



Enabling Grids for E-science

EGEE-III Proposal Draft

**Summary of activity task definition, effort
breakdown and issues**

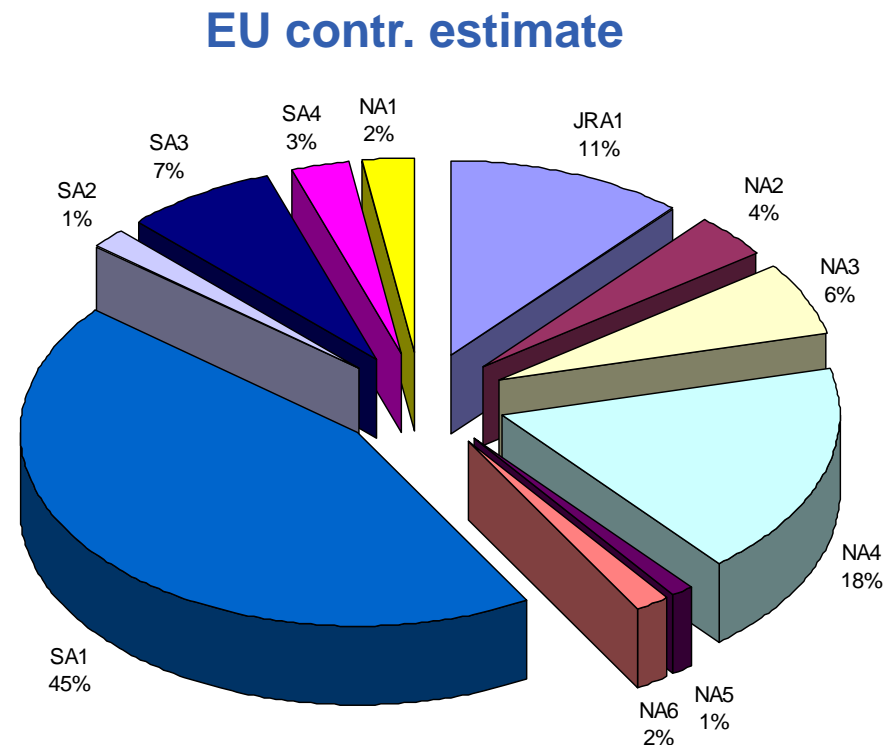
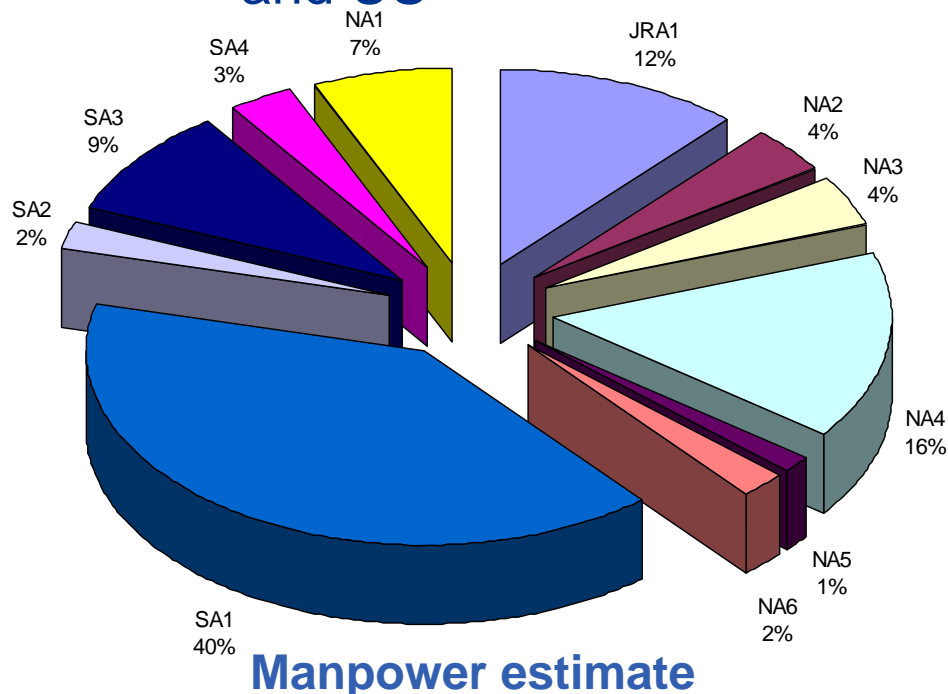
Activity Managers and Project Office

