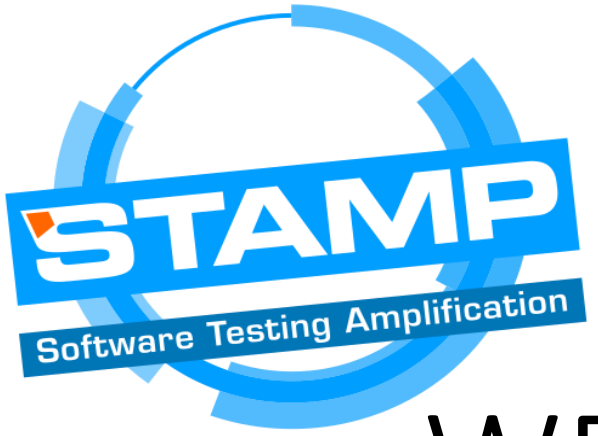


WP7 Project Management

H2020 LEIT RIA - ICT-10-2016 – Software Technology

2016/12/01 – 2019/11/30

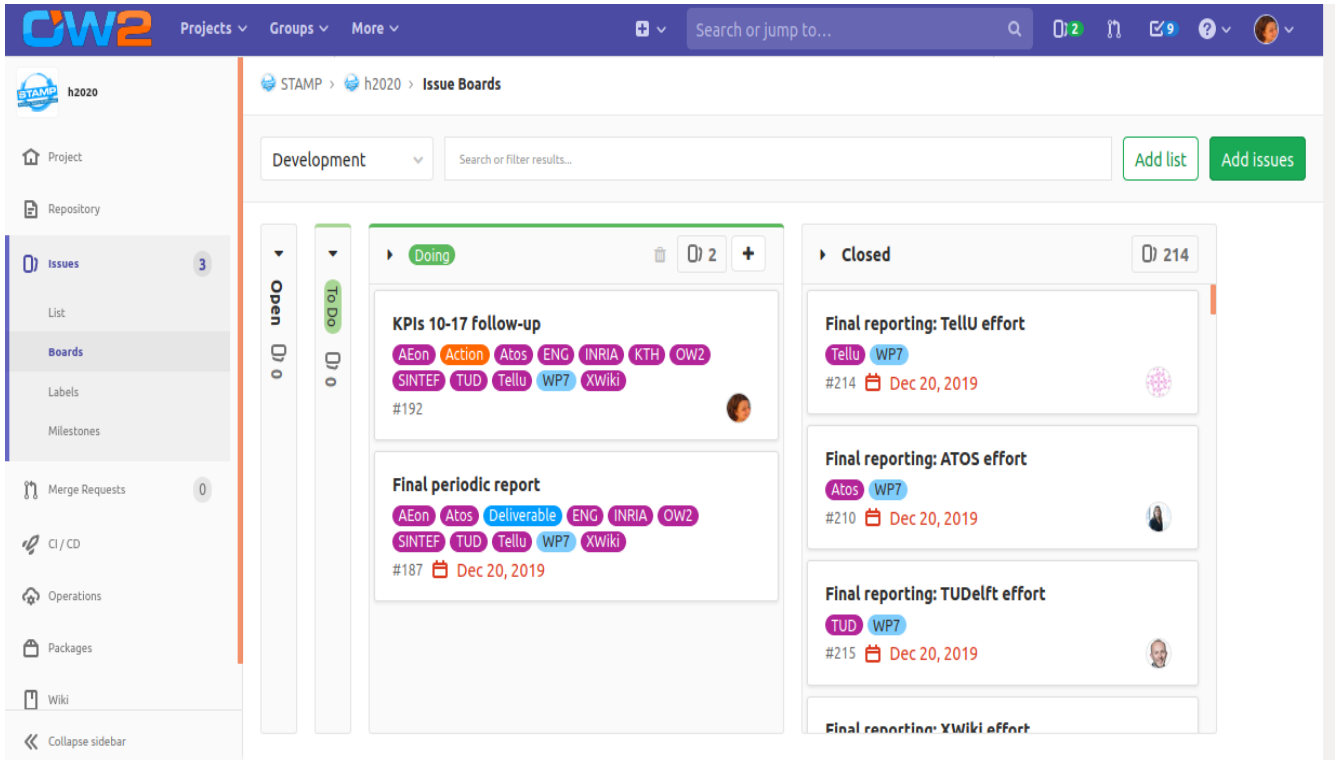
Caroline Landry
Project Technical Manager
INRIA, France

