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All activity workshop 17<sup>th</sup> March 2004

# EGEE

## Enabling Grids for E-science in Europe

**summary**



EGEE is proposed as a project funded by the European Union under contract IST-2003-508833

# NA1

- Signature process for Consortium Agreement (CA) and EU Contract advancing (approx. 55/70 partners have signed)
- Execution plan – advanced draft put in EDMS
  - Still to add work-flow details
- Deliverables
  - DNA1.2 (Gender Action Plan) – good response from partners
- New Project Office will be complete and in place on 1<sup>st</sup> April
  - May add another 50% person for general office duties
  - CERN has confirmed general legal and administrative support (auditing, reporting etc.)
- Management structures in-place
  - *PEB* – a few changes to activity heads/deputies but all posts filled
  - External Advisory Board (*EAB*) set-up and members confirmed
  - Exec Board will be replaced by Project Mgmt Board (*PMB*) – first meeting in Cork
  - Collaboration Board (*CB*) set-up, first meeting held and will meet again at Cork
  - Admin Board et-up and has been actively working on the Consortium Agreement and signature process
  - LCG/EGEE cross-representation working at management and technical levels

## NA1 and NA5

- NA1 - risks identified and basic contingency plans established
  - Major risk is currently the incompleteness of the signature process leading to delayed start-date.
  - No financial contingency
- NA5 - relationship with other projects:
  - SEE-Grid (extend EGEE to Balkan states – EGEE partner(s) involved)
  - DILIGENT (Digital libraries application – EGEE partner(s) involved)
  - DEISA (high perf. computing infrastructure – leading to MoU)
- Can expect many other projects will want to participate/interact with EGEE and we need to clarify their interest and direct them to the appropriate activities. Must manage their expectations and ensure the operations capacity can accommodate them.

## NA2

- Team in Terena is complete and ready to start on 1<sup>st</sup> April
  - Two PR/information officers from CERN hired and will start soon
- Web sites setup
- Cork conference planning finalising
  - 143 registrations to-date
  - A few hotel rooms left in the block bookings
- 2<sup>nd</sup> conference in Amsterdam 22<sup>nd</sup> – 26<sup>th</sup> November
- Most NA2 partners now contacted – first meeting in Cork
  - Still missing 28. FZK
- Execution plan not yet done – draft needed for Cork
- Need activity details for publicity brochure
  - Activity managers to summarise “marketing” points in one sheet from the TA and end to Terena – by 1<sup>st</sup> April
- Issue of hosting EGEE conferences to follow EU presidency
  - If we are an official event then we get better support but the Cork conference is not in the official calendar. Need to decide with PMB and hosts.
  - Will organise a de-briefing after Cork

# JRA1

- Execution plan elements completed (personnel, tasks) but comprehensive plan not available yet and needs to be put in EDMS
- WBS – work performed to-date on ARDA services has indicated a number of components that were not foreseen in the TA
- Personnel
  - hiring is complete at CERN (but some people will not be able to start on 1<sup>st</sup> April)
  - CNRS still need to identify another person (to work on tools for PM3 deliverable)
  - Confident JRA1 can start work on 1<sup>st</sup> April and there is a lot of positive interaction between the different partners
- Basic risk analysis performed
  - Many of the risks identified in January 2004 have been addressed
  - Remaining risks include:
    - Personnel departures
    - LCG/ARDA/EGEE divergence (excessive pressure from HEP)
    - Clear requirements from deployment (SA1) and non-HEP applications
- Training
  - Expect detailed technical training to be done in JRA1
  - Induction courses for newcomers would be very useful

## JRA1 (II)

- Plans since January 2004 have advanced well
  - EDG infrastructure will be reused for JRA1 in the different clusters
  - Draft document giving services and APIs – needs to be put on web page
    - Must ensure that input from the security group (JRA3), deployment (SA1) and applications (NA4) is taken into account by this group composed of members from the different software clusters
- New middleware architecture/design work
  - Core software team has been working quickly to produce the draft document
  - Need to clarify how feedback from deployment, security and applications will formally be taken into account. Who does the team report to?
  - Mechanisms for ensuring that the requirements are collected and addressed
    - GAG is in place for HEP, what about Biomedical and generic?

