



**A European cloud observatory supporting
cloud policies, standard profiles and services**

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Driving the uptake of cloud in Europe

**The cloud way is the smart way.....
.....but it needs to be secure, fair and interoperable.**



**Accelerating and increase
the use of cloud computing
across the public and private
sectors in Europe**

**Supporting international
efforts on interoperability
and portability**

Multi stakeholder dialogue to increase commitment

Transparency

Openness

Compliance

CloudWATCH Outputs



Sustainable CloudWatchHUB.eu

promoting smart cloud services, skills and standards



Legal Information and Tips and Socio-Economic Analyses



Enterprises – ICT & trade associations – R&D initiatives – govt. & public authorities
Community Engagement: Research & educational institutions – standards groups – policy bodies & makers



Use Case Portfolio – enterprise, government, research



Common Standard Profile Delivery



→ Standard Development Organisations

→ Software deployed in the test bed



Certification Recommendations



Dissemination, outreach & online forums

Concertation Meetings, Business
Events, Government and Public
Sector Events, Technical Events

2 Use Case Workshops

6 Profiling & Test Cases Workshops

Our Partnership - Our Network



Consortium Network (chapters, subsidiaries & ICT associations)



DIGITAL EUROPE members represent 10 000 companies employing 2 million citizens and generating EUR 1 trillion in revenue.



Standards groups, research, government, enterprise and media



EU Privacy council & Legal expertise in 15 countries worldwide



User base: 22,000 in 50 countries; national government & funding agencies in 30 EU countries.



400+ collaborative partnerships with HE and research 150 partnerships with



Large German public administration network, BITKOM, SIBB & German Trusted Cloud



140 Members, 12 EU Chapters, 60 global chapters



80 Corporate members, 10,000 companies and Cloud Council

Building on support

European Research



Architect of an Open World



Microsoft



Asociația Producătorilor
și Distribuitorilor
de echipamente de
Tehnologie Informațională
și Comunicărilor



Alcatel-Lucent



Knowledge
Transfer
Network



HM Government



New Zealand Government

Enterprise



Government

Raising awareness
of cloud computing
& best practices for
eScience, Industry
& SMEs &
government and
serving as
CloudWATCH
Champions

Standards Initiatives



Open Source Communities



Setting out the right way

Insights from thought-leaders

Strong support

Wide community

Benefits

Best practices

Big issues

Standardisation group or enhance

◆ Examples

- ◆ WS-I Basic Profile 1.1 – WSDL based Web Services interoperability
- ◆ WSRF Basic Profile 1.0 – WSRF based Grid service interoperability
- ◆ HPC Basic Profile 1.0 – HPC profile on Service interoperability and Compute management

◆ Scope & Structure

- ◆ Group one or more related standards into one bundle
- ◆ Moving away from generic use cases to support specific use cases only
- ◆ Reduce or strengthen scope of normative statements
 - ◆ e.g. turn “MAY” into “MUST”; turn “SHOULD NOT” into “MUST NOT” normative terms
- ◆ Exploit extension points in normative standards
 - ◆ e.g. mandate new or existing extensions in specific version

Profile strategy

- ◆ Many profile on one standard each
 - ◆ Sharp scope, easy to implement, quick results
 - ◆ Individual, not coordinated
- ◆ One profile on many standards
 - ◆ Large scope, all-or-nothing implementation
 - ◆ Coordinated, across cloud services
- ◆ Profile on profiles
 - ◆ Allows starting small, separation of work
 - ◆ Coordination & inclusion through “super profile”

CloudWatch profile portfolio

- ◆ Profiles encode per se use cases
 - ◆ Targeted sectors likely to require more!
 - ◆ Define one profile for each sector
 - ◆ Small, modularised profiles can be reused
- ◆ Large “super profiles” for each community?
 - ◆ Cloud Computing for eScience
 - ◆ Cloud Computing for enterprise
 - ◆ Cloud Computing for eGovernment

PEST profiles

Each should cover the four aspects

◆ **P**OLITICAL

- ◆ E.g. Privacy, security

◆ **E**CONOMIC

- ◆ E.g. SLAs, Billing, Licensing

◆ **S**OCIAL

- ◆ E.g. (Data) Sharing, Data provenance, Open Data

◆ **T**ECHNICAL

- ◆ E.g. OCCl, Federated AAI, CDMI, Accounting

Impact

- ◆ Profiles remove ambiguities in standards
- ◆ Profiles encode per se use cases
- ◆ Educates others (“How did they do that?”)
- ◆ Promotes adoption of standards
- ◆ Define & develop the foundation of a public dashboard
 - ◆ “Marketplace of implementations”
 - ◆ Educates and informs policy makers

Certification Recommendations

Develop the specifications for an **online compliance service**, enabling providers and consumers to test services, tools and technologies against **specified open standards**. Foster confidence of public and private sector users leveraging open standards based interoperable services. Define a **business model to support the sustainability of the service**.

Currently 4255 jobs Duis mollis, est non commodo luctus, nisi erat porttitor ligula.

