



Enabling Grids for E-science

RedIRIS contribution

Xavier Jeannin

kick-off meeting(UREC) – Paris - 16 May 2008

www.eu-egee.org



- **"Assessment of the network needs for a Grid site"**
 - ensure that the applications network requirements are fulfilled. In order to achieve
 - assess the need for a site to join EGEE Grid
 - according to the type of site Tier 1, 2 and 3
 - according to the type of experiment computed in the site (Atlas, Alice, Biology the details list will be provided later, only a sample group of applications will be monitored).
- **RedIRIS will propose a list of metrics that will measure during this study (Round Trip Time, One Way Delay, One Way Delay Variation, Packet Loss ratio , Bandwidth Utilization or available Bandwidth)**

- **RedIRIS proposes to deployed perfSONAR in the Spanish, and possible, Portuguese, well-known LHC environment.**
- **The proposal includes to deploy perfSONAR infrastructure among all layers, choosing a representative site of each one, where more than one exists: RedIRIS network backbone, Tier 1 site (PIC institution in Barcelona), Tier 2 sites and Tier3 sites.**