



Enabling Grids for E-scienceE

# EGEE-III proposal preparation

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(INFN and CERN)*

[www.eu-egee.org](http://www.eu-egee.org)  
[www.glite.org](http://www.glite.org)



- **NA1 – Management**
  - Include Quality Head and Security Coordinator from former JRA2
  - Include event mgmt (continuity, sponsoring, etc. from NA2)
- **NA2 – Dissemination**
  - Events moved to NA1
  - Business support moved to NA6
- **NA3 – Training**
  - t-Infrastructure moved to SA4
- **NA4 – Applications**
  - Focus on generic support plus 6 application clusters
- **NA5 – Policies and International relations**
- **NA6 – Business - NEW**
  - Strengthen efforts that were under NA2 in EGEE-II
- **SA1 – Operations**
- **SA2 – Networking support**
- **SA3 – Integration, testing, certification**
  - Close links with JRA1 via common partners
- **SA4 – Training infrastructure - NEW**
  - Better structure efforts that were split between NA3 and NA4 in EGEE-II
  - Provide testbed to new applications if needed
  - Provide testbed for business activity
- **JRA1 – Middleware**
  - Close links with SA3 via common partners
- **JRA2 – Quality Assurance DISCONTINUED**
  - QA head and security coordinator moved to NA1

## TJRA1.1

*Middleware support*

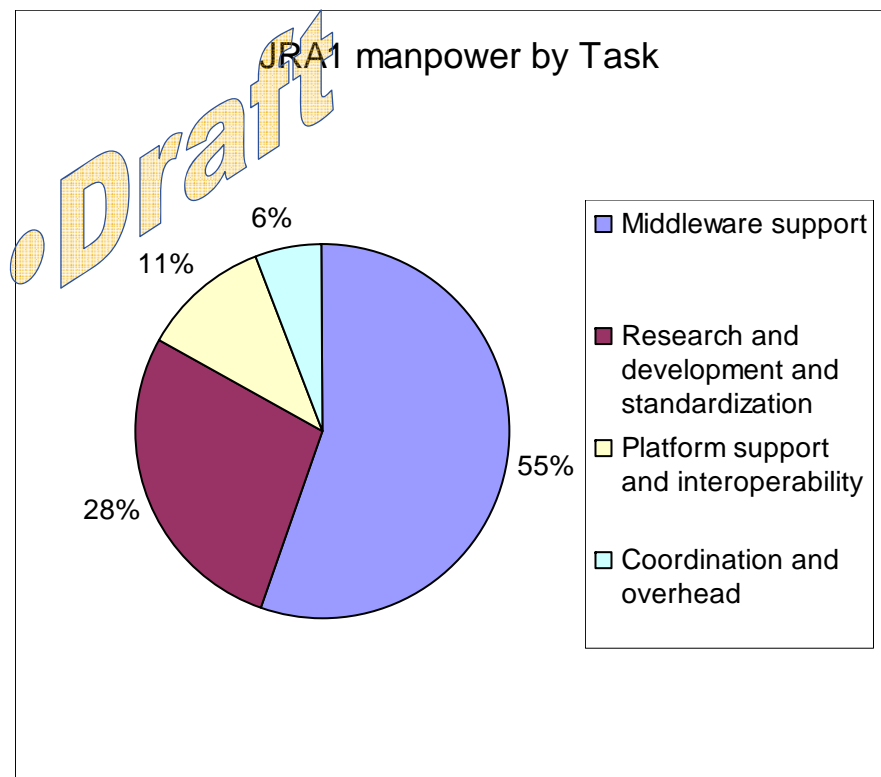
## TJRA1.2

*R&D and standardization*

## TJRA1.3

*Platform support and interoperability*

- **Focus is on support**
- **Strong collaboration with SA3**
  - The partners of JRA1 should have a component in SA3 for integration and certification of the components they develop
- **Current total estimate: 1212 PM (50.5 FTEs )**
  - as in EGEE-II



