

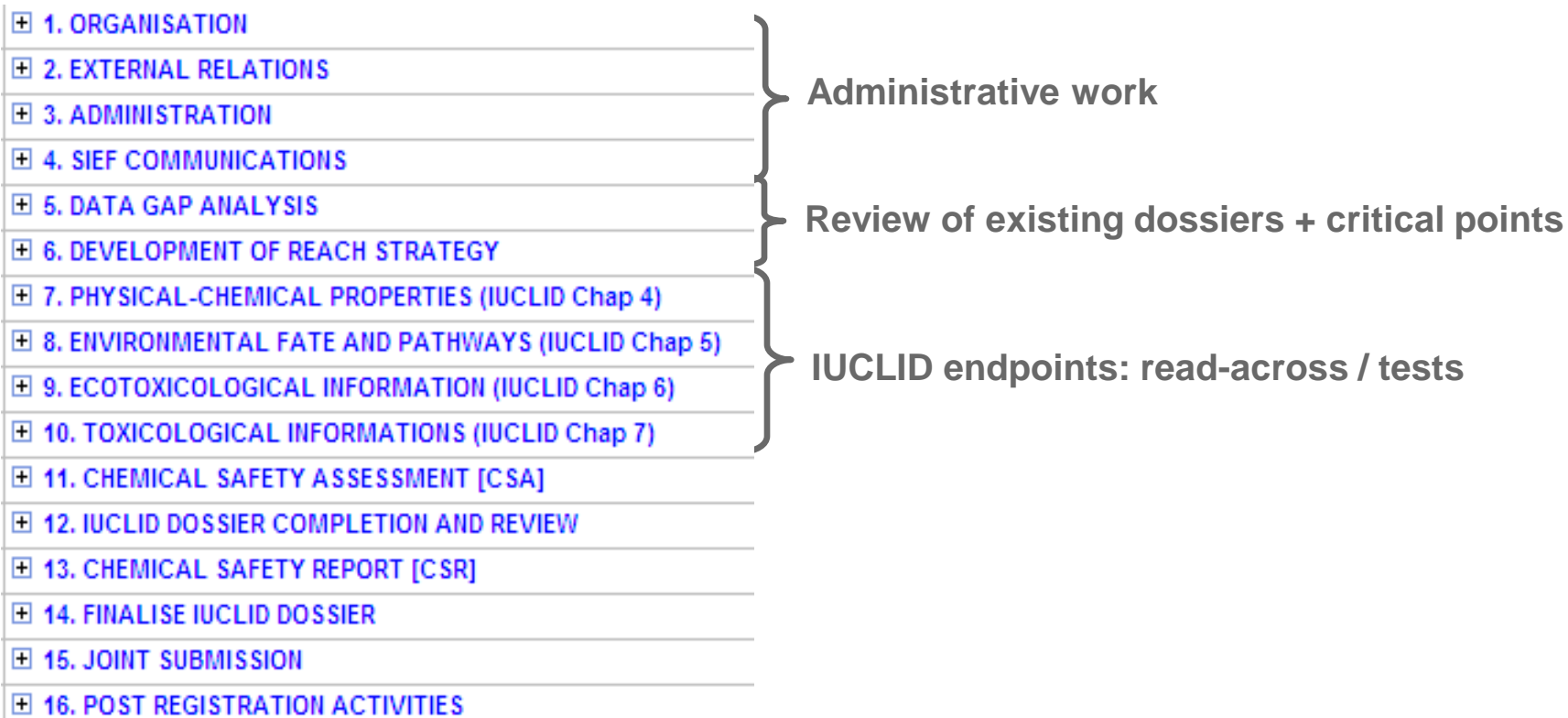


ArcelorMittal

# REACH Boron Consortium Road map for the 2013 REACH registration of Phosphorus

February 22<sup>nd</sup>, 2013

# Structure of the phosphorus road map



## Colour code on the Gantt Chart (MS Project):

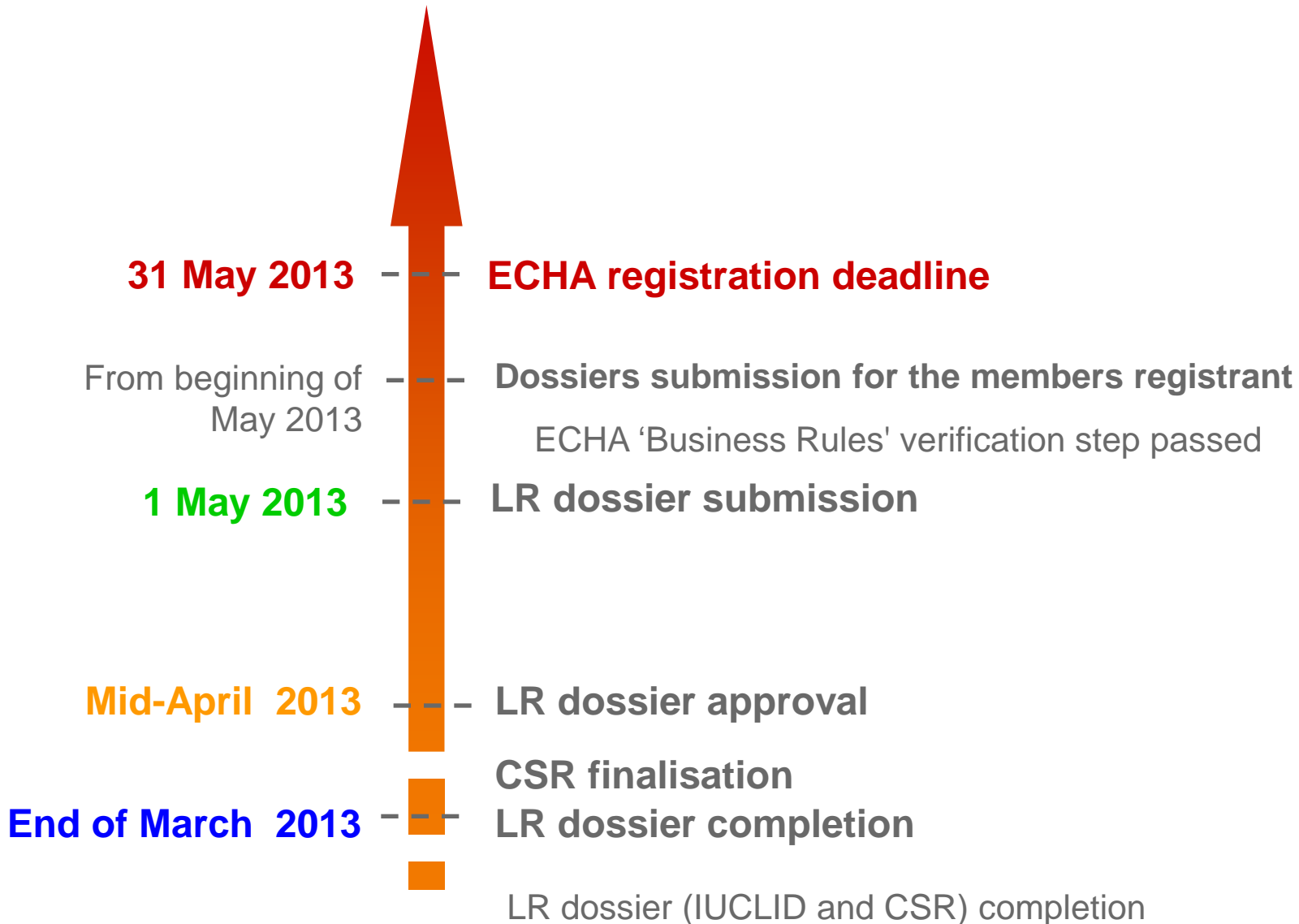
- **Green:** completed tasks
- **Blue:** on-going/future/late tasks
- **Grey:** on-going/future tasks concerning master alloys
- **Red:** “critical” tasks. Their results and completion have an impact on other tasks and studies