European Cloud Observatory
The EU Cloud Hub - promoting innovation and skills

Home | News | Services | Cloud Jobs | Cloud Outlook | Events | Cloud Training | Blog | Media Room | CloudWATCH EU Project

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Banner space for industry & academia

All you need to know before moving to the Cloud

European Cloud Services & Cost Benefits
Ei est nisl nobis definiebas, eam an liberavisse voluptatibus... An vel fabellas euripidis, ex sed malis torquatos. Viddit splendide consequat no nam, autem

Guidelines & Checklists

- Security, Trust & Privacy
- Legal Issues & Regulations
- Cloud service provider directory
- Case Studies & Benefits

Jobs in the Cloud

Cloud Job #1
Ei est nisl nobis definiebas, eam an liberavisse voluptatibus....

Cloud Job #2
Ei est nisl nobis definiebas, eam an liberavisse voluptatibus.

What the experts say

Jean-Pierre Laisne, CompatibleOne
Nemore consulu

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Search

Keyword: (Ex.: bio*, biology, math*, mathematics) **SEARCH**

Date - Unlimited All categories

All regions All positions

Microsoft Academic Search

TOP RECRUITERS
SHOWCASE SUCCESS STORIES

Cloud Outlook - All the latest on Research & Adoption

Big Data & Analytics in the Cloud

Cloud Framework & Technologies

Cloud Standards & Common Standard Profiles

Interoperability Testing

Mobile in the Cloud

Open Data in the Cloud

Big data storage on the cloud
Ea has viderer deterruisset interpretaris, te sea solet dignissim. Per alia stet nobis ad. Cu quo posse postea mentitum, no nec laudem

Open data in the cloud
Ea has viderer deterruisset interpretaris, te sea solet dignissim. Per alia stet nobis ad. Cu quo posse postea mentitum, no nec laudem

Data management in the Cloud
Ea has viderer deterruisset interpretaris, te sea solet dignissim. Per alia stet nobis ad. Cu quo posse postea mentitum, no nec laudem

EUDAT and big data
Ei est nisl nobis definiebas, eam an liberavisse voluptatibus. Nemore consulu disputando ea pro, in postea nostrum gubergren eum.....

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Cloud Observatory
Mi piace 10.383

Cloud Observatory
[Sciences du vivant]

Du pelage rayé du zèbre aux ailes colorées des papillons en

Plug-in sociale di Facebook

Partners

Latest Poll
Survey - Which of these companies would you most like to work for?

VIEW RESULTS **PREVIEWS POLL**

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The European Cloud Observatory

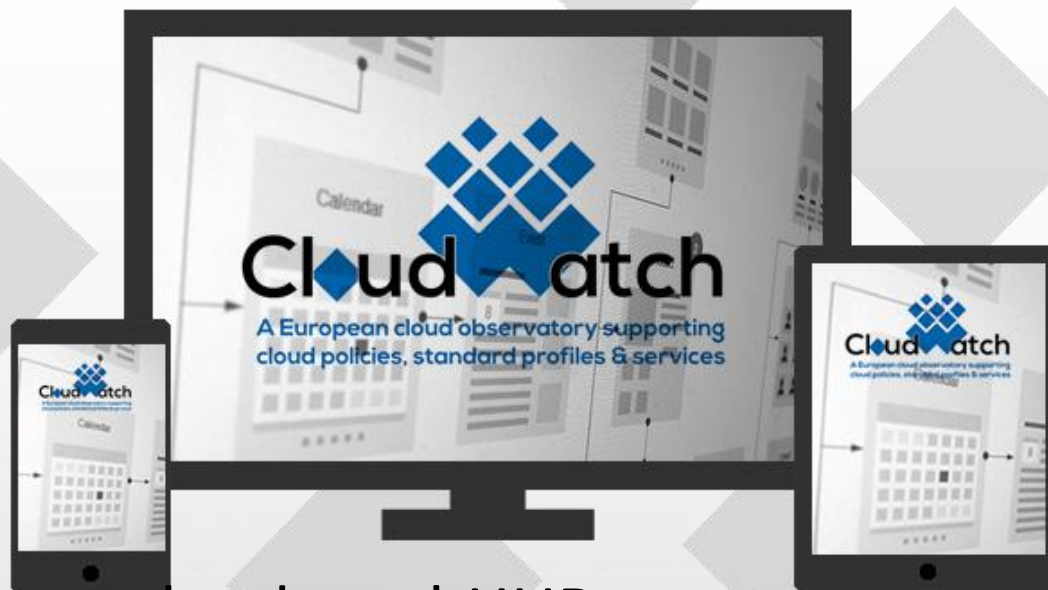
- ◆ The EU Cloud Hub – Promoting Innovation & Skills – Avoiding "Cloud Fatigue" for potential adopters who want to see the benefits and understand the real risks of cloud (Forbes, April 2013)
- ◆ Cloud adoption advice for SMEs
 - ◆ Guidelines and checklists
 - ◆ Mitigating risk: trust, legal & security
 - ◆ Case studies & Cost benefits etc.
- ◆ Research & adoption trends & breakthroughs
 - ◆ Cloud standards & interoperability
 - ◆ Interoperability testing etc.
- ◆ The big skills gap - Jobs in Cloud computing
 - ◆ Job search & database
 - ◆ Partnerships & sponsorships with
- ◆ Collaboration & networking
 - ◆ Promoting synergies & knowledge exchange
- ◆ Partnership & Sponsorship opportunities
 - ◆ Banner & advertorial areas

