T7.1.1 Identify and define the potential means of description  → WP2: Est of suitable means of description  → WP2: Small subset of ERTMS requirements that is representative  → WP2: Preliminary requirements  ← O7.1.1 Formal Model representing the sample spec, one for each candidate  ← O7.1.2 Documentation of the changes to each means of description used (if any)  ← O7.1.4 Decision on the final means of description choice(s)  T7.1.2 Identify and compare existing modelling tools  → WP2: Preliminary requirements  ← O7.1.5 Evaluation of the changes to each fixpe  ← O7.1.6 Decumentation of the changes to each tool (if any)  T7.1.2 Identify and compare existing modelling tools  → WP2: Preliminary requirements  ← O7.1.5 Evaluation of the changes to each tool (if any)  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platforms, based on the tools being evaluated (1.2)  → WP2: Preliminary requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements  ← O7.1.9 Evaluation of tool platform against WP2 requirements  ← O7.1.9 Evaluation of tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform against WP2 requirements, independent of target tool  ← O7.1.11 Selection of Tool Platform (and reasoning)  May-2013  May-2013  May-2013  T0+10  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2012  T0+10  Nov-2012  T0+5  Nov-2012  T0+5	T7.1	Prima	ry Tool Chain Analyses and Recommendations	Duration		omplete?
→ WP2: Small subset of ERTMS requirements that is representative  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.1 Formal Model representing the sample spec, one for each candidate  ← O7.1.2 Documentation of the changes to each means of description used (if any)  ← O7.1.3 Evaluation of the models against the WP2 requirements  ← O7.1.4 Decision on the final means of description choice(s)  T7.1.2 Identify and compare existing modelling tools  → WP2: Itsi of suitable tools (based on State of the Art Analysis)  → WP2: Requirements  ← O7.1.5 Evaluation of tool and model for each prototype  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of tool and model for each prototype  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final tool choice(s)  T7.1.3 Identify the tool platform  → WP2: Requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platforms, based on the tools being evaluated (1.2)  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  Mar-2013  T0+10  no  T0+5  no  Apr-2013  T0+10  no  A	T7.1.1	Identif	y and define the potential means of description	6 months	Nov-2012 -	May-2013
representative  WP2: Preliminary requirements  WP2: Requirements  O7.1.1 Formal Model representing the sample spec, one for each candidate  O7.1.2 Documentation of the changes to each means of description used (if any)  C71.3 Evaluation of the models against the WP2 requirements  WP2: Preliminary requirements  Mar-2013  T0+9  Nov-2013  T0+10  Nov-2013  T0+10  Nov-2013  T0+10  Nov-2012  T0+5  Nov-2013  T0+10  Nov-2014  Nov-2015  Nov-2015  Nov-2015  Nov-2015  Nov-2016  Nov-2016  Nov-2016  Nov-2017  Nov-2018  Nov-2018  Nov-2018  Nov-2018		$\rightarrow$	WP2: List of suitable means of description	Nov-2012	T0+5	no
<ul> <li>→ WP2: Requirements</li> <li>→ O7.1.1 Formal Model representing the sample spec, one for each candidate</li> <li>← O7.1.2 Documentation of the changes to each means of description used (if any)</li> <li>← O7.1.3 Evaluation of the models against the WP2 requirements</li> <li>← O7.1.4 Decision on the final means of description choice(s)</li> <li>→ WP2: List of suitable tools (based on State of the Art Analysis)</li> <li>→ WP2: Requirements</li> <li>← O7.1.5 Evaluation of tool and model for each prototype</li> <li>← O7.1.6 Documentation of the changes to each tool (if any)</li> <li>← O7.1.7 Evaluation of the tools against the WP2 requirements</li> <li>← O7.1.8 Decision on the final tool choice(s)</li> <li>→ WP2: Requirements</li> <li>← O7.1.6 Documentation of the changes to each tool (if any)</li> <li>← O7.1.7 Evaluation of the tools against the WP2 requirements</li> <li>← O7.1.8 Decision on the final tool choice(s)</li> <li>D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)</li> <li>→ List of target platforms, based on the tools being evaluated (1.2)</li> <li>→ WP2: Requirements</li> <li>→ O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool</li> <li>← O7.1.10 Evaluation of tool platform in the context of specific target tools</li> <li>May-2013 T0+10 no</li> </ul>		$\rightarrow$	representative			-
