

Building Blocks for the e-Infrastructure Commons

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History

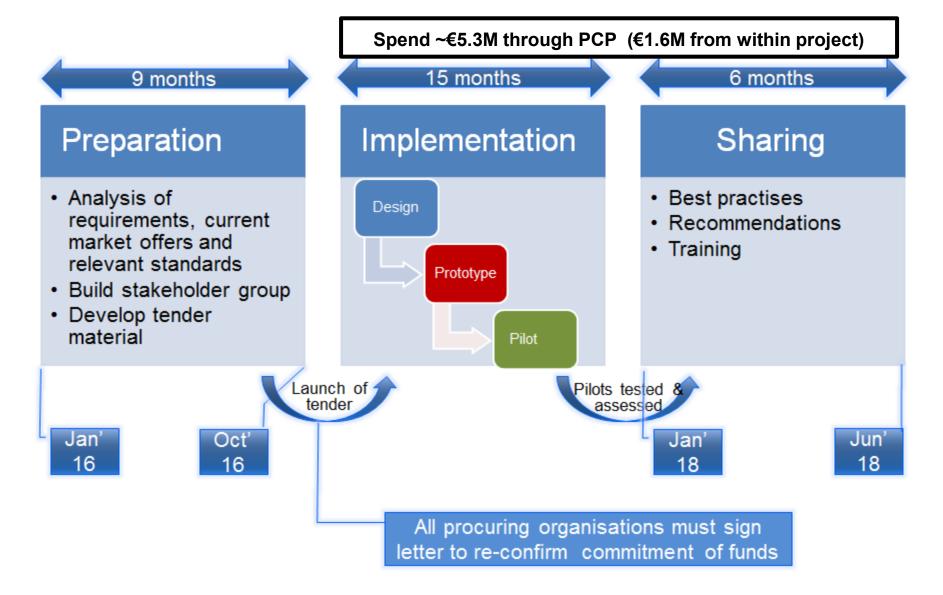
- Strategic plan for scientific cloud computing (2011)
- Initial flagship applications from CERN, EMBL & ESA
- Adoption of a hybrid cloud model
 - In-house resources
 - Commercial cloud service providers
 - Public funded e-infrastructures
- Tackling European-scale issues
 - Technical, financial, procurement, legal and governance

The European cloud public-private partnership





HNSciCloud Project





7th Helix Nebula General Assembly

- •Cloud computing services to support innovation and open science
 - •EMBL, Heidelberg on 19-21 January 2016: <u>https://indico.cern.ch/e/HNI_GA7</u>
- European Open Science Cloud
 - •Open sessions 20 January 2016 & smaller group meetings the following day
 - •Converge on a cloud computing model for open science
- Key stakeholders
 - Research infrastructures and their user communities
 - •Researchers in the long-tail of science
 - •Researchers from the public and private sectors
 - •3rd Party value chains
 - Service providers
 - Funding agencies



Integrated Cloud Services

- e-infrastructure Commons
 - Commercial cloud providers able to serve researchers over GEANT
 - Rationalised and integrated services
- European Open Science Cloud
 - Build on e-Infrastructure Commons
 - Commercial cloud providers for different SLAs
 - Services that enable Open Science

Services for Open Science

e-Infrastructure Commons Commercial Cloud Services