



4th CLOUDWATCH Concertation Meeting

Net Futures 2016 Conference

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Software & Services, Cloud Computing

Concertation meetings

Old tradition: since early Framework Programmes (80's and 90's; FP2 period 1987-1992)

Goal: create synergies, sharing of knowledge and expertise, facilitate networking, disseminate achievements and breakthroughs

4th concertation meeting organised by CLOUDWATCH, but 2nd concertation in the context of H2020

Clustering of projects: concept re-launched in March 2015

4th CLOUDWATCH Concertation

Aim: look at future directions for **software & services and cloud computing**, highlight new opportunities for research and innovation, go-to-market aspects ...

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

Political commitment to R&I

COM(2016)xyz of 19 April 2016: European Cloud Initiative – building a competitive data and knowledge economy in Europe

*"... in partnership with industry and the public sector, the Commission undertakes to **adapt** HPC and Big Data **solutions** to a **cloud environment** in order to enable broad access, notably for SMEs; to develop an **ecosystem** to strengthen the **cloud industry** in Europe, using the European Open Science Cloud as a testbed for innovative **cloud** technology solutions"*

... allocation of significant resources to support **cloud** research and innovation in H2020 LEIT ICT **WP2018-2020**

FP7 portfolio of projects

	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	351.5	20	59	15	1	95

Topics: software & services and cloud computing

Total EU contribution: €351.5 million
 Number of FP7 projects: 95
 Average per project: €3.7 million/project

H2020 WP2014-15 portfolio

	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	4.72				1	-	1

ICT7: Advanced Cloud Infrastructures and Services

ICT9: Tools and Methods for Software Development

ICT35f: Innovation and Entrepreneurship Support (European networks of procurers)

ICT8: Boosting Public Sector Productivity and Innovation through Cloud Computing Services

Total EU funding: **€105.47 million**

Number of projects: **33 (plus 5 international cooperation)**

Average per project: **€3.2 million**

Ongoing projects (CNECT.E2)

FP7 Call 8:	1 project out of 22 projects
FP7 Call 10:	9 projects out of 17 projects
FP7 PCP:	1 project (C4E)
FP7 EU-Japan:	1 project (CLOUT)

H2020 Call 1:	32 projects out of 33 projects
H2020 PCP:	1 project (HNSciCloud)
H2020 EU-Japan:	1 project (IKAAS)
H2020 EU-Brazil:	3 projects (launched in Jan 2016)

Total: 49 ongoing projects (as of April 2016)

H2020 WP2016-17

Call closed on **12 April**; evaluation in June 2016

	Budget [MEUR]	No. proposals	RIA	IA	Total
ICT-06-2016 RIA	35.0	87	7-11 (?)		9 (?)
ICT-06-2016 IA	10.0	17		2-4(?)	3 (?)
ICT-10-2016 RIA	31.0	90	6-10 (?)		8 (?)
Total	76.0	194			20 (?)

ICT-06-2016: Cloud Computing

ICT-10-2016: Software Technologies

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-ict-2016-2017.html>

Expected number of new projects: **20** (+ international cooperation)

H2020 WP2018-2020 preparation

Scoping paper: summer 2016

First discussion with Member States: July-Oct 2016

Possibility of public consultation: 3Q 2016 (?)

WP drafting: Nov 2016 – June 2017

WP2018-2020 adoption: 4Q 2017 (?)

Identification of research challenges by **four** Clusters

Benchmarking ...

FP7: €351.5 million over 7 years

H2020: €105.5M + €76.0M + €170.0M (?)