<ul> <li>→ O7.1.1 Formal Model representing the sample spec, one for each candidate</li> <li>→ O7.1.2 Documentation of the changes to each means of description used (if any)</li> <li>→ O71.3 Evaluation of the models against the WP2 requirements</li> <li>→ O7.1.4 Decision on the final means of description choice(s)</li> <li>→ WP2: List of suitable tools (based on State of the Art Analysis)</li> <li>→ WP2: Requirements</li> <li>→ WP2: Requirements</li> <li>→ WP2: Requirements</li> <li>→ WP2: Requirements</li> <li>→ O7.1.5 Evaluation of tool and model for each prototype</li> <li>← O7.1.6 Documentation of the changes to each tool (if any)</li> <li>← O7.1.7 Evaluation of the tools against the WP2 requirements</li> <li>← O7.1.8 Decision on the final tool choice(s)</li> <li>D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)</li> <li>T7.1.3 Identify the tool platform</li> <li>→ WP2: Requirements</li> <li>→ O7.1.10 Evaluation of each tool platform against WP2 requirements, independent of target tool</li> <li>May-2013 T0+10 no</li> <li>Apr-2013 T0+5 no</li> <li>Apr-2013 T0+9 no</li> <li>Apr-2013 T0+9 no</li> <li>Apr-2013 T0+10 no</li> <li>Apr-2013 T0+10 no</li> <li>Apr-2013 T0+10 no</li> </ul>		$\rightarrow$				
one for each candidate  ← O7.1.2 Documentation of the changes to each means of description used (if any)  ← O7.1.3 Evaluation of the models against the WP2 requirements  ← O7.1.4 Decision on the final means of description choice(s)  T7.1.2 Identify and compare existing modelling tools  → WP2: List of suitable tools (based on State of the Art Analysis)  → WP2: Preliminary requirements  ← O7.1.5 Evaluation of tool and model for each prototype  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools		$\rightarrow$		Mar-2013	10+9	no
means of description used (if any)  ← O71.3 Evaluation of the models against the WP2 requirements  ← O7.1.4 Decision on the final means of description choice(s)  T7.1.2 Identify and compare existing modelling tools  → WP2: List of suitable tools (based on State of the Art Analysis)  → WP2: Preliminary requirements  ← O7.1.5 Evaluation of tool and model for each prototype  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of each tool platform in the context of specific target tools		<b>←</b>	one for each candidate	Mar-2013	T0+9	no
requirements  O7.1.4 Decision on the final means of description choice(s)  T7.1.2 Identify and compare existing modelling tools  → WP2: List of suitable tools (based on State of the Art Analysis)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.5 Evaluation of tool and model for each prototype  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → WP2: Preliminary requirements  → WP2: Preliminary requirements  → WP2: Preliminary requirements  → WP2: Requirements  → WP2: Requirements  → WP2: Preliminary requirements  → WP2: Requirements  → WP2: Requirements  → WP2: Requirements  ← O7.1.9 Evaluation of tool platform in the context of specific target tools  May-2013  T0+10  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2012  T0+5  Nov-2013  T0+10  Nov-2012  T0+5  Nov-2013  T0+10  Nov-2012  T0+5  Nov-2013  T0+10  Nov-2014  Nov-2015  Nov-2		←	means of description used (if any)	Mar-2013	T0+9	no