## Task name:

Endpoint marked with \* → not covered in the P4 intermediate dossier

Green endpoint → leading to classification in the P4 intermediate dossier

# Road map constraints

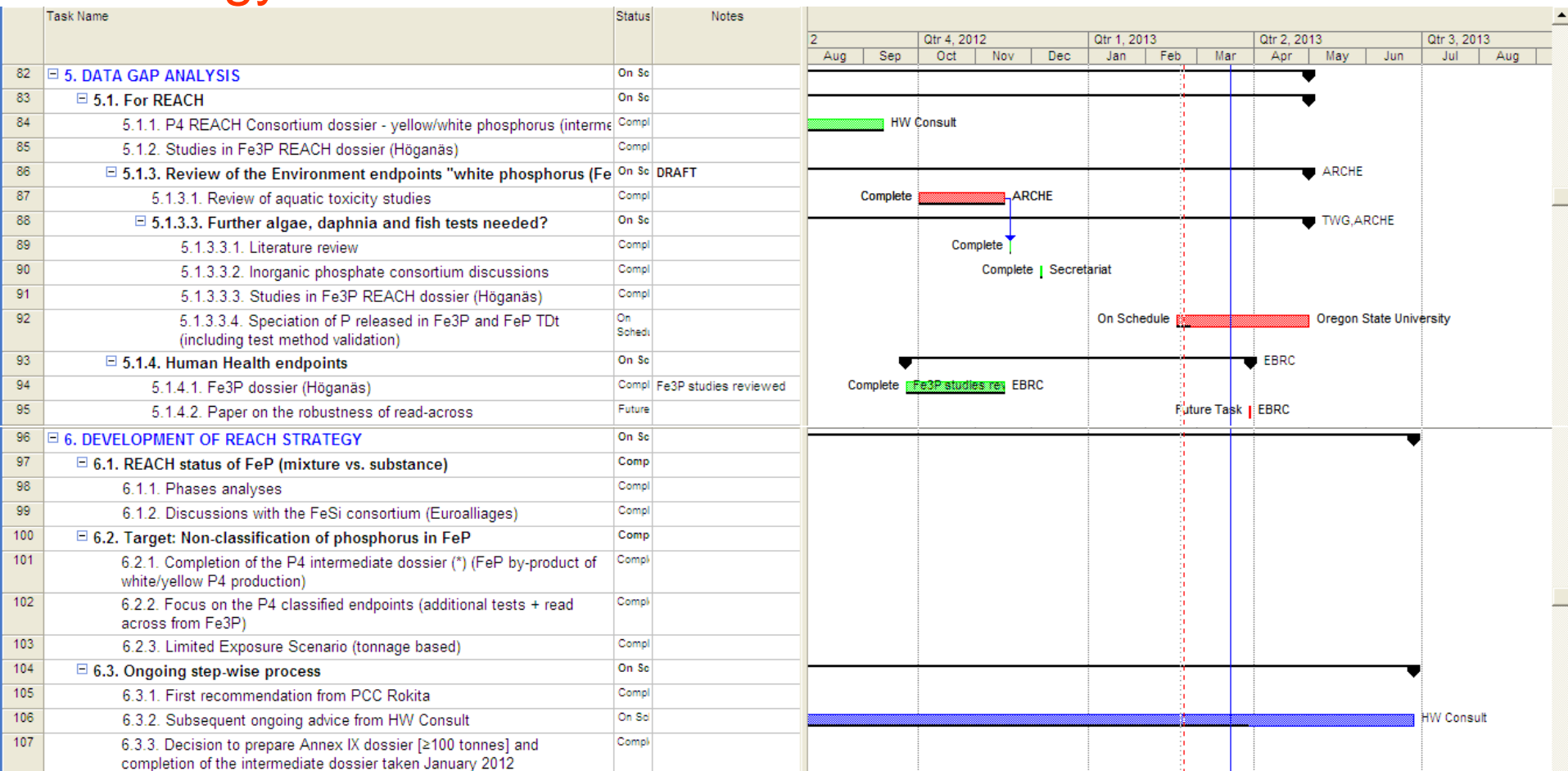


# Phosphorus road map – Consortium organisation

Task Name	Status	Notes	Timeline											
			Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1 <b>1. ORGANISATION</b>	On Sc		[Timeline bar]											
2 <b>1.1. Consortium agreement</b>	Late		[Timeline bar]											
6 1.2. Recruitment of members - continuous	Compl		[Timeline bar]											
7 <b>1.3. Technical Working Group meeting</b>	Late	Monthly TWG	18/10 ■ TWG 22/11 ■ TWG 20/12 ■ TWG 17/01 ■ TWG 26/02 ■ TWG 25/03 ■ TWG 18/04 ■ TWG 17/05 ■ TWG											
8 Technical Working Group meeting	Compl		[Timeline bar]											
9 Technical Working Group meeting	Compl		[Timeline bar]											
10 Technical Working Group meeting	Compl		[Timeline bar]											
11 Technical Working Group meeting	Compl		[Timeline bar]											
12 Technical Working Group meeting	Future		[Timeline bar]											
13 Technical Working Group meeting	Future		[Timeline bar]											