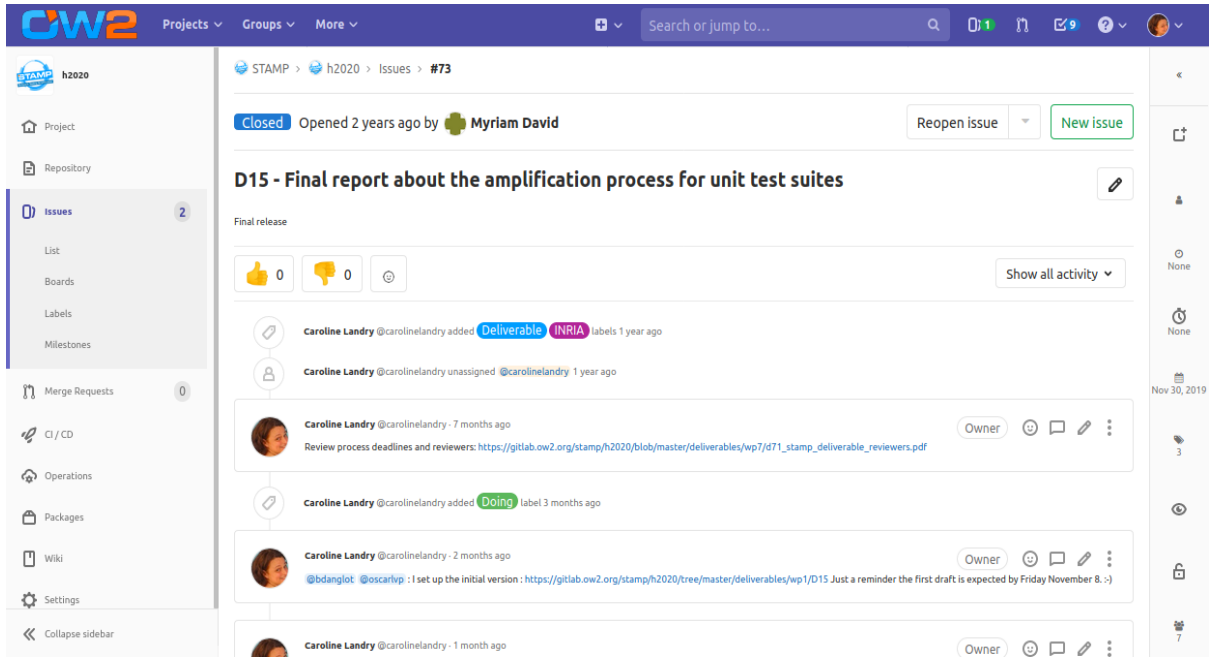
Tracking (1)

- Meetings
  - Monthly calls with all partners
  - WP5 & WP4: regulars calls with all partners
  - WP1, WP2 and WP3: dedicated calls and working sessions by video conferences
  - KTH/INRIA: weekly calls
  - 9 in-person meetings

Tracking (2)