thoice(s)  T7.1.2 Identify and compare existing modelling tools  → WP2: List of suitable tools (based on State of the Art Analysis)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.5 Evaluation of tool and model for each prototype  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → List of target platforms, based on the tools being evaluated (1.2)  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against the WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  May-2013  T0+10  Apr-2013  T0+10  no  Apr-2013  T0+11  no  T0+12  no  T0+		<b>←</b>	requirements	Apr-2013	T0+10	no
<ul> <li>→ WP2: List of suitable tools (based on State of the Art Analysis)</li> <li>→ WP2: Preliminary requirements</li> <li>→ WP2: Requirements</li> <li>← O7.1.5 Evaluation of tool and model for each prototype</li> <li>← O7.1.6 Documentation of the changes to each tool (if any)</li> <li>← O7.1.7 Evaluation of the tools against the WP2 requirements</li> <li>← O7.1.8 Decision on the final tool choice(s)</li> <li>D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)</li> <li>T7.1.3 Identify the tool platform</li> <li>→ WP2: Preliminary requirements</li> <li>→ WP2: Requirements</li> <li>→ WP2: Requirements</li> <li>← O7.1.9 Evaluation of tool platform against WP2 requirements, independent of target tool</li> <li>← O7.1.10 Evaluation of tool platform in the context of specific target tools</li> <li>May-2013</li> <li>T0+10</li> <li>no</li> <li>Apr-2013</li> <li>T0+11</li> <li>no</li> <li>6 months</li> <li>Nov-2012</li> <li>Nov-2012</li> <li>T0+5</li> <li>no</li> <li>Apr-2013</li> <li>T0+5</li> <li>no</li> <li>Apr-2013</li> <li>T0+10</li> <li>no</li> </ul>		←	choice(s)	,		
Art Analysis)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.5 Evaluation of tool and model for each prototype  ← O7.1.6 Documentation of the changes to each tool (if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → List of target platforms, based on the tools being evaluated (1.2)  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  Nov-2013  T0+10  Apr-2013  T0+10  no  Apr-2013  T0+11  no  Apr-2013  T0+12  no  T0+12  no  T0+12  no  FO7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  Apr-2013  T0+10  no	T7.1.2	Identif	y and compare existing modelling tools	7 months	Nov-2012 -	Jun-2013
<ul> <li>→ WP2: Requirements</li> <li>← O7.1.5 Evaluation of tool and model for each prototype</li> <li>← O7.1.6 Documentation of the changes to each tool (if any)</li> <li>← O7.1.7 Evaluation of the tools against the WP2 requirements</li> <li>← O7.1.8 Decision on the final tool choice(s)</li> <li>D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)</li> <li>T7.1.3 Identify the tool platform</li> <li>→ WP2: Preliminary requirements</li> <li>→ WP2: Requirements</li> <li>→ WP2: Requirements</li> <li>← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool</li> <li>← O7.1.10 Evaluation of tool platform in the context of specific target tools</li> <li>Man-2013 T0+10 no</li> <li>Apr-2013 T0+12 no</li> <li>Mov-2012 - May-2013</li> <li>T0+5 no</li> <li>Apr-2013 T0+5 no</li> <li>Apr-2013 T0+9 no</li> </ul>		$\rightarrow$	•			no
<ul> <li>← O7.1.5 Evaluation of tool and model for each prototype</li> <li>← O7.1.6 Documentation of the changes to each tool (if any)</li> <li>← O7.1.7 Evaluation of the tools against the WP2 requirements</li> <li>← O7.1.8 Decision on the final tool choice(s)</li> <li>D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)</li> <li>T7.1.3 Identify the tool platform</li> <li>→ List of target platforms, based on the tools being evaluated (1.2)</li> <li>→ WP2: Preliminary requirements</li> <li>← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool</li> <li>← O7.1.10 Evaluation of tool platform in the context of specific target tools</li> <li>May-2013</li> <li>T0+10</li> <li>no</li> <li>Apr-2013</li> <li>T0+11</li> <li>no</li> <li>T0+5</li> <li>no</li> <li>Apr-2013</li> <li>T0+5</li> <li>T0+5</li> <li>T0+5</li> <li>T0+5</li> <li>T0+5</li> <li>T0+5</li> <li>T0+7</li> <li>T0+9</li> <li>T0+9</li> <li>T0+10</li> <li>T0+10</li> <li>T0+10</li> <li>T0+10</li> <li>T0+10</li> <li>T0+11</li> <li>T0+11</li> </ul>		$\rightarrow$	WP2: Preliminary requirements		T0+6	no
