

Preparation for the Workshop
“**EGI towards H2020**”

NGI_IBERGRID

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- Strategic roadmap under discussion ...
 - Following items may be changed or removed
 - New items may appear in the future

- Collaboration with new user communities
 - CSIC-IFCA is the ICT LIFEWATCH coordinator
 - Transparent access to multiple kinds of resources and services: DBs, Monitoring, Supercomputers ...
 - PT Roadmap for infrastructures (submitted)
 - Opportunity to integrate governmental frameworks
- Storage & services for persistent data
 - IRODS and IRODS SRM integration
 - HADOOP / MapReduce
 - Data preservation (data analysis reproducibility)

- Cloud computing
 - Plan to expand participation in projects / initiatives driven by cloud technology
 - Focus on contextualization, grid interoperability and accounting integration
 - Capitalize the past investments: EGI Cloud TF, IBERCLOUD, ...
- Build a pay per use federation
 - Developing model to provide access to IBERIAN SMEs

Provide a flexible virtual research environment

- Provisioning of VRE and other portals and interfaces for easy access to the resources
 - Expand and mature IBERCLOUD
 - DIRAC to provide transparent access to resources: Grid, Cloud, HPC, direct LRMS submissions ...

- Development of AAI infrastructure or solutions
 - Not clear what the future will bring ...
 - Will depend on emerging requirements

- Creation of NGI centre of excellence:
 - Accumulated expertise in the following areas
 - application porting in life sciences, engineering...
 - Infrastructure performance, integration and interoperability
 - Green computing solutions