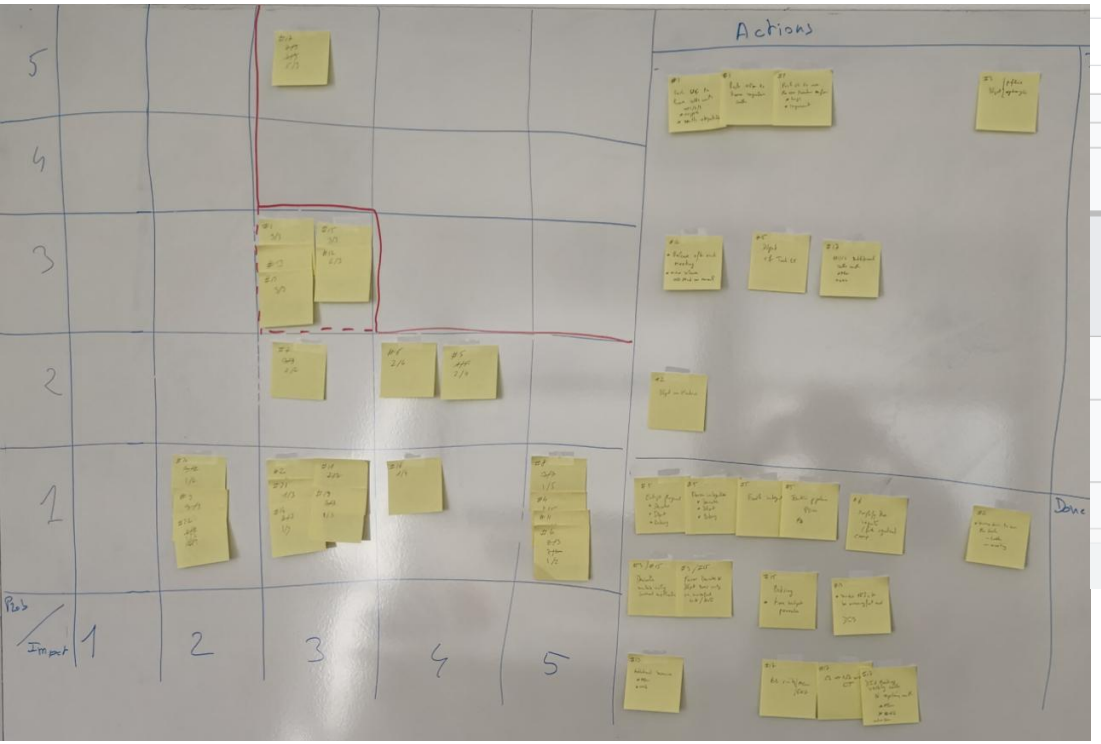
- Deliverables
- Milestones
- Actions





Tracking (3)

- Risks management



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KPIs 10-17 follow-up - Go | Google Sheets | d71_stamp_risks_table

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	A	B	C	D	E	F	G	H	I
1	Reporting period : M18 - M36								
2	#	Description	WP	Probability	Impact	Level	Mitigation measures applied (yes/no)	Risk materialized (yes/no)	Comments
15	13	No metrics were found to evaluate a concrete feature/requirement, or there are not available means to measure them providing quantitative measures Impact: The evaluation will not be able to provide quantitative figures	1,2,3, 4,5	3	3	9	yes	yes	KPIs revised by industrial partners and a guide on how to measure each metric is provided with the metric. Some metrics still difficult to compare with baseline (eg. what is a "crash test" in an existing test suite ? What is exactly a "flaky test" ?)
16	14	Very limited interest in STAMP Impact: Failure to achieve dissemination and exploitation indicators.	6	2	3	6	no	no	Over all several hundreds of DevOps attended STAMP webinars, workshops, talks and meetups, showing an interest for software testing automation tools.
17	15	Poor performance of the resulting platform Impact: Exploitation of project results becomes uncertain.	5,6	3	3	9	no	no	Extreme mutation reduces the execution time of mutation testing tools. The integration of tools in the developer toolchain is also key, as beta testers have noted in their feedbacks. However, no one has raised performance issues on the STAMP tools.
18	16	Competition appears with same value proposal Impact: Exploitation of project results becomes	6	1	4	4	no	no	No real competition at this time, as explained in the D6.5 report. Offering the STAMP toolset as a Service is a clear market opportunity.