type  O7.1.6 Documentation of the changes to each tool (if any)  O7.1.7 Evaluation of the tools against the WP2 requirements  O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  List of target platforms, based on the tools being evaluated (1.2)  WP2: Preliminary requirements  WP2: Requirements  O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  O7.1.10 Evaluation of tool platform in the context of specific target tools  May-2013  T0+10  no  Apr-2013  T0+11  no  May-2013  T0+12  no  6 months  Nov-2012 - May-2013  T0+5  no  T0+5  no  Apr-2013  T0+9  no  May-2013  T0+10  no		$\rightarrow$	WP2: Requirements	Mar-2013	T0+9	no
(if any)  ← O7.1.7 Evaluation of the tools against the WP2 requirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  List of target platforms, based on the tools being evaluated (1.2)  → WP2: Preliminary requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  May-2013  T0+11 no  May-2013  T0+12 no  6 months Nov-2012 - May-2013  T0+5 no  Dec-2012  T0+5 no  Dec-2012  Apr-2013  T0+9 no		←	type	Apr-2013	T0+10	no
quirements  ← O7.1.8 Decision on the final tool choice(s)  D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → List of target platforms, based on the tools being evaluated (1.2)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  May-2013  T0+11 no  T0+12 no  T0+12 no  T0+12 no  Nov-2012 - May-2013  T0+5 no  Dec-2012  Apr-2013 T0+9 no		<b>←</b>	(if any)	Apr-2013	T0+10	no
D D7.1 Report on the final choice(s) for the primary tool chain (means of description, tool and platform)  T7.1.3 Identify the tool platform  → List of target platforms, based on the tools being evaluated (1.2)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  May-2013  T0+12 no  6 months  Nov-2012 - May-2013  T0+5 no  Dec-2012  Mar-2013 T0+9 no  Apr-2013 T0+10 no		←	quirements			no
tool chain (means of description), tool and platform)  T7.1.3 Identify the tool platform  → List of target platforms, based on the tools being evaluated (1.2)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  T0+12 no 6 months Nov-2012 - May-2013  T0+5 no Dec-2012  Mar-2013 T0+9 no Apr-2013 T0+10 no		$\leftarrow$		Jun-2013	T0+12	no
<ul> <li>→ List of target platforms, based on the tools being evaluated (1.2)</li> <li>→ WP2: Preliminary requirements</li> <li>→ WP2: Requirements</li> <li>← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool</li> <li>← O7.1.10 Evaluation of tool platform in the context of specific target tools</li> <li>May-2013</li> <li>T0+10</li> <li>no</li> <li>May-2013</li> <li>T0+10</li> <li>no</li> </ul>			tool chain (means of description, tool and platform)			
evaluated (1.2)  → WP2: Preliminary requirements  → WP2: Requirements  ← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool  ← O7.1.10 Evaluation of tool platform in the context of specific target tools  Nov-2012  T0+5  no  Dec-2012  T0+9  no  Apr-2013  T0+10  no	T7.1.3	Identif	•	6 months	Nov-2012 -	May-2013
<ul> <li>→ WP2: Requirements</li> <li>→ O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool</li> <li>→ O7.1.10 Evaluation of tool platform in the context of specific target tools</li> <li>May-2013</li> <li>T0+10</li> <li>no</li> </ul>		$\rightarrow$	evaluated (1.2)		T0+5	no
<ul> <li>← O7.1.9 Evaluation of each tool platform against WP2 requirements, independent of target tool Apr-2013 T0+10 no</li> <li>← O7.1.10 Evaluation of tool platform in the context of specific target tools May-2013 T0+11 no</li> </ul>		$\rightarrow$				
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		$\rightarrow$		Mar-2013	Г0+9	no
specific target tools May-2013 T0+11 no		←	WP2 requirements, independent of target tool	Apr-2013	T0+10	no
		$\leftarrow$		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			omplete?
