3rd CLOUDWATCH Concertation Meeting

Net Futures 2015 Conference

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Concertation meetings

Old tradition: since early Framework Programmes (e.g. first RACE Programme, FP2, 1987-1992)

Goal: create synergies, sharing of knowledge and expertise (project clusters), facilitate networking, disseminate achievements and scientific breakthroughs

CloudWatch (FP7 Call 10): third concertation meeting (first for H2020); innovative format, but … what about clustering of projects?

3rd CloudWatch Concertation

Goal: look at future directions for software & services and cloud, highlighting new opportunities for novel research and innovation:

- *take stock of new services <u>going to market</u> in the near future, assessing their <u>go-to-market</u> scenarios, user experience and potential barriers to uptake*

- *conclude with a Call to Action on the most pressing challenges for <u>market uptake</u>, defining practical steps that can be taken*

Concertation: for all active projects under the remit of the Unit CNECT.E2 Software & Services and Cloud Computing, although other EU-funded projects are also welcome to participate

Political commitment to R&I (1)

COM(2012)529 of 27 September 2012: unleashing the potential of cloud computing in Europe

"… make full use of other instruments, notably through research and development support under H2020 on long term challenges specific to cloud computing as well as assisting the migration to cloud-based solutions"

Significant resources allocated to support cloud computing research and innovation within the H2020 LEIT ICT WP2014-2015

Additional funding possibilities: under H2020 Societal Challenges and through other H2020 instruments e.g. SME Instrument

Political commitment to R&I (2)

COM(2014)442 of 2 July 2014: towards a thriving data-driven economy

"… H2020 and national R&I programmes can address relevant technical challenges: from data creation and actuation through networks, storage and communication technology to large-scale analysis, advanced software tools and cyber security"

"In order to encourage R&I on business intelligence, decision support processes and systems supporting SMEs and web-entrepreneurs, H2020 addresses descriptive and predictive data analytics, data visualisation, artificial intelligence and decision-making software tools and algorithms"

"… future R&I actions under H2020 will address the optimal use and configuration of cloud computing solutions for data analytics and advanced infrastructures and services"

FP7 ICT Work Programmes

➢ WP 2007-2008 (Call 1): Service and Software Architectures, Infrastructures and Engineering: €120 million

➢ WP 2009-2010 (Call 5): Internet of Services, Software and Virtualisation: €110 million

➢ WP 2011-2012 (Call 8): Cloud Computing, Internet of Services and Advanced Software Engineering: €70.0 million

➢ WP 2013 (Call 10): Software Engineering, Services and Cloud Computing: €41.5 million

EC funding for Software & Services and Cloud Computing (over 7 years): €341.5 million + some FI-PPP projects + €10.0 million (PCP)

➢ More than €50 million/year on average

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FP7 implementation

	Budget [MEUR]	IP+NoE	STREP	CSA	PCP	Total
Call 1	120.0	6+1	18	3		28
Call 5	110.0	7	16	5		28
Call 8	70.0	4	15	3		22
Call 10	41.5+10.0	2	10	4	1	17
Total	**351.4**	**20**	**59**	**15**	**1**	**95**

Total EU contribution: €351.5 million
Number of projects: 95
Average: €3.7 million/project

FP7 Call 10 CSAs: CloudCatalyst, CloudingSMEs, CloudWatch, HTML5Apps

Ongoing projects (CNECT.E2)

FP7 Call 8:   19 projects out of 22 projects
FP7 Call 10:   17 projects out of 17 projects

CIP Call 6:   one project (MO-BIZZ)
FP7 EU-Japan: one project (CLOUT)

H2020 Call 1:   32 new projects
H2020 EU-Japan: one new project (IKAAS)

Total: 71 projects (as of March 2015)

H2020 WP2014-15 implementation

	Budget [MEUR]	Funding [MEUR]	RIA	IA	CSA	PCP	PPI	Total
ICT7	73.0	73.15	16	2	5			23
ICT9	25.0	27.10	8	-	-			8
ICT35f	1.0	0.50	-	-	1			1
ICT8	22.0	?	-	-	-	?	?	?

