 no
→	I:07.1.11: Selection of Tool Platform	May-2013 T0+11 no
→	I:07.2.6: 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 Safety Plan (or equivalent)	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:07.2.5: 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:07.1.8 Decision on the final tool choice(s)	Jun-2013 T0+12 no
→	I:07.1.11: Selection of Tool Platform	May-2013 T0+11 no
→	I:07.3.4: 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	Tool Chain Qualification Process Description	Jan-2014
T7.3.4 Tool chain development		5 months Jul-2013 - Dec-2013
→	I:07.3.1 Tool chain development plan (or equivalent)	Jul-2013 T0+13 no
→	I:07.3.2 Specification of tool interoperability mechanisms	Jul-2013 T0+13 no
→	I:07.3.4: Infrastructure evolution strategy	Nov-2013 T0+17 no
→	I:07.3.6 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	Tool chain first release	Jul-2013 T0+13 no

T7.4 Develop Open Source Ecosystem		12 months	Aug-2012	Aug-2013	Complete?
O7.4.1	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	Ecosystem Artefacts:	Aug-2013	T0+14	no	
	- 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				

# 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.