***EGEE-III PEB/PMB meeting, 6 July 2007
CERN***

www.eu-egee.org



- **Total estimated effort: 10.622 PMs**
- **Total bids received: 12.584 PMs**
 - Estimates and bids don't take Asian contribution into account
- **Estimated EU contribution: 46.6MEuro**
 - Does not yet include pots of money for NA2, NA4, NA6, Asia, and US



- **Lead Partner: CERN**
- **Total manpower estimate: 264 PMs (2%); 168 in EGEE-II**
- **Bids: 264 PMs; Simulation: 3.15MEuro (7%)**

Task number	Task Description	Effort (PMs)
TNA1.1	Activity management	84
TNA1.2	Project/ consortium management	72
TNA1.3	Technical management	48
TNA1.4	Quality coordination	24
TNA1.5	Security coordination	24
TNA1.6	Event organisation	12

- **Observations**
 - Already at 7% limit (but overall budget will need to go down)
 - PMB representation not counted
 - Need to discuss size in view of Security and QA head as well as PMB contributions to NA1

- **Lead Partner: CERN**
- **Total manpower estimate: 384 PMs (4%); 532 in EGEE-II**
- **Bids: 575 PMs; Simulation: 1.75MEuro (4%)**

Task number	Task Description	Effort (PMs)
TNA2.1	Management and admin	48
TNA2.2	Web pages and design	48
TNA2.3	Project material and publications	48
TNA2.4	Media and public relations	48
TNA2.5	Marketing to new users	48
TNA2.6	Regional effort	24*6=144

- **Observations**
 - 400.000 Euro requested for conferences, materials, video etc.

- **Lead Partner: UEDIN**
- **Total manpower estimate: 648 PMs (6%); 738 in EGEE-II**
- **Bids: 737 PMs; Simulation: 1.94MEuro (4%)**

Task number	Task Description	Effort (PMs)
TNA3.1	Management and partner coordination (central and regional)	120
TNA3.2	Course creation, delivery and organisation	348
TNA3.3	E-learning development and maintenance	120
TNA3.4	Translation of training material	24
TNA3.5	Training quality assurance	12
TNA3.6	General project tasks	24

- **Observations**
 - Communication with partners has room for improvements

- **Lead Partner: CNRS**
- **Total manpower estimate: 1900 PMs (18%); 1861 in EGEE-II**
- **Bids: 2759 PMs; Simulation 7.3MEuro (16%)**

Task number	Task Description	Effort (PMs)
TNA4.1	Activity management	84 Central 288 Regional
TNA4.2	Support	72 VO management 240 Appln Porting 168 Direct Support
TNA4.3	Community building	48 (liaison with FUSION) 142K euro non-personnel
TNA4.4	Application strategic services	HEP 288 Life Science 212 Earth Science 144 Comp Chem 144 Astro 120 GO 92

- **Total manpower estimate: 1900 PMs (18%); 1861 in EGEE-II**
- **Bids: 2759 PMs; 7.3MEuro (16%)**
- **Observations**
 - 142KEuro requested for community building
 - Direct user support needs a champion
 - Developments planned in application clusters need TMB approval

- **Lead Partner: GRNET**
- **Total manpower estimate: 103 PMs (1%); 138 in EGEE-II**
- **Bids: 751 PMs; Simulation 0.54MEuro (1%)**

Task number	Task Description	Effort (PMs)
TNA5.1	Support policy work of e-IRG	38
TNA5.2	Establish links with other projects and initiatives	27
TNA5.3	Monitor EGEE contributions to standardisation	14
TNA5.4	General project tasks	24

