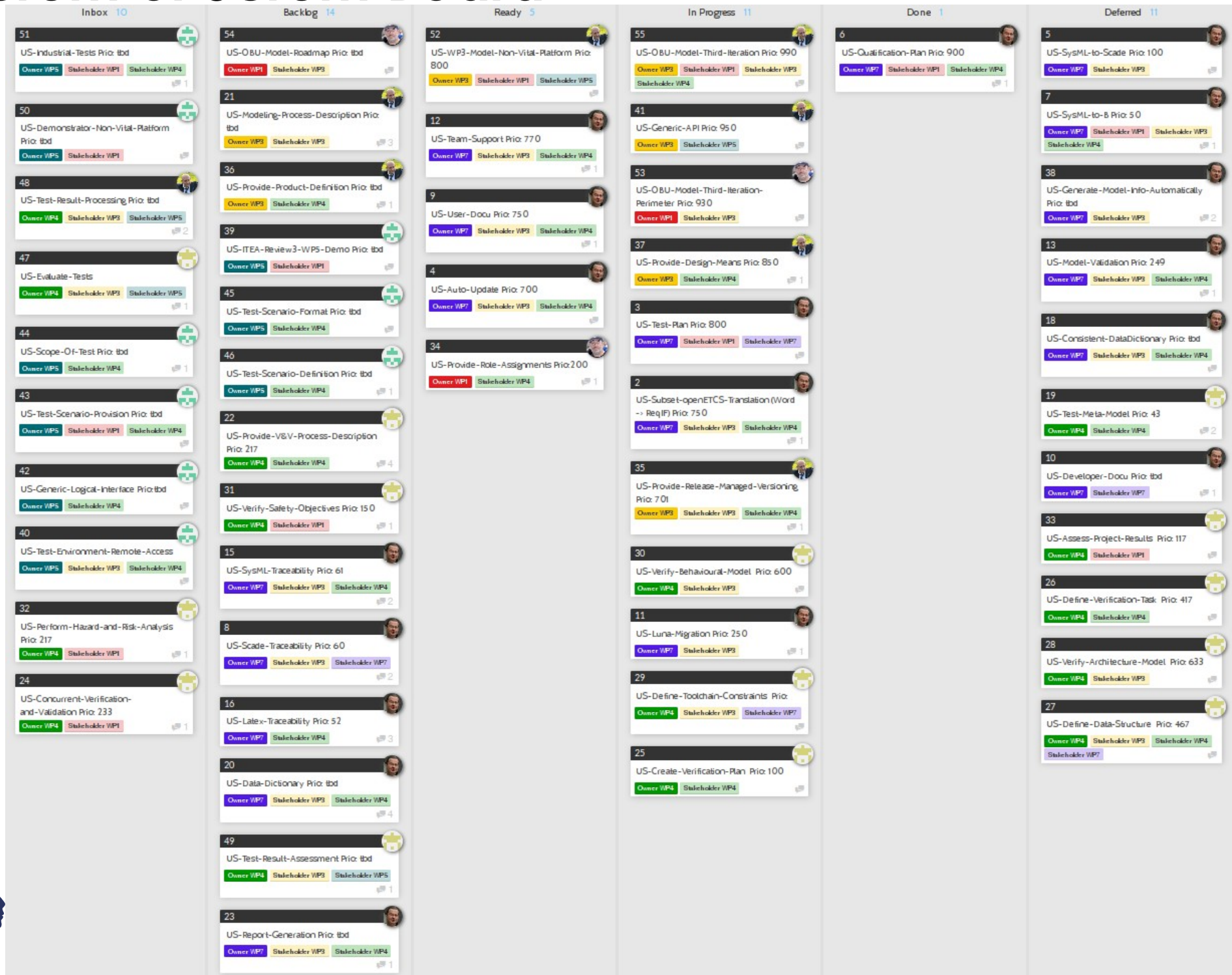# WP7 Backlog Grooming

December 4, 2014

openETCS in 2015

- WP3
  - Reference ETCS OBU
  - Formalization of specification
  - Generic API
- WP4
  - Validation & Verification of WP3 Artifacts
- WP5
  - Test environment
  - Non-Vital reference Unit
- WP7
  - Provide value with the tools we have