T7.2.1	Identify and define the supporting tools and methods	7 months	Nov-2012	Jun-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	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
	<ul> <li>← O7.2.1 Evaluation of supporting tools and methods</li> </ul>	,		
	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 (re-			
	sults 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
	<ul> <li>← O7.2.3 Model Transformation Strategy</li> </ul>	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	T0+7	no
	→ I:O7.1.4: Decision of the final choice for the core			
	language	May-2013	T0+11	no
	language ← 07.2.5 Captured and organized designer require-			
T	language ← O7.2.5 Captured and organized designer requirements	Sep-2013	T0+15	no
T7.2.4	language ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools	Sep-2013 5 months	T0+15 Jan-2013 -	no Jun-2013
T7.2.4	language ← 07.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements	Sep-2013 5 months Jan-2013	T0+15 Jan-2013 - 7	no Jun-2013 no
T7.2.4	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API	Sep-2013 5 months	T0+15 Jan-2013 -	no Jun-2013
T7.2.4	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to	Sep-2013 5 months Jan-2013 Mar-2013	T0+15 Jan-2013 - 7 T0+7 T0+9	no Jun-2013 no no
T7.2.4	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools	Sep-2013 5 months Jan-2013 Mar-2013 Mar-2013	T0+15  Jan-2013 T0+7 T0+9  T0+9	no Jun-2013 no no
T7.2.4	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice	Sep-2013 5 months Jan-2013 Mar-2013	T0+15 Jan-2013 - 7 T0+7 T0+9	no Jun-2013 no no
T7.2.4	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice  ← O7.2.7 Test automation tool choice with experience	Sep-2013 5 months Jan-2013 Mar-2013 Mar-2013 Jun-2013	T0+15  Jan-2013  T0+7  T0+9  T0+9  T0+12	no Jun-2013 no no no
	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice  ← O7.2.7 Test automation tool choice with experience report	Sep-2013 5 months Jan-2013 Mar-2013 Jun-2013 Jun-2013	T0+15  Jan-2013 - T0+7 T0+9  T0+9 T0+12  T0+12	no Jun-2013 no no no no no
	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice  ← O7.2.7 Test automation tool choice with experience report  Safety analyses Tools	Sep-2013 5 months Jan-2013 Mar-2013 Jun-2013 Jun-2013 6 months	T0+15  Jan-2013 - T0+7 T0+9  T0+9 T0+12  T0+12  Mar-2013 -	no Jun-2013 no no no no no Sep-2013
	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice  ← O7.2.7 Test automation tool choice with experience report  Safety analyses Tools  → WP2 Requirements	Sep-2013 5 months Jan-2013 Mar-2013 Jun-2013 Jun-2013	T0+15  Jan-2013 - T0+7 T0+9  T0+9 T0+12  T0+12	no Jun-2013 no no no no no
	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice  ← O7.2.7 Test automation tool choice with experience report  Safety analyses Tools  → WP2 Requirements  → Those sufficient elements of WP4 Safety case to	Sep-2013 5 months Jan-2013 Mar-2013 Jun-2013 Jun-2013 6 months Mar-2013	T0+15  Jan-2013 - T0+7 T0+9  T0+9 T0+12  T0+12  Mar-2013 - T0+9	no Jun-2013 no no no no no sep-2013 no
	language  ← O7.2.5 Captured and organized designer requirements  Validation and Verification Tools  → WP2 Requirements  → WP3b formalized API  → Those sufficient elements of WP4 V&V Plan to evaluate tools  ← O7.2.6 V&V tool choice  ← O7.2.7 Test automation tool choice with experience report  Safety analyses Tools  → WP2 Requirements	Sep-2013 5 months Jan-2013 Mar-2013 Jun-2013 Jun-2013 6 months	T0+15  Jan-2013 - T0+7 T0+9  T0+9 T0+12  T0+12  Mar-2013 -	no Jun-2013 no no no no no Sep-2013

T7.3	Defir	ne and Develop Tool Chain			Complete?
