Successful experience in submitting FP6 Grid-related proposals

SIMDAT

Information Day on Grid Technologies
Brussels, 30.05.2005

Clemens-August Thole
Fraunhofer Institute SCAI
GRIDCOORD
Building the ERA in Grid research

Grid-based generic enabling application technologies to facilitate solution of industrial problems

SIMDAT

EU-driven Grid services architecture for business and industry
NextGRID

Mobile Grid architecture and services for dynamic virtual organisations
Akogrimo

European-wide virtual laboratory for longer term Grid research-creating the foundation for next generation Grids
CoreGRID

K-WF Grid
Knowledge based workflow & collaboration

UniGridS
Extended OGSA implementation based on UNICORE

HPC4U
Fault tolerance, dependability for Grid

infeliGRID
Semantic Grid based virtual organisations

OntoGrid
Knowledge Services for the semantic Grid

DataminingGrid
Datamining tools & services

Provenance
Trust and provenance for Grids

Specific support action
Integrated project
Network of excellence
Specific targeted research project
SIMDAT Facts

- IST Grid IP project
- 4 years
- Start date: September 1st, 2004
- 26 partners
- www.simdat.org
SIMDAT Objectives

• Develop federated versions of problem solving environments
  – Support of distributed product and process development
  – Test and enhance grid technology for access to distributed data bases
  – Tools for semantic transformation between these data bases
  – Grid support for knowledge discovery
• Promote defacto standards
• Raise awareness in important industrial sectors
Events

- **August 2002:** First Contact with industrial partners
  ENDAT Project expression of interest
- **November 2002:** Information days / Presentation of UNIT F2
- **January 29th/30th:** EU Workshop on Grid for Complex Problem Solving
- **April 2003:** FhG Workshop „Grids for Integrated Problem Solving Environments“
- **June 2003:** EU Information day on 'Grids for Complex Problem Solving'
- **October 15th, 2003** Submission on paper
- **November 19th, 2003** Invitation to Hearing
- **December 3rd, 2003** Hearing
- **End of April 2004** Agreed Annex I
- **End of July 2004** Signed contract between coordinator and EC
- **September 2004** Project Start
- **November 2004** Consortium Agreement
Information Days / Contact with Unit F2

• Workplan and call provides only very brief information

• Much more information is provided at information days
  – Size of budgets
  – Proposed project structure and technical focus
  – Projects, which are already going on
  – Other proposals

• Contact with Unit F2
  – Detailed discussions about project idea
  – Quite open up to 3 months before the project (information day)
  – No information afterwards
Three important messages for SIMDAT

- More than one application sector
  - Automotive, Aero, Pharma, Meteo

- Emphasis on generic grid technologies
  - 7 central technologies

- Include the complete value chain
  - Industrial end-users with small budgets
Comments on the consortium building phase

• Difficult complex procedure

• SIMDAT was known in the community

• Implementation of an objective by contacting appropriate partners

• Focus on coherent project structure and role of partners
  – Difficult to maintain
  – No compromises regarding countries and national balance
Proposal writing

- BSCW server for document handling
- Support by Fraunhofer administration
- 2 global meetings
- Weekly telephone conferences of a core team
- 3 persons wrote most of the proposal
  - Contributions by all partners
- Proposal: 190 pages
  (repititions resulting from the given structure)
- Internal review process:
  - Did we provide the answers for evaluation criteria?
Hearing

- 4 project representatives, 10 evaluators
- 8 questions to answer
  - Most on the impact of SIMDAT
  - Structure of the consortium
  - Management procedures and decision processes
  - Project fraction on generic technologies
- Additional questions posted by the evaluators (More technical)
- 3 of 4 IPs got funded
- No impact of national bodies
Implementation

• Budget for further application sectors was cut out

• Consortium Agreement took very long
  – We should have started right at Contract Negotiation or even before
  – Generated additional risks
  – Getting a memorandum of understanding signed at proposal phase failed.

• Problem: Mismatch of
  – 12 month reviewing period
  – 18 month detailed implementation plan