



# European Cloud Strategy: trusted cloud and public sector

At: Symposium 'Cloud for Europe', Churchill College, Møller Study Centre, University of Cambridge, 30 Sept - 1 Oct 2014.

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The Cloud computing strategy	Cloud strategy's key actions	DG CONNECT working groups for the implementation of the strategy
<p>The European Commission's strategy 'Unleashing the potential of cloud computing in Europe'</p> <p>Adopted on <b>27 September 2012</b>, it is designed to speed up and increase the use of cloud computing across the economy</p>	<p>Cutting through the jungle of technical standards</p>	<p>ETSI: Cloud Standards Coordination <span style="float: right;">Launched on 19/12/2012</span></p>
	<p>Development of model 'safe and fair' contract terms and conditions</p>	<p>The Cloud Select Industry Group on Certification Schem <span style="float: right;">Launched on 21/02/2013</span></p> <p>The Cloud Select Industry Group on Code of Conduct <span style="float: right;">Launched on 10/04/2013</span></p>
	<p>A European Cloud Partnership to drive innovation and growth from the public sector.</p>	<p>The Cloud Select Industry Group on Service Level Agreement <span style="float: right;">Launched on 21/02/2013</span></p> <p>Research: The Cloud Expert Group <span style="float: right;">Now completed</span></p>
		<p> <input type="checkbox"/> Steering Board <span style="float: right;">Launched on 19/11/2012</span>  <input type="checkbox"/> Pre-commercial Procurement Consortium <span style="float: right;">Public launch 14-15 Nov 2013</span> </p>

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**European Cloud Partnership (ECP)**  
Promote smart cloud uptake and stimulate the market using public sector collaboration and procurement in cooperation with industry;

cost-effectiveness, productivity, security, data protection, trustworthy cloud services, avoid lock-in...

➤ **How:**  
**Steering Board:** IT and Telco industry, Member States, associated countries, SM  
**Implementation action:** pre-commercial procurement action for public sector with industry input => *"Cloud-for-Europe"*



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Establishing  
a Trusted Cloud  
Europe

## European Cloud Partnership



- Part of the European Cloud Strategy
- First met on November 19, 2012
- Remit:

*“provide advice to the Commission on strategic options to turn cloud computing into an engine for sustainable economic growth, innovation and cost-efficient public and private services”*

## ECP composition

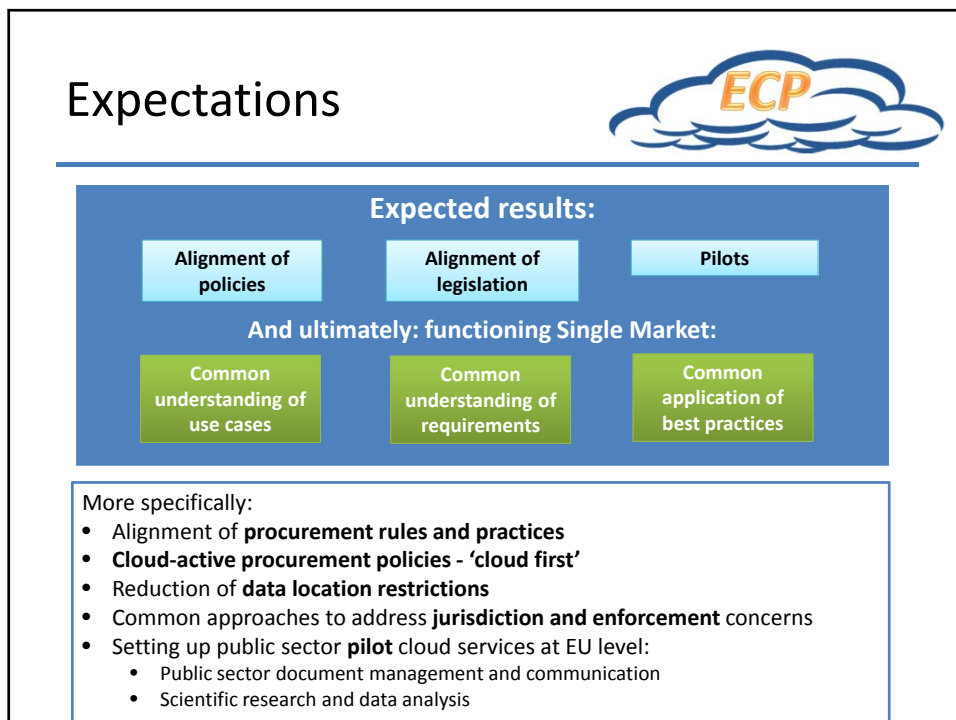
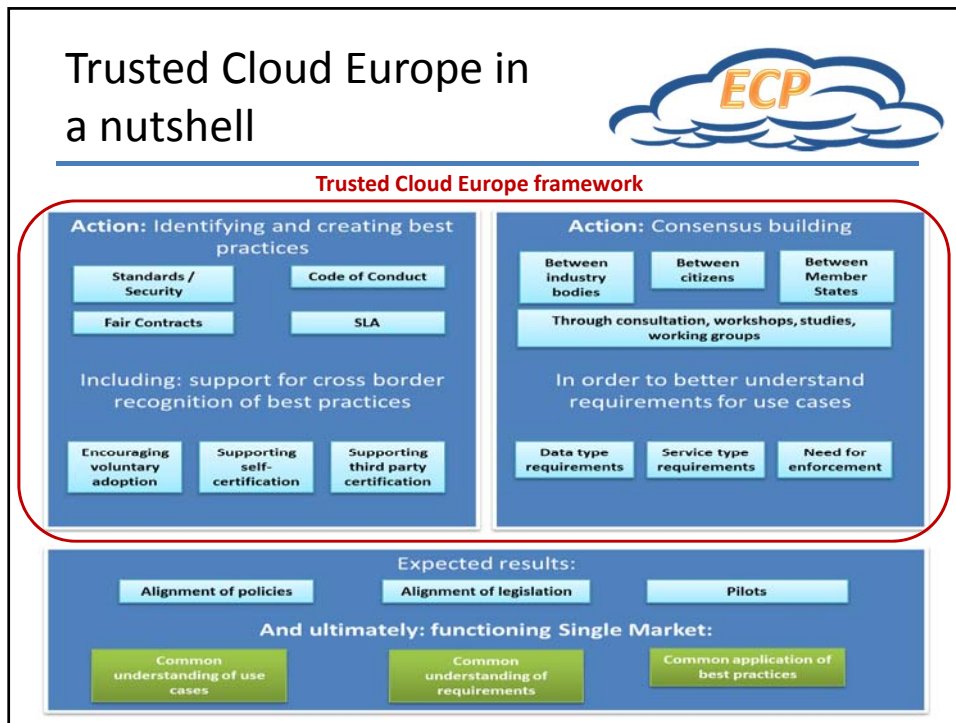


