

Evaluation Summary Report

Proposal : 026634
 Acronym : EUChinaGRID
 Program : FP6
 Call : FP6–2004–Infrastructures–6
 Instrument : SSA – Specific Support Action
 Duration : 24 months
 Activity : Consolidation –

EUChinaGRID

EUChinaGRID: Interconnection and Interoperability of Grids between Europe and China

Proposal submitted by :

N°	Proposer name	Country	Total cost (€)	%	Grant requested (€)	%
1	ISTITUTO NAZIONALE DI FISICA NUCLEARE	Italy	420,000	21.05	384,000	24.20
2	European Organization for Nuclear Research	Switzerland	320,000	16.04	289,000	18.22
3	Dipartimento di Biologia – Università di Roma Tre	Italy	170,000	8.52	153,000	9.64
4	Consortium GARR	Italy	270,000	13.53	247,000	15.57
5	Greek Research and Technology Network S.A.	Greece	100,000	5.01	90,000	5.67
6	Jagiellonian University – Medical College	Poland	165,000	8.27	148,500	9.36
7	Beihang University	China (People's Republic of)	120,000	6.02	60,000	3.78
8	Computer Network Information Center, Chinese Academy of Sciences	China (People's Republic of)	120,000	6.02	60,000	3.78
9	Institute of High Energy Physics, Chinese Academy of Sciences	China (People's Republic of)	120,000	6.02	60,000	3.78
10	Peking University	China (People's Republic of)	190,000	9.52	95,000	5.99
	Total		1,995,000	100%	1,586,500	100%

Abstract :

EUChinaGRID Project aims to interconnect the Grid infrastructure in Europe and China for the benefit of eScience applications. A second important goal will be the dissemination and training activity which will greatly improve the effectiveness of the Grid infrastructure for new applications and promote scientific and industrial developments. The main motivation of EUChinaGRID is to facilitate exchange and processing of scientific data with a pilot project that interconnects the most relevant Grid Infrastructures in Europe (EGEE) and in China (CNGrid). A limited sample of validating application used by existing collaborations between Europe and China has also been selected. Those research activities are involving intercontinental scientific communities that have strong requirements of analysis of large quantities of data and of huge amounts of computing power. The project will test since the beginning the pilot intercontinental infrastructure using the EGEE supported applications and will foster the migration of new applications on the Grid infrastructures in Europe and China training new user communities and deploying powerful grid tools and services. All the selected pilot applications, consequently, will: on one hand immediately profit of the new infrastructure, and on the other hand be the driving force to test and deploy an effective pilot grid infrastructure between Europe and

China.

Evaluation :

1.Relevance (<i>Threshold 4 /5 ; Weight 1</i>)	<i>Mark :</i>
The proposal will integrate Grid infrastructures in the EU and in China and this is entirely in line with the objectives of the call. It will help to create new interest groups for scientific collaboration. This will stimulate policies and support international collaboration.	5
2.Potential impact (<i>Threshold 3 /5 ; Weight 1</i>)	<i>Mark :</i>
The project will provide a much-needed link between the European and Chinese research infrastructures (EGEE and CNGrid) and will promote exchange of expertise between the EU and China. It will have a positive long term impact and it's found that a project of this strategic importance deserves EU support. There is a good dissemination plan and the project could lead to future activities (e.g INFN in Italy wishes to access the Chinese cosmic ray experiment in Yangbajing).	4.5
3.Quality of the support action (<i>Threshold 3 /5 ; Weight 1</i>)	<i>Mark :</i>
The overall objectives and the methodology are sound. The proposal identifies all major issues that need to be addressed in establishing the required connectivity. The proposers do not present a complete workplan for all aspects of the project. In particular, the training plan is not described in detail. Some training will be done in Europe and some in China but it is not clear how many sessions will take place in each region.	4
4.Quality of the management (<i>Threshold 3 /5 ; Weight 1</i>)	<i>Mark :</i>
The partners have the experience and expertise needed to carry out the project successfully. The management plan is well structured and the key roles are identified (although not the people who will fill them). The frequency of management meetings is not very clear (e.g. management board only meets twice a year and the project manager may need decisions from them more frequently). The risk management strategy should address the cultural differences between the EU and China.	4
5.Mobilisation of the resources (<i>Threshold 3 /5 ; Weight 1</i>)	<i>Mark :</i>
The proposers have mobilised the key players in China needed for the success of the project. The overall financial plan is good, but the training budget of almost 500 k€ needs to be reduced and explained in more detail. A reduction of at least 100 k€ can be applied by reducing the budget of INFN and CERN, given the training synergies possible to be established accross Grid training activities in multiple projects in which INFN and CERN are involved. The objectives of the proposal should be achieved with a contribution from the EC limited to 1.3 M€.	4
6.Overall remarks (<i>Threshold 17.5 /25</i>)	<i>TOTAL :</i>

<p>This is a strategically important project, which will integrate Grid infrastructures in the EU and China and help to create new interest groups for scientific collaboration. The current applications focus is on physics and should be broadened to other disciplines in the future.</p> <p>Chinese participation in this proposal is essential.</p> <p>There may be an opportunity for co-ordinating training activities with other projects.</p> <p>There may also be an opportunity for co-ordinating the IPv6 testing activities with those of other projects.</p> <p>It is recommended that the Commission services which deal with international relations and development are kept informed of the progress of this politically significant proposal.</p>	21.5
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Does this proposal have ethical issues that need further attention? <i>(If yes, complete next EIR field)</i>	N
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0=No score due to missing/incomplete information; 1=Poor; 2=Fair; 3=Good; 4=Very good; 5=Excellent (Half marks may be given)