- Focus is on Grid foundation

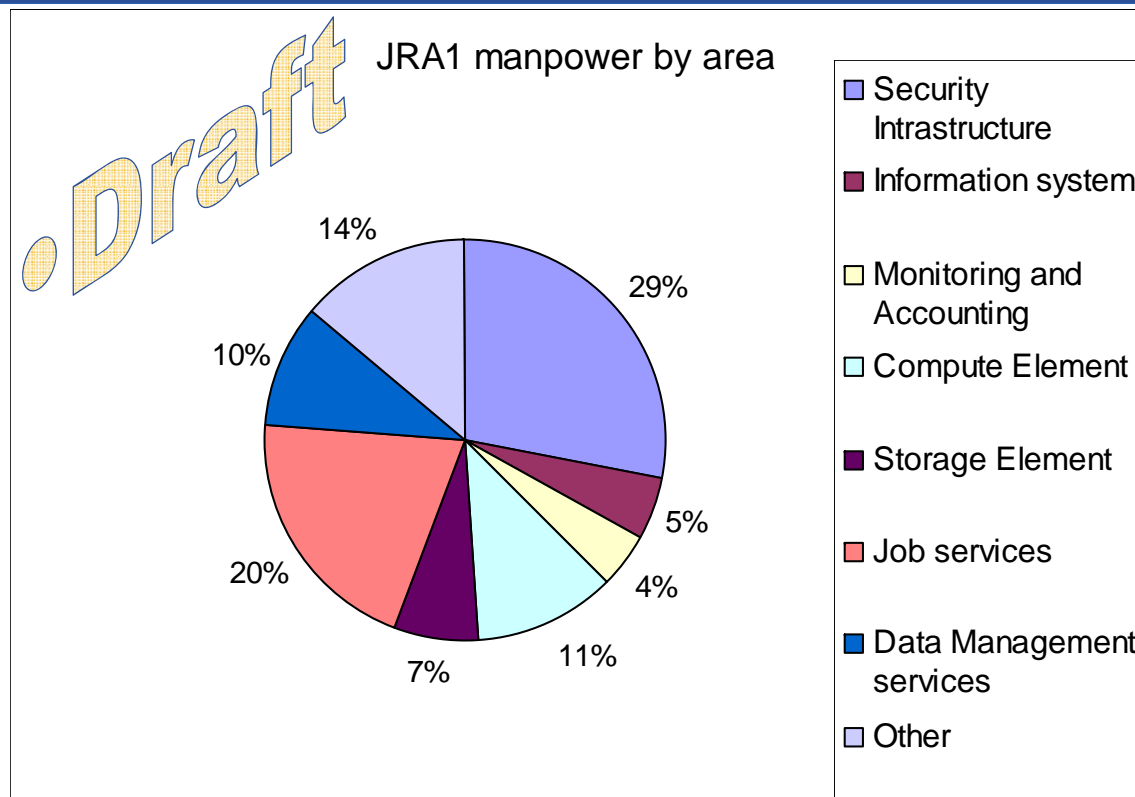
- Security infrastructure
- Information system
- Monitoring and accounting
- Compute element
- Storage element

