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The conclusions and recommendations from the workshop in Lisbon as prepared by Carlos Morais Pires

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- Europe reached a very good maturity in terms of e-Infrastructures. One can see tangible developments in pan-European 'production-quality' settings like those of GEANT for high-speed communication and of EGEE for open Grid-computing.
- In advanced networking GEANT keeps its role of providing top-level connectivity to the European Research and Educational environments and is getting ready to catalyse work in experimenting towards the 'Future Internet'.
- Europe continues to advance steadily in Grid platforms with the EGEE project providing the 'spin' to different initiatives in the area, hoping that more and more scientific user communities adhere and build on the capacities offered to modern research.
- Regional initiatives (like the one presented on the co-operation at Iberian level of grid infrastructures) represent very interesting bottom-up approaches to target very concrete needs of well identified user communities.
- However, there is a common point of concern related with the medium to long-term sustainability of European e-infrastructures which depend on the ability to get user-communities involvement. These user-communities need to take a more active role in adopting them and trigger the paradigm shift in the organisation of research.
- It was important to note that the good level of maturity of the above mentioned e-Infrastructures is not hampering new challenges put forward in key areas like Scientific Data Repositories and High Performance Computing.
- Scientific Repositories are a 'new' challenge in the e-Infrastructure landscape. The work on this area imply good co-ordination between the projects launched in FP7, institutional and regional initiatives and the policy making in terms of access, preservation etc. There are opportunities to involve relevant user-communities with relevant experience in dealing with high volumes of data. The work with the projects coming out of call 1 may help in designing a solid roadmap for European e-Infrastructures.
- High performance computing is starting the preparatory phase for the Peta-FLOP generation machine(s). This represents a very relevant investment and the strategic debate on how to develop it in parallel with the grids needs to continue to build synergies.
- Several 'impact assessment' studies were presented during the workshop. They address the area of (1) Scientific Digital Repositories (eSciDR),

(2) sustainability and potential for e-Infrastructures adoption beyond research (ERINA) and (3) the use of e-Infrastructures in the area of Humanities (AVROSS). These studies are very useful to provide clear pictures of Europe's strengths and weaknesses. They should provide input to help in decision making concerning the evolution of European e-Infrastructures. Moreover, these studies may help bringing more light in possible models for sustainability and need for gap-filling in terms of policy and/or investments.

- In the context of the above, groups like e-IRG and ESFRI are instrumental to have a sound reflection on policy and strategy for e-Infrastructures in Europe and provide feedback to priority-setting by Member States and in the FP7 Capacities programme.