ICT7: Advanced Cloud Infrastructures and Services (separate topic)
ICT9: Tools and Methods for Software Development (separate topic)
ICT35f: Innovation and Entrepreneurship Support (European networks of procurers)
ICT8: Boosting Public Sector Productivity and Innovation through Cloud Computing Services
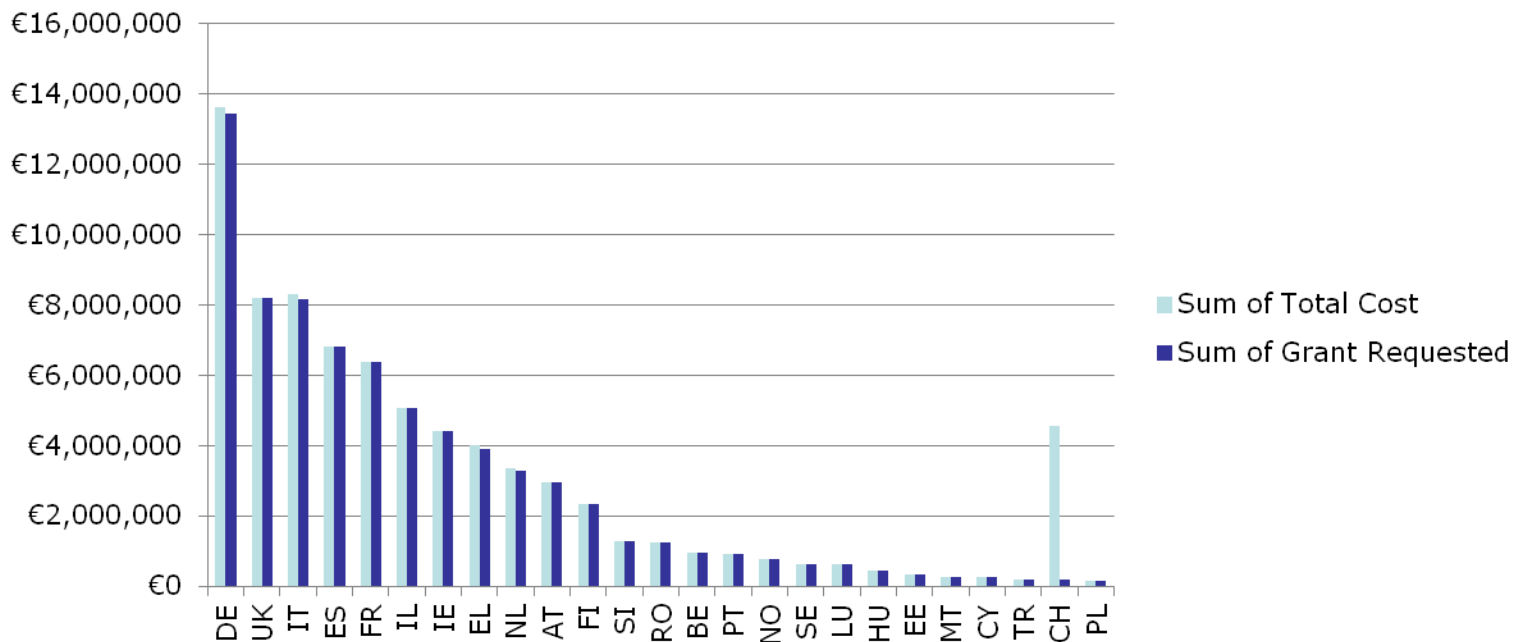
Total EU funding, so far: €100.75 million
Number of projects, so far: 32
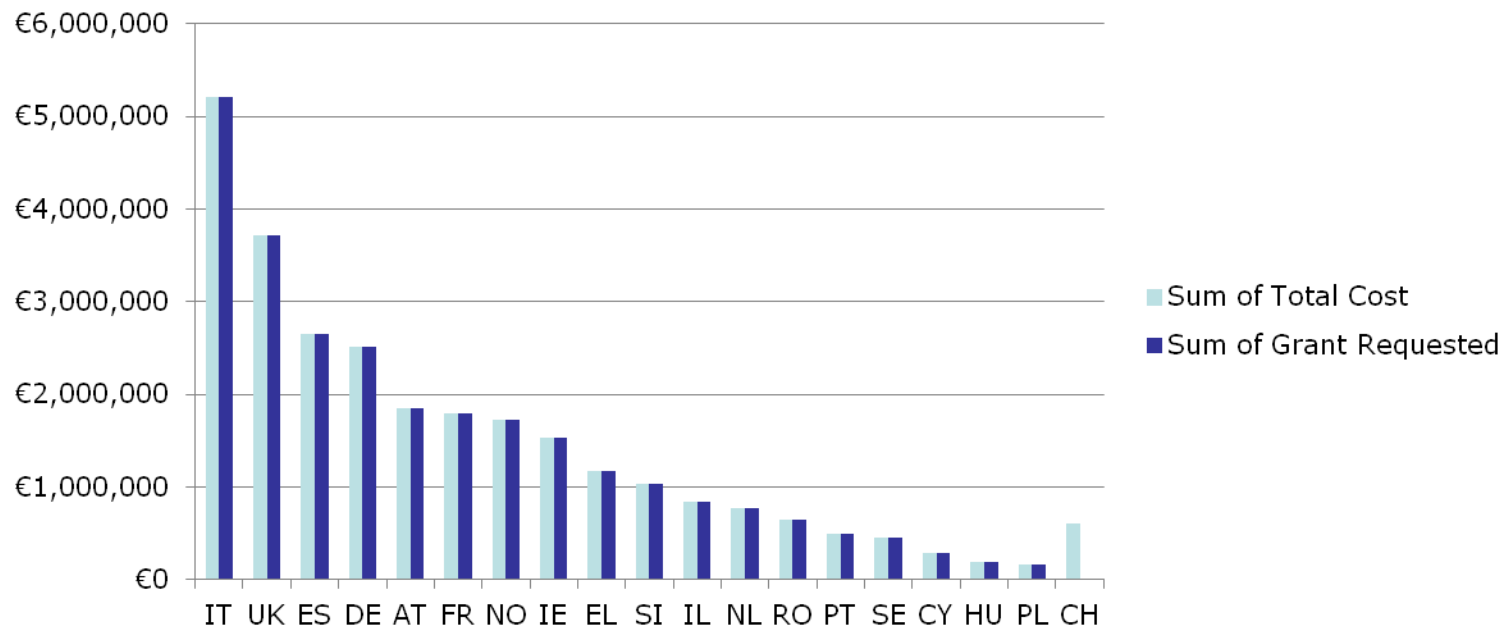Average, so far: €3.15 million/project)