reporting_m18_m36 | reporting_m1_m18 | initial | Explore

Tracking (4)

- Unplanned activities (PR2)
  - Amendment
    - Change tasks assignments of T1.4 and 5.4 from ATOS Turkey to ATOS IT
    - Update WP3 objectives, task 3.2, deliverables D3.2 and D3.3 deadline
    - Update WP4 task 4.1
    - Update WP5 project KPIs
    - Updated version of the DoA part A
    - Updated version of the DoA part B
    - Request letter
  - Document reviews
    - Revised version of D1.2
    - Revised version of D3.1
    - Revised version of D3.2
  - Additional project interim review

Deliverables

Deliverables	#
earlier	13
on time	5
delay <= 1w	4
delay <= 2w	3
delay > 2w	7

78%

Deliverable	Deadline	Actual delivery date	# days delivery
D71	31-Jan-17	31-Jan-17	0
D61	28-Feb-17	7-Mar-17	7
D62	31-Mar-17	27-Mar-17	-4
D11	31-May-17	31-May-17	0
D21	31-May-17	31-May-17	0
D31	31-May-17	31-May-17	0
D41	31-May-17	29-May-17	-2
D51	31-May-17	31-May-17	0
D52	31-Aug-17	11-Sep-17	11
D12	30-Nov-17	29-Nov-17	-1
D22	30-Nov-17	29-Nov-17	-1
D32	30-Nov-17	13-Dec-17	13
D42	31-Jan-18	8-Feb-18	8
D55	31-May-18	22-Jun-18	22
D63	31-May-18	26-Jun-18	26
D13	31-Jul-18	27-Aug-18	27
D23	31-Jul-18	7-Sep-18	38
D53	31-Jul-18	11-Sep-18	42
D54	31-Jul-18	10-Sep-18	41
D33	30-Nov-18	22-Nov-18	-8
D43	30-Nov-18	5-Dec-18	5
D56	31-May-19	4-Dec-18	-178
D64	31-May-19	24-Jun-19	24
D14	30-Sep-19	24-Sep-19	-6
D24	30-Sep-19	1-Oct-19	1
D34	30-Sep-19	1-Oct-19	1
D15	30-Nov-19	29-Nov-19	-1
D25	30-Nov-19	29-Nov-19	-1
D35	30-Nov-19	29-Nov-19	-1
D44	30-Nov-19	29-Nov-19	-1
D57	30-Nov-19	29-Nov-19	-1
D65	30-Nov-19	29-Nov-19	-1
	average delay (#days)		2

Milestones

MS	#
earlier	6
on time	7
delay <= 1w	0
delay <= 2w	0
delay > 2w	3

81%

Milestone	Deadline	Actual delivery date	# days delivery
MS1	28-Feb-17	7-Jul-17	129
MS2	28-Feb-17	15-Feb-17	-13
MS3	31-Mar-17	31-Mar-17	0
MS4	31-May-17	22-Apr-17	-39
MS5	31-May-17	15-Oct-17	137
MS6	31-Aug-17	24-Nov-17	85
MS7	30-Sep-17	30-Sep-17	0
MS8	30-Nov-17	27-Oct-17	-34
MS9	30-Nov-17	30-Mar-17	-245
MS10	31-May-18	31-May-18	0
MS11	31-May-18	31-May-18	0
MS12	31-Jul-18	31-Jul-18	0
MS13	30-Nov-18	30-Oct-18	-31
MS14	1-May-19	1-May-19	0
MS15	31-Aug-19	21-Mar-18	-528
MS16	30-Sep-19	30-Sep-19	0
	average delay (#days)		-34