Scrum of Scrum Board

Inbox 10	Backlog 14	Ready 5	In Progress 11	Done 1	Deferred 11

Inbox

51 US-Industrial-Tests Prio: tbd
Owner WP5 · Stakeholder WP1 · Stakeholder WP4 · 1

50 US-Demonstrator-Non-Vital-Platform Prio: tbd
Owner WP5 · Stakeholder WP1

48 US-Test-Result-Processing Prio: tbd
Owner WP4 · Stakeholder WP3 · Stakeholder WP5 · 2

47 US-Evaluate-Tests
Owner WP4 · Stakeholder WP3 · Stakeholder WP5 · 1

44 US-Scope-Of-Test Prio: tbd
Owner WP5 · Stakeholder WP4

43 US-Test-Scenario-Provision Prio: tbd
Owner WP5 · Stakeholder WP1 · Stakeholder WP4

42 US-Generic-Logical-Interface Prio: tbd
Owner WP5 · Stakeholder WP4

40 US-Test-Environment-Remote-Access
Owner WP5 · Stakeholder WP3 · Stakeholder WP4

32 US-Perform-Hazard-and-Risk-Analysis Prio: 217
Owner WP4 · Stakeholder WP1 · 1

24 US-Concurrent-Verification-and-Validation Prio: 233
Owner WP4 · Stakeholder WP1 · 1

Backlog

54 US-OBU-Model-Roadmap Prio: tbd
Owner WP1 · Stakeholder WP3

21 US-Modeling-Process-Description Prio: tbd
Owner WP3 · Stakeholder WP3 · 3

36 US-Provide-Product-Definition Prio: tbd
Owner WP3 · Stakeholder WP4 · 1

39 US-ITEA-Review3-WP5-Demo Prio: tbd
Owner WP5 · Stakeholder WP1

45 US-Test-Scenario-Format Prio: tbd
Owner WP5 · Stakeholder WP4

46 US-Test-Scenario-Definition Prio: tbd
Owner WP5 · Stakeholder WP4 · 1

22 US-Provide-V&V-Process-Description Prio: 217
Owner WP4 · Stakeholder WP4 · 4

31 US-Verify-Safety-Objectives Prio: 150
Owner WP4 · Stakeholder WP1 · 1

15 US-SysML-Traceability Prio: 61
Owner WP7 · Stakeholder WP3 · Stakeholder WP4 · 2

8 US-Scade-Traceability Prio: 60
Owner WP7 · Stakeholder WP4 · Stakeholder WP7 · 2

16 US-Latex-Traceability Prio: 52
Owner WP7 · Stakeholder WP4 · 3

20 US-Data-Dictionary Prio: tbd
Owner WP7 · Stakeholder WP3 · Stakeholder WP4 · 4

49 US-Test-Result-Assessment Prio: tbd
Owner WP4 · Stakeholder WP3 · Stakeholder WP5 · 1

23 US-Report-Generation Prio: tbd
Owner WP7 · Stakeholder WP3 · Stakeholder WP4 · 1

Ready

52 US-WP3-Model-Non-Vital-Platform Prio: 800
Owner WP3 · Stakeholder WP1 · Stakeholder WP5

12 US-Team-Support Prio: 770
Owner WP7 · Stakeholder WP3 · Stakeholder WP4 · 1

9 US-User-Docu Prio: 750
Owner WP7 · Stakeholder WP3 · Stakeholder WP4

4 US-Auto-Update Prio: 700
Owner WP7 · Stakeholder WP3 · Stakeholder WP4

34 US-Provide-Role-Assignments Prio: 200
Owner WP1 · Stakeholder WP4 · 1

In Progress

55 US-OBU-Model-Third-Iteration Prio: 990
Owner WP3 · Stakeholder WP1 · Stakeholder WP3 · Stakeholder WP4

41 US-Generic-API Prio: 950
Owner WP3 · Stakeholder WP5

53 US-OBU-Model-Third-Iteration-Perimeter Prio: 930
Owner WP1 · Stakeholder WP3

37 US-Provide-Design-Means Prio: 850
Owner WP3 · Stakeholder WP4 · 1

3 US-Test-Plan Prio: 800
Owner WP7 · Stakeholder WP1 · Stakeholder WP7

2 US-Subset-openETCS-Translation (Word -> ReqIF) Prio: 750
Owner WP7 · Stakeholder WP3 · Stakeholder WP4

35 US-Provide-Release-Managed-Versioning Prio: 701
Owner WP3 · Stakeholder WP3 · Stakeholder WP4 · 1

30 US-Verify-Behavioural-Model Prio: 600
Owner WP4 · Stakeholder WP3

11 US-Luna-Migration Prio: 250
Owner WP7 · Stakeholder WP3 · 1

29 US-Define-Toolchain-Constraints Prio:
Owner WP4 · Stakeholder WP3 · Stakeholder WP7

25 US-Create-Verification-Plan Prio: 100
Owner WP4 · Stakeholder WP4

Done

6 US-Qualification-Plan Prio: 900
Owner WP7 · Stakeholder WP1 · Stakeholder WP4 · 1

Deferred

5 US-SysML-to-Scade Prio: 100
Owner WP7 · Stakeholder WP3