T7.3.1	Over	all 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		no
		I:O7.1.11: Selection of Tool Platform	May-2013		no
		I:O7.2.6: Verification and test tool choice(s)	Jun-2013		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		no
T7 0 0		O7.3.3 Safety Plan (or equivalent)	Sep-2013	T0+15	no
17.3.2		elopment Infrastructure			- 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 plat- form	Oct-2013	T0+16	no
	_	O7.3.4 Infrastructure evolution strategy	Nov-2013	T0+17	no
		O7.3.5 Tool chain infrastructure maintenance	continuous	10.17	110
T7 3 3		omposition and Distribution of work		May-2013	- Jan-2014
11.0.0		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		no
		I:O7.3.4: Infrastructure evolution strategy	Nov-2013		no
		WP1-7: Bugs report and feedback from project partners (All WPS)	continuous	10.11	110
	_	O7.3.6 Tool chain qualification test suite	Dec-2013	T0+18	no
		O7.3.7 Tool chain maintenance and debug & con-			
		tinuously	continuous		
	D	D7.3 Tool Chain Qualification Process Description	Jan-2014		
T7.3.4		chain development	5 months	Jul-2013	- Dec-2013
	$\rightarrow$	I:O7.3.1 Tool chain development plan (or equivalent	) Jul-2013	T0+13	no
	$\rightarrow$	I:O7.3.2 Specification of tool interoperability mechanisms	Jul-2013	T0+13	no
	$\rightarrow$	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		
		D7.4 Tool chain first release	Jul-2013	T0+13	no

<ul> <li>→ Feedback from project partners (All WPS)</li> <li>→ WP1: Requirements for the open source ecosystem cont</li> <li>→ WP1: Legal decisions</li> <li>← O7.4.1 Initial proposal for license model</li> <li>← O7.4.2 Initial proposal for open source development process</li> <li>← O7.4.3 Initial proposal for infrastructure and tools</li> <li>← O7.4.4 Adaptation of license model</li> <li>← O7.4.5 Adaptation of open source development process</li> <li>← O7.4.6 Adaptation of infrastructure and tools</li> <li>D D7.5 Ecosystem Artefacts:</li> <li>- Proposed Terms of use</li> <li>- Proposed Committer Agreements</li> <li>- Proposed IP Policy</li> <li>- Proposed Development Process Description</li> </ul>	i <del>g-2012</del> T	70+2 yes 70+2 yes 70+2 yes 70+2 yes	3
<ul> <li>→ WP1: Requirements for the open source ecosystem cont</li> <li>→ WP1: Legal decisions</li> <li>← O7.4.1 Initial proposal for license model</li> <li>← O7.4.2 Initial proposal for open source development process</li> <li>← O7.4.3 Initial proposal for infrastructure and tools</li> <li>← O7.4.4 Adaptation of license model</li> <li>← O7.4.5 Adaptation of open source development process</li> <li>← O7.4.6 Adaptation of infrastructure and tools</li> <li>D D7.5 Ecosystem Artefacts:</li> <li>− Proposed Terms of use</li> <li>− Proposed Committer Agreements</li> <li>− Proposed IP Policy</li> <li>− Proposed Development Process Description</li> </ul>	tinuous tinuous <del>ig-2012</del> 7 <del>ig-2012</del> 7	0+2 yes	
<ul> <li>→ WP1: Legal decisions cont</li> <li>← O7.4.1 Initial proposal for license model</li> <li>← O7.4.2 Initial proposal for open source development process</li> <li>← O7.4.3 Initial proposal for infrastructure and tools</li> <li>← O7.4.4 Adaptation of license model cont process</li> <li>← O7.4.5 Adaptation of open source development process</li> <li>← O7.4.6 Adaptation of infrastructure and tools cont D D7.5 Ecosystem Artefacts: Ju Proposed Terms of use Proposed Committer Agreements Proposed IP Policy Proposed Development Process Description</li> </ul>	tinuous <del>ug-2012</del> 7 ug- <del>2012</del> 7 ug- <del>2012</del> 7	0+2 yes	