14 Technical Working Group meeting	Future		[Timeline bar]											
15 Technical Working Group meeting	Future		[Timeline bar]											
16 <b>Technical Working Group meeting (Post registration)</b>	Future	Quarterly TWG	[Timeline bar]											
24 <b>1.4. Steering Committee</b>	Comp	Quarterly meeting	11/12 ■ SC 05/03 ■ SC											
25 Steering Committee	Compl		[Timeline bar]											
26 Steering Committee	Future		[Timeline bar]											
27 <b>Steering Committee (Post registration)</b>	Future	Quarterly	[Timeline bar]											
35 <b>1.5. Assembly meeting</b>	On Sc		01/06 ■ Assembly											
36 1.5.1. Conference calls as needed	On Sc		[Timeline bar]											
37 1.5.2. June 2012 - physical meeting	Compl		[Timeline bar]											
38 1.5.3. June 2013 - physical meeting	Future		[Timeline bar]											
39 1.5.4. June 2014 - physical meeting	Future		[Timeline bar]											
40 <b>2. EXTERNAL RELATIONS</b>	Late		[Timeline bar]											
41 2.1. Participate in Eurometaux REACH Forum and programmes	Late		[Timeline bar]											
42 2.2. Development of a strategy for Ferro-alloys (Eurometaux, Euroalliage)	Late		[Timeline bar]											