H2020 Call 1 CSAs: AppHub, CloudWatch2, Hola Cloud, SLALOM, SLA-Ready

ICT7: grant and cost distribution

Total grant: €73,149,018
Total cost: €78,070,151

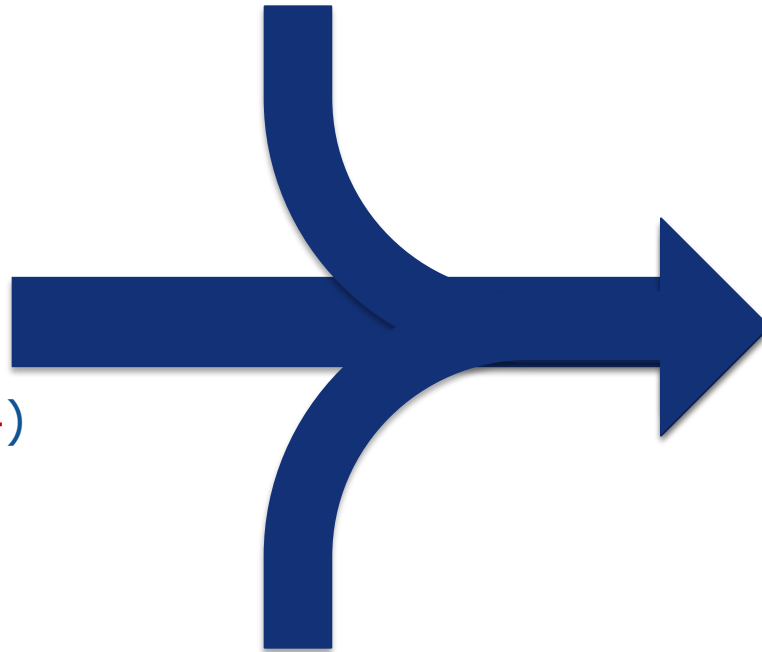# ICT9: grant and cost distribution

Total grant: €27,092,903
Total cost: €27,698,591

H2020 WP2016-2017 preparation

Internal EC consultation

Public
consultation
(Sept 2014)
Workshop (Nov 2014)

Adoption: Q3 2015

H2020 WP2016-2017
- ICT2.2 (cloud)
- ICTx.y (software)
- EUB, EUJ, EUK

Full details of consultation: https://ec.europa.eu/digital-agenda/en/news/public-consultation-cloud-computing-and-software

H2020 WP2016-2017 timeline

- 5 March 2015: first discussion by MSs Cttee
- 20 May 2015: second discussion by MSs Cttee
- June 2015: inter services consultation
- July 2015: formal opinion by MSs Cttee
- September 2015: Commission adoption
- October 2015: presentation at ICT 2015 Event (Lisbon, 20-22 Oct)
- Publication of Call for Proposals

Make the most of the concertation opportunity!

Challenge:

➢ Identification of 2/3 clusters by tomorrow
➢ Volunteers to coordinate each identified cluster
➢ Definition of goals for each identified cluster