

Adaptive Services Grid  
Integrated Project FP6-IST-004617  
www.asg-platform.org

## Press Release

"2<sup>nd</sup> ASG-Week – Towards an M6 Prototype"  
18 February 2005

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### 2<sup>nd</sup> ASG-Week – Towards an M6 Prototype

**The European-wide Integrated Project Adaptive Services Grid continued its Research and Development work during the 2<sup>nd</sup> ASG-Week in Innsbruck, Austria. Nearly sixty Scientists and Developers from 6 European countries and Australia presented and exchanged the up-to-date results of their work in order to enable successful development of future prototypes, especially the forthcoming M6.**

The 2<sup>nd</sup> ASG-Week acts as an instrument for intensive cooperation between involved partners as part of the EU integrated project Adaptive Services Grid (ASG). The ASG-Week took place in Innsbruck, Austria between the 31st January and 3rd February 2005.

The aim of the week was to present and exchange current Research & Development work from the ASG work components in order to identify synergies and overlaps between these components and to ensure conformity for future developments. The M6 deliverables process was verified with respect to the overall ASG development process which was adjusted in order to better suit all work component needs.

The ASG-Week, mainly characterized by R&D work within multi-component workshops, was focused on key topics such as ASG usage scenarios, the ASG architecture and the forthcoming M6 prototype.

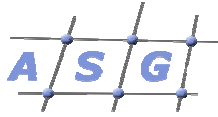
The usage scenarios have been detailed in the targeted domains of IT Enterprise, Telecommunication, Telematics and e-Government and, in addition steps towards a business model were also identified.

The architectural concepts have been refined and interfaces between the subsystems and components have been identified as well steps towards determining further subcomponents and parts that will be implemented in the first prototype at M6.

Furthermore, the ASG Testbed and development infrastructure, that has been set up by HPI in Potsdam, Germany, has been extended in order to allow development and test of software components by all partners using one platform. Alongside the presented physical infrastructure of the ASG Testbed, a version control system, the ASG build process and more development tools were introduced in order to support the future implementation and integration of subsystems.

Finally, steps towards M12 were discussed and fixed to ensure a successful achievement and delivery of this key milestone.

The next events for interested third parties and wider public community will be the planned ASG-PhD-Session at BIS-Conference Poznan April 2005, the 3<sup>rd</sup> ASG-Week in Tromso, Norway at July 11-16 and furthermore, an industry-oriented Workshop, that will be held as a separate track in one of the future conferences.



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## **Background Information:**

The goal of Adaptive Services Grid is to develop a proof-of-concept prototype of an open development platform for adaptive services discovery, creation, composition, and enactment. To achieve its goal, ASG addresses scientific and technological issues and makes use of the knowledge and expertise of major European research institutions with significant contributions from the software, telecommunications, and telematics industry. ASG provides the integration of its sub-projects in the context of an open platform, including tool development by small and medium sized enterprises.

Based on semantic specifications of requested services by service customers, ASG discovers appropriate services, composes complex processes and, if required, generates software to create new application services on demand. Subsequently, application services will be provided through the underlying computational grid infrastructure based on adaptive process enactment technology.

In ASG, methods and concepts from software architectures, software development methodologies, Web services composition and workflow process planning and coordination will be complemented by recent results in domain engineering, software generation and Semantic web and agent negotiation research.

Impact on a European level is supported by strong industry involvement – both with respect to platform development, deployment, and exploitation – in the areas of telecommunications and telematics. To this end, ASG makes a difference for the people in the European Community since it helps to bridge the gap between member states and important candidate states in the areas of telecommunications, telematics, and enterprise IT.