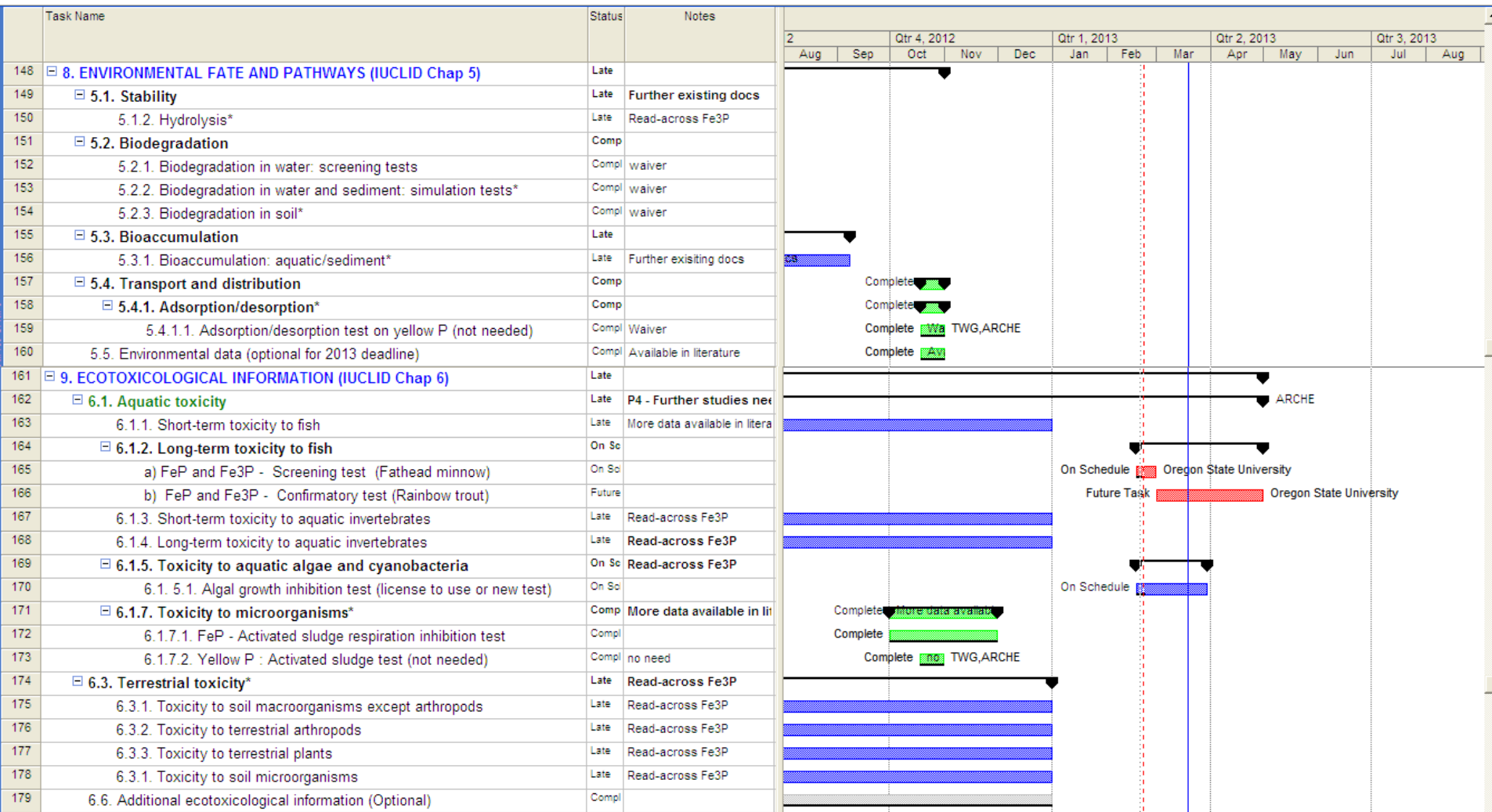


# Phosphorus road map – Data gap analysis and REACH strategy





# Phosphorus road map – environment

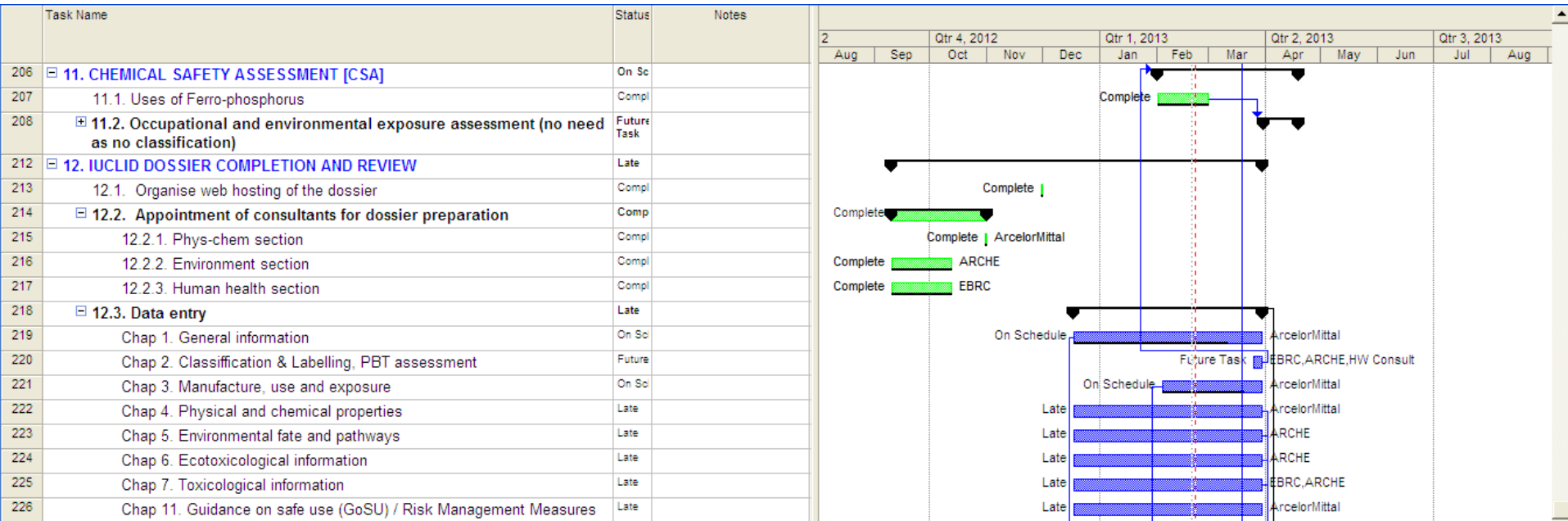




# Phosphorus road map - tox

Task Name	Status	Notes	2											
			Qtr 4, 2012				Qtr 1, 2013			Qtr 2, 2013			Qtr 3, 2013	
			Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
180 <b>10. TOXICOLOGICAL INFORMATIONS (IUCLID Chap 7)</b>	Late	Read-across Fe3P	EBRC											
181 <b>7.1. Toxicokinetics, metabolism and distribution</b>	Late		EBRC											
182 <b>7.1.1. Basic toxicokinetics</b>	Late		EBRC											
183 <b>7.1.1.1. Speciation of P released in gastrics fluids (phosphine release?)</b>	Late		EBRC											
184 7.1.1.1.1. Literature review	Compl		Complete											
185 7.1.1.1.2. Bio-elution tests on FeP (post registration)	Late		Late EBRC											
186 7.1.1.1.3. Bio-elution tests on Fe3P (post registration)	Late		Late EBRC											
187 <b>7.2. Acute toxicity</b>	Comp		Complete											
188 7.2.1. Oral	Compl	Read across Fe3P	Complete											
189 7.2.2. Inhalation	Compl	Read across Fe3P	Complete											
190 7.2.3. Dermal	Compl	Waiver	Complete											