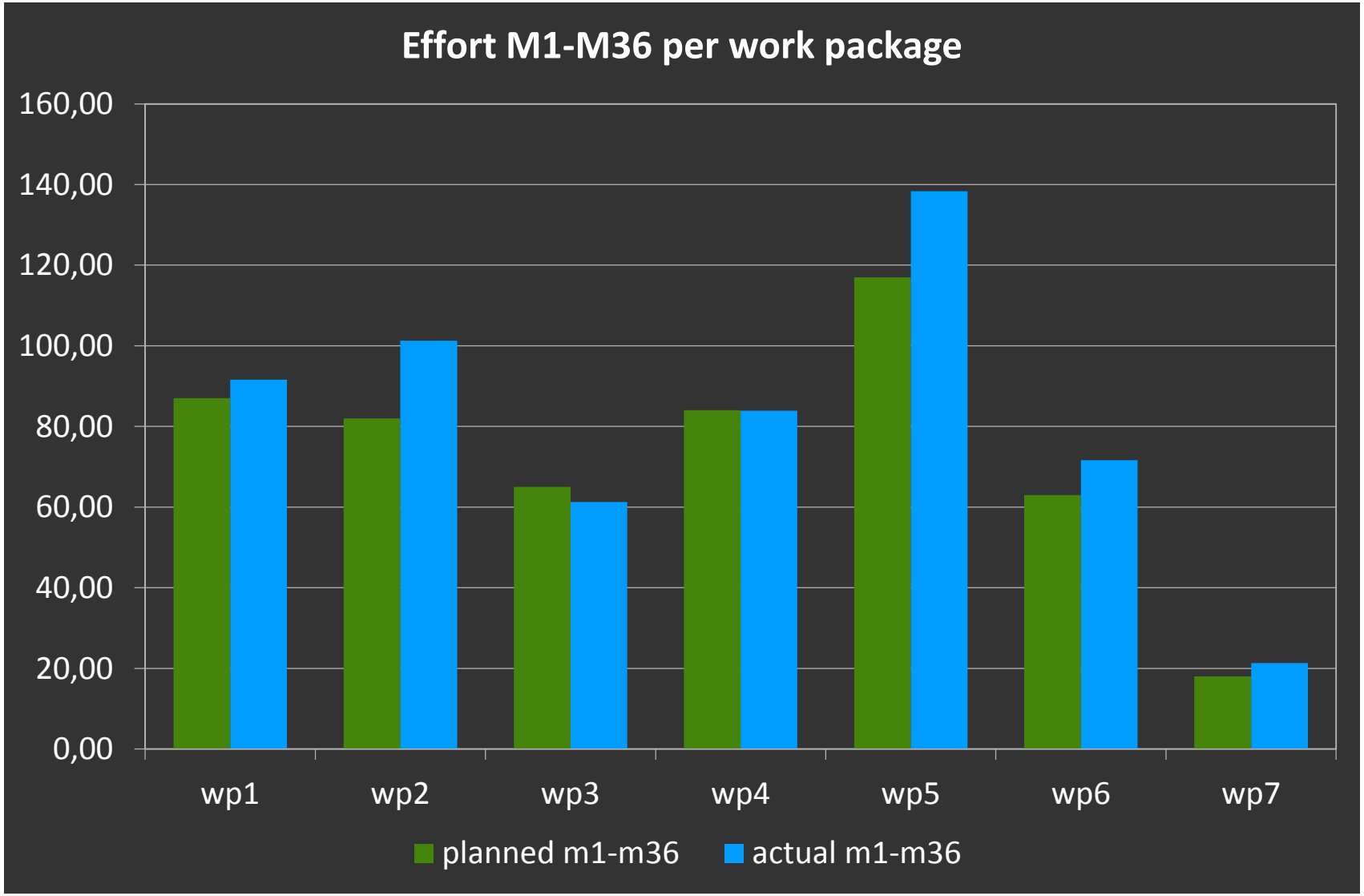
Advisory board

- Workshops
  - December 2017, Madrid
  - October 2018, Paris
  - January 2019, Sophia
- Members
  - Henry Coles (PIT),
  - Francisco Gortazar (University Rey Juan Carlos)
  - Manuel Martinez (Nokia)