- High level services

- Job services
- Data Management services

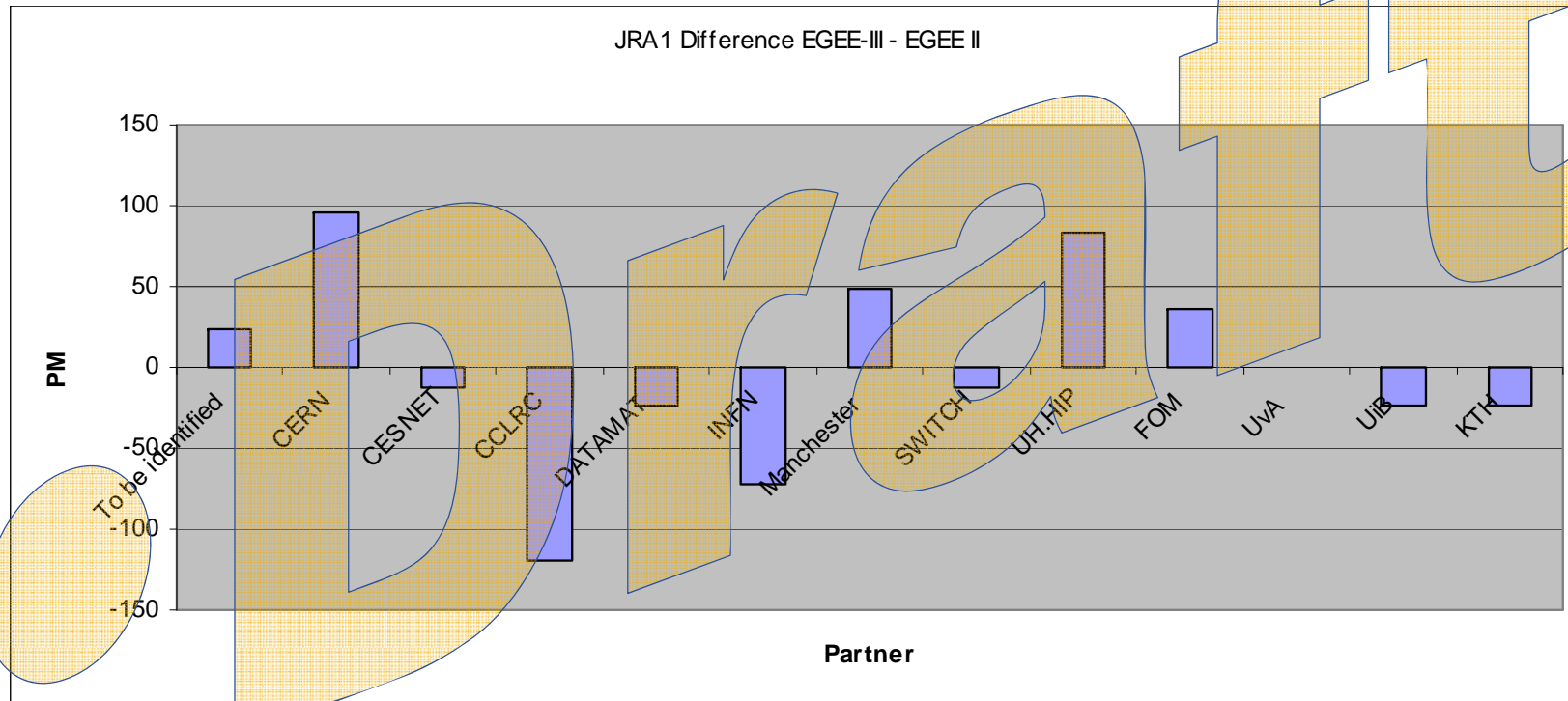
- Other activities

- Preview test-bed
- Bug & Ticket front-end
- Coordination (activity manager, deputy and cluster representatives)



Partner	Middleware area / Task	PMs
<b>Security Infrastructure</b>		
CESNET	MyProxy	18
INFN	VOMS/VOMS-Admin	84
Manchester	GridSite	48
SWITCH	Security Architecture, SLCS, Pseudonimity services	60
UH.HIP	TrustManager/Util-Java, Delegation, Pseudonimity services	45
FOM	LCAS/LCMAPS, glxec	60
UvA	gJAF	24
<b>Information system</b>		
CERN	bdII	36
STFC	bdII	24
<b>Monitoring and Accounting</b>		
STFC	R-GMA, Service discovery	18
INFN	DGAS	36
<b>Compute Element</b>		
INFN	BLAH, gLiteCE, CREAM, CeMon	138
<b>Storage Element</b>		
CERN	DPM, GFAL	54
UH.HIP	Grid Database access	30
<b>Job services</b>		
CESNET	Logging&Bookkeeping, Job Provenance	60
DATAMAT	gLite WMS, User Interface to WMS	90
INFN	gLite WMS	96

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<b>Data Management services</b>		
CERN	LFC, FTS, lcg_utils	72
UH.HIP	Encrypted Data Storage, including Hydra	27
To be identified	Extended interfaces for existing DM tools	24
<b>Bugs and tickets front-end</b>		
INFN		12
UH.HIP		12
<b>Preview testbed maintenance</b>		
CESNET		24
INFN		24
FOM		24
<b>Coordination and overhead</b>		
CERN	CERN group coordination	6
CESNET	Czeck group coordination	6
STFC	UK group coordination	6
DATAMAT	Co-coordination of Italian group	6
INFN	Activity coordination and co-coordination of Italian group	30
UH.HIP	Activity deputy and coordination of Northern and Central Europe groups	18



- **No effort foreseen in JRA1 for a few components:**
  - CGSI-gSOAP, Job Repository
    - Support?
  - APEL
    - SA1 or JRA1?
  - AMGA
    - NA4 or JRA1?
  - Globus-based access to CE
    - Support for native Globus access to Computing Elements on the EGEE infrastructure?
    - Would need a PMB decision and possibly additional manpower allocation:
- **1 FTE already foreseen for data management services:**
  - Address all the needs of the non-HEP applications for what concerns the use of currently available components, e.g. WSDL and Java interfaces to LFC, DPM, etc...



- **Overall feedback expected from Erwin in a short time**
  - Cut of 20% foreseen... need to identify how redistribute the effort
- **Discussion at the PMB of JRA1/SA3 on Monday**
  - basically ok, should add IPv6 compliance (but with low priority)
- **5-6/7 All Activity meeting at CERN**
  - on 6/7/07 there will be a PEB/PMB workshop on EGEE-III
  - Probably NA3 and SA4 will be merged
- **Call publication: 19/6/07 (yesterday)**
  - 50 M€ (about 35 M€ foreseen for EGEE-III)
- **Call closes: 17:00 on 20/9/07**