191 <b>7.3. Irritation/corrosion</b>	Comp		Complete											
192 7.3.1. Skin irritation or skin corrosion	Compl	read across from Fe3P	Complete											
193 7.3.2. Eye irritation	Compl	read across from Fe3P	Complete											
194 <b>7.4. Sensitisation</b>	Comp		Complete											
195 7.4.1. Skin sensitisation	Compl	read across from Fe3P	Complete read across fro											
196 <b>7.5. Repeated dose toxicity</b>	Comp		Complete											
197 7.5.1. Oral	Compl	read across from Fe3P	Complete											
198 7.5.2. Inhalation*	Compl	read across from Fe3P	Complete											
199 7.5.3. Dermal*	Compl	Waiver	Complete Waiver											
200 <b>7.6. Genetic toxicity</b>	Comp		Complete											
201 7.6.1. Genetic toxicity in vitro	Compl	read across from Fe3P	Complete											
202 <b>7.8. Toxicity to reproduction</b>	Comp		Complete											
203 7.8.1. Toxicity to reproduction	Compl	read across from Fe3P	Complete read ac											
204 7.8.2. Development toxicity / teratogenicity*	Compl	read across from Fe3P	Complete read ac											
205 7.12. Additional toxicological information	Compl		Complete											

# Phosphorus road map – CSA and IUCLID completion



# Phosphorus road map – CSR, JS and submission