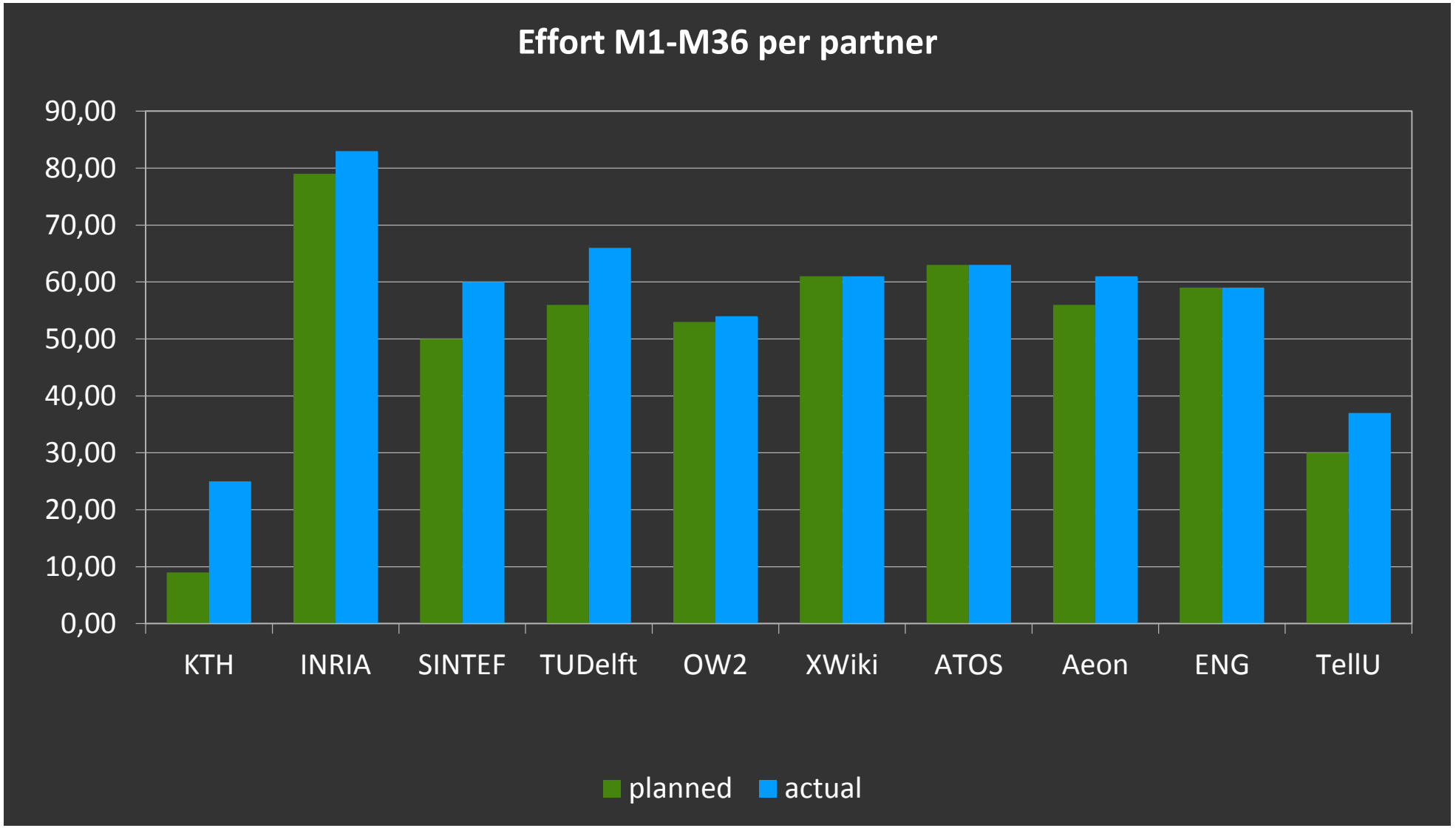
Project KPIs

Objective(s)	Description	ID	target	achieved	result
			# services		
4	3 test amplification services integrated in 2 different toolchains	**KPI10**	3	4	✓
			# toolchains		
		Descartes	*2*	*4*	
		DSpot	*2*	*4*	
		CAMP	*2*	*4*	
		Botsing	*2*	*4*	
		RAMP	*2*	*1*	
5	Validation of each test amplification service by at least 3 use cases.	**KPI11**			✓
		Descartes	3	8	
		DSpot	3	7	
		CAMP	3	5	
		Botsing	3	8	
		RAMP	3	4	