# JRA3

- Partners now engaged and helping on planning
  - 3 brief meetings per week to develop execution plan
- Personnel identified (2 missing from UiB)
- Detailed tasks elaborated with some further information required
- Security head will be replaced on 1<sup>st</sup> April
- Need to clarify the role, mandate and composition of the security group
- Still need to define training requirements
- Need to clarify the organisation and membership of the PMA for CAs (MJRA3.2)
- Basic risk analysis performed
  - How to ensure people working at 25% will actually deliver on time

# NA3

- Execution plan foreseen for end of March
- Personnel team being hired (2 technical people already in place)
- NA3 has 22 partners (41. HEP will organise Russian institutes). Still nothing from 12 PSNC (Poland)
  - Two NA3 partner conf calls already held and planning advancing
- Induction course will be developed and tested during first 3 months
- : 1<sup>st</sup> run at NeSC 26-28 April (to train the trainers). Includes
  - Grids & their introduction
  - EGEE project overview, grid mware and future technologies, project procedures
  - Available for use across Europe in June
- Small Grid testbed will be setup at NeSC
- Technical issues for the hands-on training sessions:
  - Responsibility or training VOs
  - Sites where tutorials can be run and how they are supported need to be resolved
- Will need participation of the grid experts at the start to make the sure the material is available and correct
- Means of measuring training success defined



# SA1

- Practical deployment issues still need to be addressed
- How to move from LCG to EGEE (more applications, more sites) is posing many organisational questions:
  - Not all federations have active ROC managers – **this is urgent**
  - Need to get policy body – involving 9 ROCs mgrs going
  - Need input from Spain and Italy for how to run a distributed ROC
  - Likely to have large regional differences for operations organisational aspects
  - Setting-up VOs and how they are managed is a key for the regions to understand how to proceed
  - Need to know how the resources will be shared across application domains
  - How to expand LCG GDB so that it can work for EGEE as well
  - Fotis will organise brief written description of how sites/applications get involved
- Relationships with NA4, JRA1 and NA3 need clarification

## SA1 (II)

- Execution plan not yet ready but template defined and regions (ROC managers) are asked to contribute
  - Input received from UK, CE, SE (3/9) but hope to complete by Cork
  - Concentrating on roles/responsibilities, services/resources, staffing
- 48 partners involved in SA1
  - Not clear how many are engaged yet
- LCG-2 infrastructure in place and being used in LHC data challenges now
  - Will meet first milestones
- No change to training or risk analysis since January

## SA2

- Execution plan well advanced and available via EDMS
- Personnel – still need to identify 2 people (CNRS/UREC, RRC KI)
- Most work will be associated with defining SLR/S/As
  - Need to clarify how the requirements for such service levels will take into account applications needs and operations (SA1) realities
  - How do the sites get involved in the decision making process?
  - Will the relation with DANTE/NRENS lead to advantages for sites?
- Clarify organisation and composition of the liaison board with DANTE/NRENS

# JRA4

- Execution plan well advanced and available from EDMS
- Personnel – quite complete (3 more people needed)
- TBS/PBS/WBS in sufficient detail
- JRA4 will develop software during 2<sup>nd</sup> part of first year that will need to be integrated with JRA1 & JRA3 – should follow same procedures and use same tools
- Change needed for TA to swap milestones
- Need to clarify plans for IPv6 testbed with 6NET

- Execution plan well developed for tasks and personnel
- Need clarification about what is an “internal” application and how/if they are supported
- Still need to clarify what is expected from an application if they are to be part of EGEE
  - “Free lunch” initial testing
  - Contribute resources if they want to go production (“Canadian dinner party”)
  - Selection process : need to agree this process quickly (but will need to be reviewed as more experience gained) – **urgent (to be agreed electronically by PMB)**
- Need to clarify policy issues (discussed under SA1) - **urgent**
- ARDA project is the vehicle in HEP for ensuring useful end-to-end solutions (mware, sites, application sw) happens for LHC experiments – where is the equivalent for the biomedical domain?
- Industrial forum set-up in a self-financing mode
  - Website and session at Cork conference

# JRA2

- Execution plan defined and acting as example for other activities
- Personnel: 1 of 4 people still be hired (CNRS)
- Many procedures and guidelines already defined for project mgmt, QoS, sw eng (JRA1), execution plan, SPI
- Guides for webpages, EDMS tool usage provided
- Still need to establish QAG – waiting for representatives from some activities
- Will send list of subjects for task-forces to PEB or elaboration (sw eng, proj. mgmt, metrics etc.)
- PPT - project mgmt tool for project tracking and reporting
  - Being customised by CERN IT/AIS group
  - Relies on the completion of the execution plans to be able to set-up the tool
  - Initial release will be tested on a couple of selected activities
  - Will be used with ALL activities for the first quarter report at project month 3