7 US-SysML-to-B Prio: 50
Owner WP7 · Stakeholder WP1 · Stakeholder WP3 · Stakeholder WP4 · 1

38 US-Generate-Model-Info-Automatically Prio: tbd
Owner WP7 · Stakeholder WP3 · 2

13 US-Model-Validation Prio: 249
Owner WP7 · Stakeholder WP3 · Stakeholder WP4 · 1

18 US-Consistent-DataDictionary Prio: tbd
Owner WP7 · Stakeholder WP3 · Stakeholder WP4

19 US-Test-Meta-Model Prio: 43
Owner WP4 · Stakeholder WP4 · 2

10 US-Developer-Docu Prio: tbd
Owner WP7 · Stakeholder WP7 · 1

33 US-Assess-Project-Results Prio: 117
Owner WP4 · Stakeholder WP1

26 US-Define-Verification-Task Prio: 417
Owner WP4 · Stakeholder WP4

28 US-Verify-Architecture-Model Prio: 633
Owner WP4 · Stakeholder WP3

27 US-Define-Data-Structure Prio: 467
Owner WP4 · Stakeholder WP3 · Stakeholder WP4 · Stakeholder WP7

WP7 User Stories

Backlog 5 / 14	Ready 3 / 5	In Progress 3 / 11	Done 1 / 1	Deferred 6 / 11

Backlog 5 / 14

15
US-SysML-Traceability Prio: 61
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 2

8
US-Scade-Traceability Prio: 60
Owner WP7 | Stakeholder WP3
Stakeholder WP7 | 2

16
US-Latex-Traceability Prio: 52
Owner WP7 | Stakeholder WP4 | 3

20
US-Data-Dictionary Prio: tbd
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 4

23
US-Report-Generation Prio: tbd
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 1

Ready 3 / 5

12
US-Team-Support Prio: 770
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 1

9
US-User-Docu Prio: 750
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 1

4
US-Auto-Update Prio: 700
Owner WP7 | Stakeholder WP3
Stakeholder WP4

In Progress 3 / 11

3
US-Test-Plan Prio: 800
Owner WP7 | Stakeholder WP1
Stakeholder WP7

2
US-Subset-openETCS-Translation (Word -> ReqIF) Prio: 750
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 1

11
US-Luna-Migration Prio: 250
Owner WP7 | Stakeholder WP3 | 1

Done 1 / 1

6
US-Qualification-Plan Prio: 900
Owner WP7 | Stakeholder WP1
Stakeholder WP4 | 1

Deferred 6 / 11

5
US-SysML-to-Scade Prio: 100
Owner WP7 | Stakeholder WP3

7
US-SysML-to-B Prio: 50
Owner WP7 | Stakeholder WP1
Stakeholder WP3 | Stakeholder WP4 | 1

38
US-Generate-Model-Info-Automatically Prio: tbd
Owner WP7 | Stakeholder WP3 | 2

13
US-Model-Validation Prio: 249
Owner WP7 | Stakeholder WP3
Stakeholder WP4 | 1

18
US-Consistent-DataDictionary Prio: tbd
Owner WP7 | Stakeholder WP3
Stakeholder WP4

10
US-Developer-Docu Prio: tbd
Owner WP7 | Stakeholder WP7 | 1

How can we be the most effective?

- My opinion
    - Use what works: Subset-26 → ReqIF → SysML
    - Use only tools where we have an expert: ProR (Michael), Papyrus (Matthieu), Data Dictionary (Lukasz), …
    - Drop where we don't (ReqCycle?, etc.)
    - Figure out how we can support WP3, WP4 with what we have

Team Allocation

Person	US	Responsiblity
Alex	US-SysML-to-Scade Prio: 100	Scade Integration
Cecile	US-SysML-Traceability Prio: 61	Task Leader / Traceability
	US-Scade-Traceability Prio: 60	
	US-Latex-Traceability Prio: 52	
David	US-SysML-to-B Prio: 50	B integration
Izaskun	US-Test-Plan Prio: 800	Documentation / Test Plan
	US-User-Docu Prio: 750	
	US-Developer-Docu Prio: tbd	
Lukasz	US-Data-Dictionary Prio: tbd	Data Dictionary
	US-Consistent-DataDictionary Prio: tbd	
Marielle		beta-tester
Matthieu	US-Luna-Migration Prio: 250	Papyrus
Michael		WP Leader / ProR
Moritz	US-Subset-openETCS-Translation (Word -> ReqIF) Prio: 750	Subset 026 Import

Discussion

Thank you for your attention.