Effort (1)


Effort M1-M36 per work package
160,00
140,00
120,00
100,00
80,00
60,00
40,00
20,00
0,00
wp1
wp2
wp3
wp4
wp5
wp6
wp7
planned m1-m36
actual m1-m36

Effort (2)


Effort M1-M36 per partner
90,00
80,00
70,00
60,00
50,00
40,00
30,00
20,00
10,00
0,00
KTH
INRIA
SINTEF
TUDelft
OW2
XWiki
ATOS
Aeon
ENG
TellU
planned
actual

Effort (3)

		KTH	INRIA	SINTEF	TUDelft	OW2	XWiki	ATOS	Aeon	ENG	TelIU	Total/wp	
wp1	planned	2	30	8	9	3	16	10	4	5	0	87	
	balance	12	6	-1	-5	-2	-4	0	-2	0		5	
wp2	planned	0	4	32	3	3	11	8	8	5	8	82	
	balance		0	12	7	-2	-1	0	1	0	1	19	
wp3	planned	1	7	3	34	3	0	0	7	5	5	65	
	balance	0	-3	-1	3	-2			1	0	-1	-4	
wp4	planned	0	13	0	2	8	3	8	12	38	0	84	
	balance		0		1	-3	1	0	2	0		0	
wp5	planned	0	7	4	5	18	25	28	15	0	15	117	
	balance		0	1	3	5	3	0	3		7	21	
wp6	planned	1	5	3	3	18	6	9	10	6	2	63	
	balance	2	0	-1	1	5	1	0	0	0	0	9	
wp7	planned	5	13	0	0	0	0	0	0	0	0	18	
	balance	2	1									3	
Total	planned	9	79	50	56	53	61	63	56	59	30	516	
/partner	balance	16	5	10	10	1	0	0	5	0	7	53	10%

Effort (4)

- KTH
  - planned efforts were underestimated when moving
- INRIA
  - Some PMs moved from WP3 to WP1
  - Some additional PMs allocated to WP1 to achieve the industrial maturity level
  - Unplanned tasks (additional review, amendments and detailed management of some partners)
- SINTEF
  - Mainly additional effort on WP2 because of turnover

Effort (5)