- **Lead Partner: Datamat**
- **Total manpower estimate: 183 PMs (2%); n/a in EGEE-II**
- **Bids: 188 PMs; Simulation 1.05MEuro (2%)**

Task/subtask number	Task Description	Effort (PMs)
TNA6.1	Activity coordination	14
TNA6.2	Technology transfer	15
TNA6.3	Dissemination and outreach	43
TNA6.4	Analysis and prototyping	90
TNA6.5	Business user support	21

- **Observations**
 - Cost of commercial partners
 - 96.000 Euro for events and material
 - TUM contribution (SLA) needs to be linked better into vertical efforts

- **Lead Partner: CERN**
- **Total manpower estimate: 4700 PMs (44%); 5340 in EGEE-II**
- **Bids: 5102 PMs; Simulation 18.7MEuro (40%)**

Task number	Task Description	Effort (PMs)
SA1.1	Grid management	1275
SA1.2	Grid ops and support	2117
SA1.3	VO,user,appln support	864
SA1.4	Security	300
SA1.5	General tasks	144

- Total manpower estimate: 4700 PMs (44%); 5340 in EGEE-II
- Bids: 5102 PMs; Simulation 18.7MEuro (40%)

Federation	Activity Estimate (PMs)	Bid (PMs)	Deviation (PM)
CERN	420	420	0
UKI	506	513	7
France	498	624	126
Italy	552	600	48
DECH	460	456	-4
Nordic	200	216	16
Benelux	220	228	8
SWE	444	452	8
SEE	508	681	173
Central Europe	444	463.5	19.5
Russia	448	448	0

- **Lead Partner: CNRS**
- **Total manpower estimate: 156 PMs (1%); 160 in EGEE-II**
- **Bids: 246 PMs; Simulation 1.01MEuro (2%)**

Task number	Task Description	Effort (PMs)
SA2.1	ENOC running	48
SA2.2	ENOC support	48
SA2.3	Overall networking coordination	36
SA2.4	Activity management	12
SA2.5	General tasks	12

- **Observations**
 - Network monitoring work needs better definition and maybe extra effort
 - Clarification of work program of NRENs

- **Lead Partner: CERN**
- **Total manpower estimate: 784 PMs (7%); 725 in EGEE-II**
- **Bids: 884 PMs; Simulation 4.27MEuro (9%)**

Task number	Task Description	Effort (PMs)
SA3.1	Integration, packaging, configuration	134
SA3.2	Testing and certification	289
SA3.3	Debugging, analysis and support	174
SA3.4	Interoperation	93
SA3.5	General tasks	94

- **Lead Partner: INFN**
- **Total manpower estimate: 288 PMs (3%); n/a in EGEE-II**
- **Bids: 423 PMs; Simulation 1.38 MEuro (3%)**

Task number	Task Description	Effort (PMs)
SA4.1	Activity management	24
SA4.2	T-infrastructure set-up	72
SA4.3	Grid operations	168
SA4.4	User support	24

- **Observations**

- Relations to production infrastructure (ROCs) need to be defined
- No production quality t-Infrastructure with less than 400 PM
- With 288 PMs production quality t-Infrastructure only for a limited number of training events per year (in the order of 20)

- **Lead Partner: INFN**
- **Total manpower estimate: 1212 PMs (11%); 1272 in EGEE-II (1212 after amendment)**
- **Bids: 1296 PMs; Simulation 5.5 MEuro (12%)**

Task number	Task Description	Effort (PMs)
TJRA1.1	Middleware support	669
TJRA1.2	R&D and standardisation	339
TJRA1.3	Platform support and interoperability	132
TJRA1.4	Coordination and overhead	72

- **Total manpower estimate: 1212 PMs (12%); 1272 in EGEE-II (1212 after amendment)**
- **Bids: 1296 PMs; Simulation 5.5 MEuro (12%)**

Effort per area	Effort (PMs)
Security	339
Information System	60
Monitoring and Accounting	54
Compute Element	138
Storage Element	84
Job Services	246
Data Mgmt Services	123
Bug and ticket front-end	24
Preview testbed	72
Coordination	72

- **Observations**

- Effort identical to what was in EGEE-II

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