



The EGI Federated Cloud, using standards to create a fair and open European Cloud marketplace

David Wallom Chair, EGI Federated Cloud





From Pilot to Production

Objectives:

- Identify and investigate the capabilities needed to federate clouds
 - Be technology and provider agnostic
 - Promote adoption of documented open standard interfaces
 - Establish best practices and document
 - Investigate available business models & Service Level Descriptions
- Identify the technical solutions, deploy proof of concepts in a preproduction testbed, test the solutions with real use cases
 - Integrate the cloud services with the EGI core platform

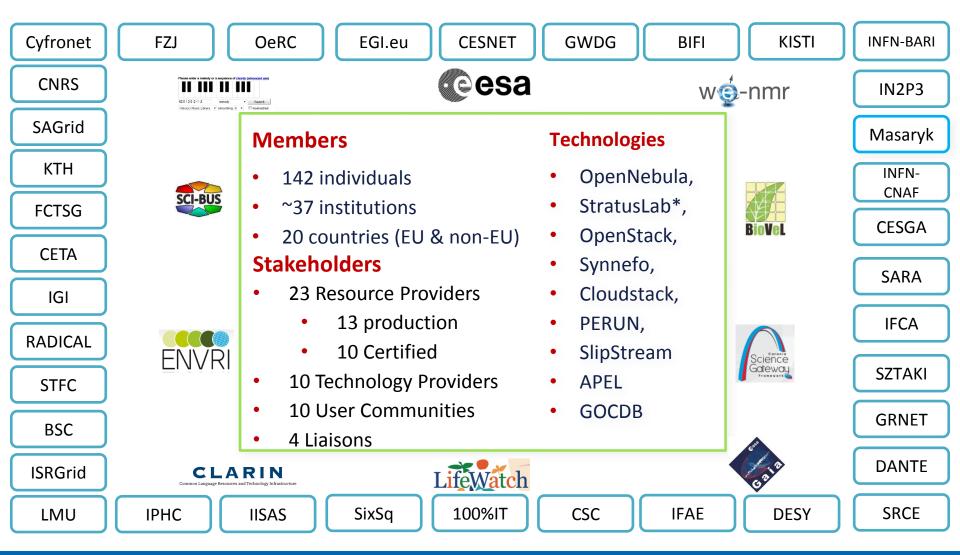
Capabilities

- 1. Manage VM instances
- 2. Data access/transfer interface
- 3. Cloud service information federation
- 4. Resource consumption management
- 5. Cloud service availability

- 6. Notification & Automation
- 7. Federated AAI
- 8. VM Image Management
- 9. Brokering
- 10.Contextualisation
- 11.SLA & Business Models

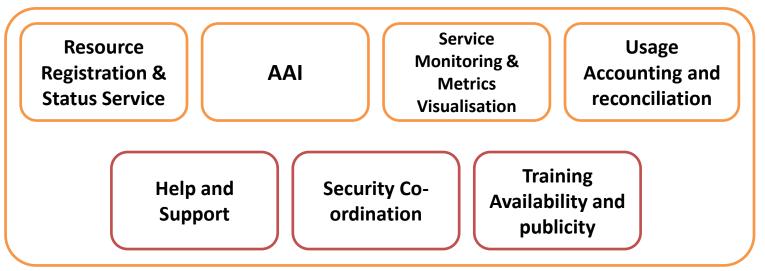


Participation – Feb 2014





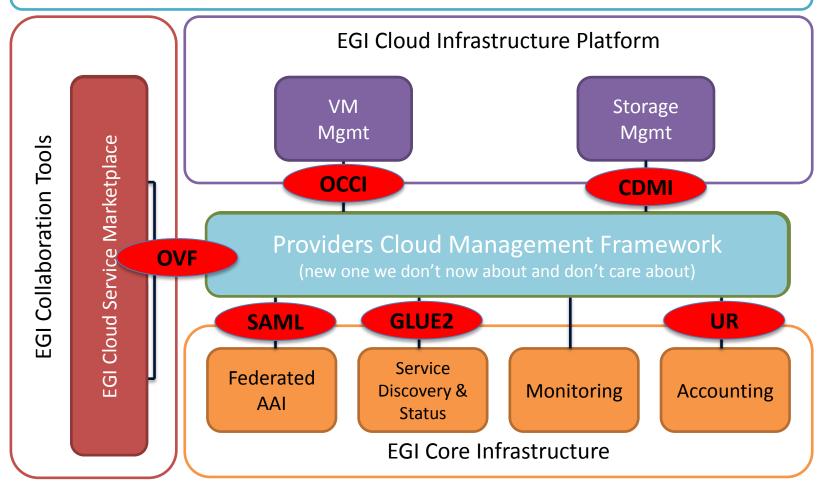
Services that federate and integrate any user facing functional service deployed in **production**



For e-Infrastructures & Research Infrastructures



Enabling an open ecosystem of services





EGI Vision

To support the digital European Research Area through a pan-European research infrastructure based on an open federation of reliable services that provide uniform access to computing and data resources provided by the public and private sector.

EGI federated Cloud capability vision 10M cores Cloud compute 1 EB Cloud storage

- Paving the way for a federated cloud in Europe
 - Established best practice
 - Open standards, open technology
 - Open membership, open processes
 - Open competition
 - Full production, May 2014



Thank you!

Questions?