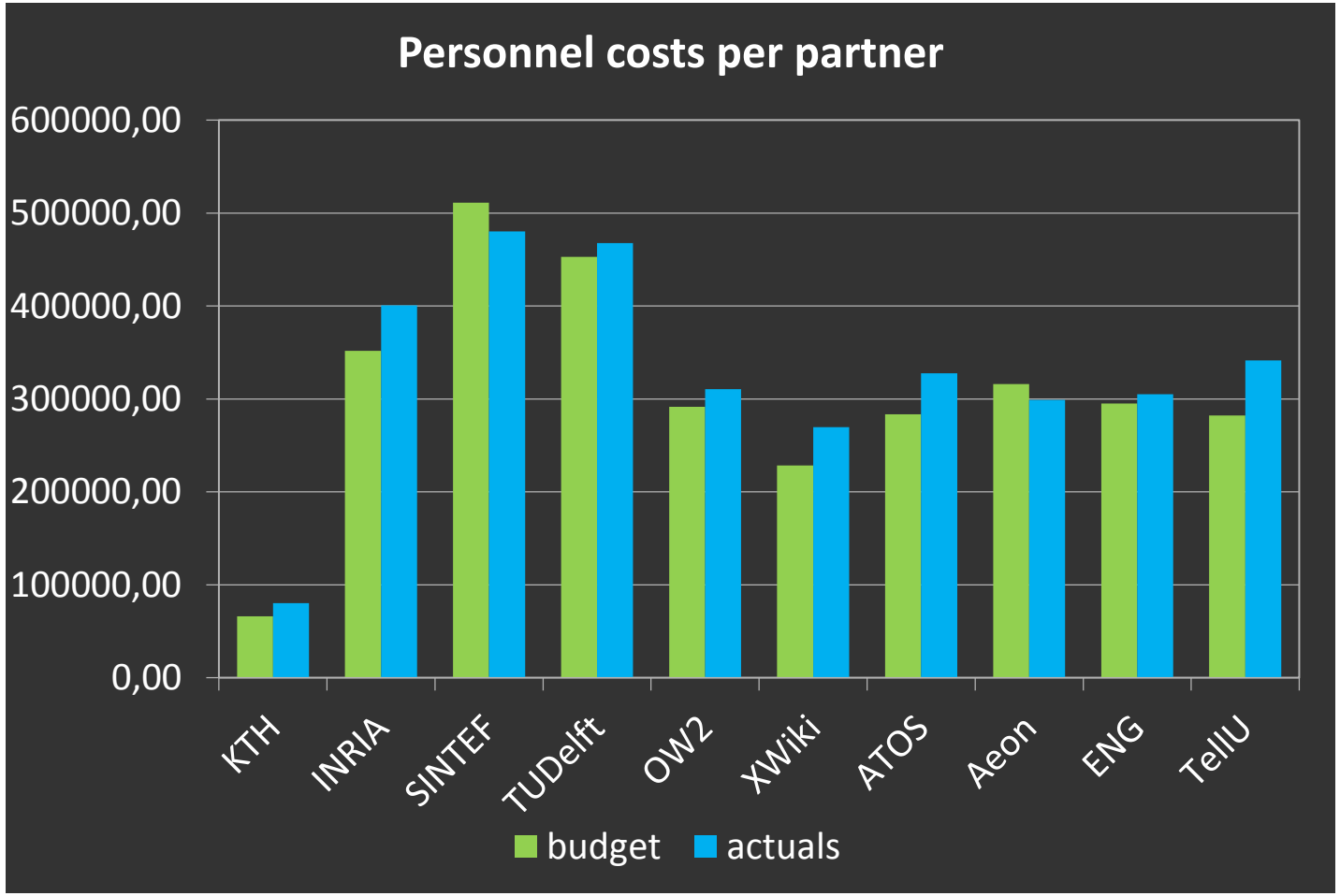
- TUDelft
  - Effort was divided differently mainly because of WP3 reorientation after mid-term review
- OW2
  - Difficulty to hire people impacted WP1/WP2
  - PMs re-allocated to WP5 to implement CI tools
  - More dissemination than planned and additional effort on exploitation and business plan to help Activeeon (WP6)
- XWiki
  - Technical work in WP1/WP2 faster than planned
  - Effort re-allocated mainly on WP5 to achieve the metrics and the KPIs

Effort (6)

- Tellu
  - WP3 contribution faster than planned and so some effort shifted from WP3 to WP2
  - Additional effort on WP5 in the final year to work on TelluCloud
- Activeeon
  - 2PMs achieved by INRIA on WP1 because of turnover (PR1)
  - More effort on WP2/WP3/WP4/WP5 because of 1 senior engineer replaced by 2 junior engineers

Personnel costs

	KTH	INRIA	SINTEF	TUDelft	OW2	XWiki	ATOS	Aeon	ENG	TellU	Total
budget	66 229	351 711	511 200	452 984	291 712	228 300	283 500	316 000	295 000	282 274	3 078 910
actuals	80 361	400 658	480 341	467 683	310 504	269 790	327 629	298 858	305 194	341 570	3 282 587
											7%



Questions & Answers