Job search facilities & related partnerships

Framework Programme 7

10994

Tell us about what you're doing in the cloud



◆ www.cloudwatchHUB.eu



◆ <https://twitter.com/CloudWatchHub>



◆ <http://linkd.in/1eLoBjl>

◆ info@cloudwatchhub.eu



Funded by the European Commission
Framework Programme 7
DG Connect
Software & Services, Cloud

Project Type:
Coordination &
Support Action

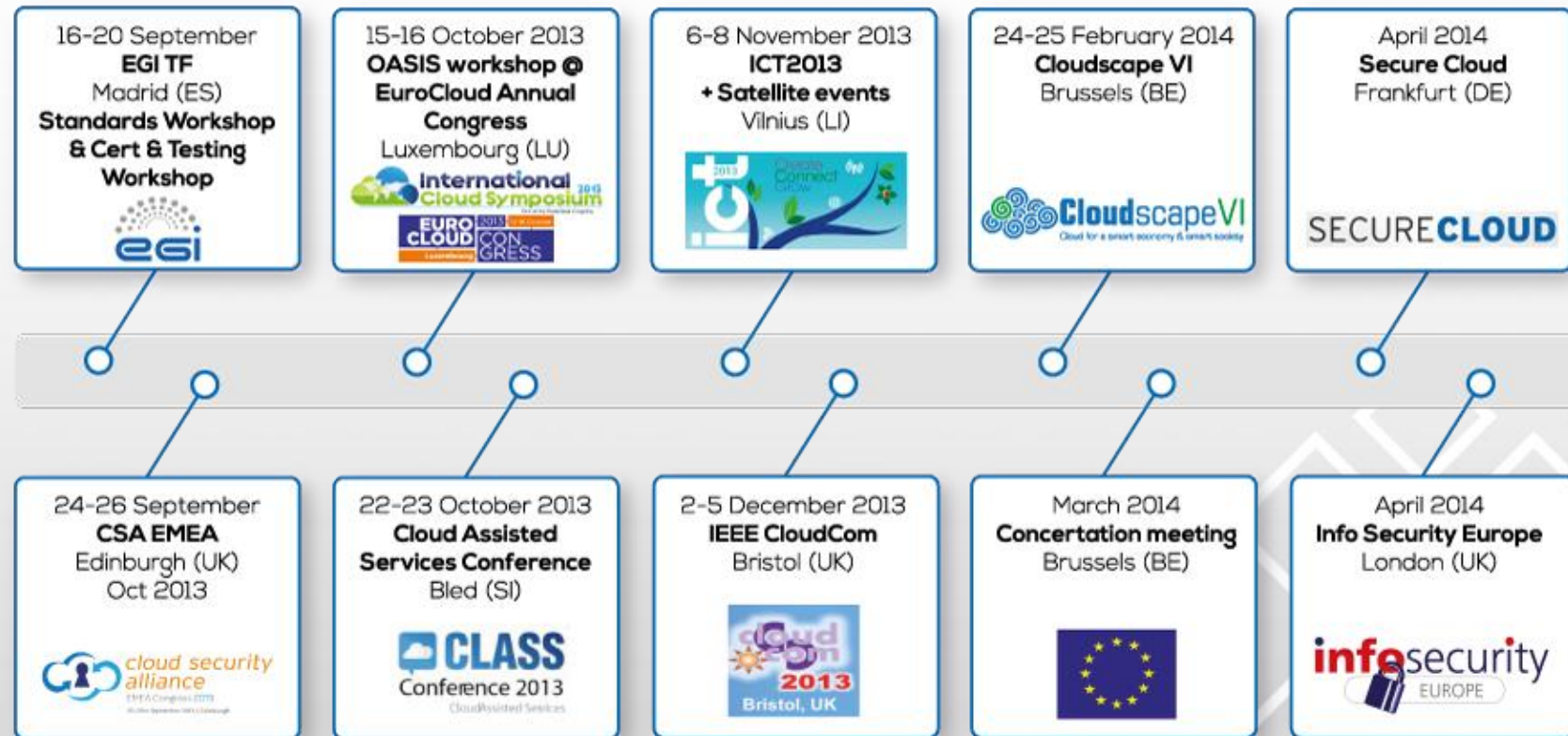
24 Months
1 September 2013 -
31 August 2015

Contract No. 610994



Meet us at...

Where we'll be in the next six months



Supporting and promoting European R&D cloud initiatives through 3 Concertation meetings

