

Access to Knowledge Through the Grid in a Mobile World –

Open Call for Testbed Provider



Call Announcement

ANNOUNCEMENT OF A COMPETITIVE CALL FOR AN ADDITIONAL PROJECT PARTNER

The following project, active in the EU Sixth Framework Programme for research, technological development and demonstration activities *contributing to the creation of the European research area and to innovation (2002-2006)*, requires the participation of a new partner to carry out certain project tasks.

Project information	
Project contract number	004293
Project acronym	Akogrimo
Project full name	Access to Knowledge Through the Grid in a Mobile World
Instrument type	Integrated Project

SIXTH FRAMEWORK PROGRAMME

PRIORITY IST-2002-2.3.1.18



Grid for complex problem solving

Summary of tasks requested

The Akogrimo Integrated Project is aiming at the integration of possibilities of modern mobile networks with advanced properties of so called 'Business Grids'. It is funded under the IST Strategic Objective "Grid for Complex Problem Solving" and is one of the major contributors to the definition of Next Generation Grids. The Akogrimo project will extend and adapt capabilities of beyond 3G networks for complex distributed applications based on Grid middleware and in the same way will extend existing Grid architectures solutions beyond current reference models such as the Open Grid Service Architecture (OGSA).

This Call concerns workpackages in the field of testbed definition, realisation, validation and also contribution to exploitation activities of the Akogrimo Integrated Project. The role of the existing two testbeds in the eHealth and eLearning domain is to drive through their requirements several activities within the project including business modelling and architecture definition. The realised testbeds will be a key element for the validation of the architecture and the developed middleware components. As the validation scenarios are expected to be one of the exploitable elements of the overall projects they will also contribute to the exploitation activities.

Specific attention will be given on how the proposed testbed will contribute to the elements mentioned above. Furthermore each proposal should clearly indicate the challenges addressed with respect to Knowledge Services, Mobility, Grids and should indicate the business relevance of the proposed scenario.

The Akogrimo consortium has already analysed potential application fields in the public available deliverable "Testbed description" which is available on the public web page of the project at <http://www.mobilegrids.org>. As part of this work the application domain of Disaster Handling and Crisis Management has been identified as a very promising area for Mobile Grids and proposal in this domain are especially encouraged to submit a proposal. Disaster Handling and Crisis Management is seen as particular interesting as these kind of applications are very complex, there is typical the problem of lack of control and information management as many actors are involved in the process. Such application can be characterized as follows:

- Large amount of information from a variety of sources is available which is incomplete, inconsistent or even wrong.
- There is a high time pressure
- Multiple several actors acting simultaneously that need collaboration in space and time to coordinate their actions and resources
- Often the regular processes for making decisions are insufficient or broken so a high level of adaptation is needed.
- Each actor will focus on solving short-term problems as observed from different standpoints.
- There is a high interest from external actors such as mass media (newspapers, TV, radio, etc)
- State of lawlessness hindering the overall operational work may occur

However there is no limitation to this domain and proposals from other application domains imposing similar requirements are welcome.

The following elements need to be addressed in order to meet the objectives of this call

1. The proposed scenario must clearly impose challenges on Knowledge Services, must benefit from Mobility aware networks and must show the relevance for Grids
2. There must be a visible benefit of the proposed scenario for the requirements definition and validation activity compared to the existing scenarios in the eHealth and eLearning domain
3. The business relevance of the scenario and potential contribution to the exploitation activities must be shown

4. The Akogrimo project is aiming at the provision of the middleware solution under open source. The implications of the proposed scenario with respect to IPR should be indicated and a list of existing applications to be used for the realisation of the testbed must contain the used licenses either in the Annex or in case of open source licenses the location in the Internet.

The contractor(s) to be selected under the present Call therefore will be joining an existing team in jointly executing the work. Assessment will be based on S&T excellence, quality of the proposer and mobilisation of resources.

Expected duration of participation in project	
From	To
09/2005 ¹	06/2007

Estimated costs and planned funding for the tasks	
Research costs:	€ 381.000 (FC, FCF), € 190.500 (AC)
Demonstration costs:	€ 170.000 (FC,FCF), € 59.500 (AC)
Training costs:	€0
Consortium management costs	€0
Total Cost (FC / FCF)	€ 551.000
Total Cost (AC)	€ 250.000
Total Commission funding available	€ 250.000

Important Submission Information	
Call Identifier	FP6-2005-IST-AKO
Language in which proposal should be submitted	English
Date of close of call	3 rd August 2005
Time of close of call	17h00 Brussels Time

Web address for further information (call webpage) – <http://www.mobilegrids.org/call>

For submitting a proposal go to:

https://www.epss-fp6.org/epss/welcome.jsp?CALL_ID=233&INSTRUMENT_ID=IP

Mail address for further information

(Project coordinator) – ajse@tid.es

(Project Manager) – wesner@hhrs.de

¹ Depends on the final date of call closure