Organisation	Representative	Organisation	Representative
President of Estonia and Chair of the Steering Board	Toomas Hendrik Ilves	Accenture	Pierre Nanterme
Amazon	Werner Vogels	ATOS	Thierry Breton
Austria	Reinhard Posch	The German Federal Office for Information Security (BSI)	Michael Hange
Dassault	Bernard Charlès	Ericsson	Hans Vestberg
EuroCIO and Daimler	Michael Gorriz	F-Secure Corporation	Christian Fredrikson
France	Cécile Dubarry	Memset	Kate Craig-Wood
The Netherlands	Dion Kotteman	Norway	Katarina de Brisis
Poland	Andrzej Rękowski	SAP	Jim Hagemann-Snabe
Software AG	Karl-Heinz Streibich	Spain	Aitor Cubo Contreras
Telefonica Digital	Stephen Shurrock		Léo Apotheker



## Cloud needs vary

Requirement Sector / use case	Data protection	Intellectual property rights	Confidential information	Outdated legacy laws	Information security concerns	Supervision and inspection	National sovereignty	National security	Jurisdiction enforceability	Procurement rules
Public sector in general	✓		✓	✓	✓	✓	✓	✓	✓	✓
Taxation and social security	✓		✓		✓	✓	✓	✓	✓	
Health care and legal services	✓		✓		✓	✓		✓	✓	
Media and entertainment		✓		✓						
Financial services	✓		✓	✓	✓	✓		✓	✓	
National archiving	✓						✓		✓	
Manufacturing / consumer goods		✓			✓					






## Cloud-for-Europe

<http://www.cloudforeurope.eu/>





**PREPARE PUBLIC SECTOR FOR PROCURING SECURE,  
RELIABLE, COST-EFFECTIVE CC SERVICES, AND  
AVOIDING LOCK-IN.**


- **Funded thru RTD programme.**
- **Umbrella initiative: adding to and building on national initiatives – best of breed.**
- **Inclusive: vehicle for getting a wide range of interested countries on-board through consultation, dissemination, awareness raising and training.**
- **Cooperation public sector-industry through pre-commercial procurement.**

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## Workshop cloud uptake in the public sector

 CITIES	 SCIENCE
 CULTURE	 TRANSPORT
 EDUCATION	 eGOVERNMENT
 EMPLOYMENT	DG CONNECT, Software and Services, Cloud; 20 May 2014 <a href="https://ec.europa.eu/digital-agenda/en/news/cloud-computing-uptake-public-sector">https://ec.europa.eu/digital-agenda/en/news/cloud-computing-uptake-public-sector</a>



**Horizon 2020, WP2014-15**

**Topic ICT 8 – 2015:  
Boosting public sector  
productivity and innovation  
through cloud computing  
services**

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**ICT 8: BOOSTING PUBLIC SECTOR PRODUCTIVITY AND  
INNOVATION THROUGH CLOUD COMPUTING SERVICES**

Specific Challenge

The official WP text is  
the only legally valid text

- **Potential benefits** of cloud computing for public sector  
[*IT cost reduction, increased flexibility, new services*];
- **Barriers**: procurement, trust, standards, legal terms, lock-in risk  
▸ competitive, secure, reliable and integrated cloud services;
- **Readiness** for operational cloud **uptake**;
- Cloud services in **wide sense**.

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**ICT 8: BOOSTING PUBLIC SECTOR PRODUCTIVITY AND INNOVATION THROUGH CLOUD COMPUTING SERVICES**


**Scope**

The official WP text is the only legally valid text

**ICT8.a. Pre-commercial procurement for public sector cloud computing services (PCP).**  
What: common requirements and terms of reference for future procurement of cloud computing services;  
Indicative funding budget: 9 M€

**ICT8.b. Public procurement of innovative cloud computing solutions (PPI).**  
What: joint procurement of innovative cloud services;  
Indicative funding budget: 13 M€

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**Expected impact**

- Increased **smart adoption** of cloud computing services;
- Public sector in wide sense, *such as culture, businesses, tourism, education, health care, cross-border*;
- Improved quality of service;
- Improved cost-effectiveness;
- Benchmarking of claimed impacts.

**Planned dates (check for changes)**

- **publication call:** 15 October 2014
- **closing call:** 14 April 2015

Detailed info (incl. instruments PCP, PPI) in Workprogram  
[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014\\_2015/main/h2020-wp1415-leit\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-leit_en.pdf)

ICT Proposers' day: <http://ec.europa.eu/digital-agenda/en/practical-information-ict-proposers-day-2014>





European  
Commission

## Cloud Uptake for Public Sector Innovation



ICT8  
2015

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