<ul> <li>O7.4.1 Initial proposal for license model</li> <li>O7.4.2 Initial proposal for open source development process</li> <li>O7.4.3 Initial proposal for infrastructure and tools</li> <li>O7.4.4 Adaptation of license model</li> <li>O7.4.5 Adaptation of open source development process</li> <li>O7.4.6 Adaptation of infrastructure and tools</li> <li>D D7.5 Ecosystem Artefacts:         <ul> <li>Proposed Terms of use</li> <li>Proposed Committer Agreements</li> <li>Proposed Development Process Description</li> </ul> </li> </ul>	ı <del>g-2012</del> 1 ı <del>g-2012</del> 1 ı <del>g-2012</del> 1	0+2 yes	
<ul> <li>O7.4.2 Initial proposal for open source development process</li> <li>O7.4.3 Initial proposal for infrastructure and tools</li> <li>O7.4.4 Adaptation of license model cont process</li> <li>O7.4.5 Adaptation of open source development process</li> <li>O7.4.6 Adaptation of infrastructure and tools cont D D7.5 Ecosystem Artefacts: Ju Proposed Terms of use Proposed Committer Agreements Proposed IP Policy Proposed Development Process Description</li> </ul>	<del>ig-2012</del> 1 <del>ig-2012</del> 1	0+2 yes	
process  ← O7.4.3 Initial proposal for infrastructure and tools  ← O7.4.4 Adaptation of license model cont  ← O7.4.5 Adaptation of open source development process  ← O7.4.6 Adaptation of infrastructure and tools cont  D D7.5 Ecosystem Artefacts: Ju  - Proposed Terms of use  - Proposed Committer Agreements  - Proposed IP Policy  - Proposed Development Process Description	<sub>ід-2012</sub> Т		;
<ul> <li>← O7.4.4 Adaptation of license model cont</li> <li>← O7.4.5 Adaptation of open source development process</li> <li>← O7.4.6 Adaptation of infrastructure and tools cont</li> <li>D D7.5 Ecosystem Artefacts: Ju - Proposed Terms of use - Proposed Committer Agreements - Proposed IP Policy - Proposed Development Process Description</li> </ul>	J -	0+2 yes	
O7.4.5 Adaptation of open source development process O7.4.6 Adaptation of infrastructure and tools cont D7.5 Ecosystem Artefacts: Ju - Proposed Terms of use - Proposed Committer Agreements - Proposed IP Policy - Proposed Development Process Description	linuouo		;
process O7.4.6 Adaptation of infrastructure and tools cont D D7.5 Ecosystem Artefacts: Ju - Proposed Terms of use - Proposed Committer Agreements - Proposed IP Policy - Proposed Development Process Description	unuous		
D D7.5 Ecosystem Artefacts: Ju - Proposed Terms of use - Proposed Committer Agreements - Proposed IP Policy - Proposed Development Process Description	tinuous		
<ul> <li>Proposed Terms of use</li> <li>Proposed Committer Agreements</li> <li>Proposed IP Policy</li> <li>Proposed Development Process Description</li> </ul>	tinuous		
<ul> <li>- Development Process Guidelines</li> <li>- Infrastructure Documentation</li> <li>- Infrastructure Template</li> <li>- Evolution Report of previous Deliverables</li> </ul>	ın-2015 TC	)+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.