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Enabling Grids for E-sciencE

EGEE-III Program of Work

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Information Society
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- **Overall Goals and Tasks**

- **Management Structures**

- **NA1 Activity**

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- **Maintain, enhance and simplify the use of the production quality computing infrastructure for an increasing range of researchers in diverse scientific fields**

- **Prepare the transition towards a sustainable infrastructure**

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- **Provision of continuous Grid infrastructure operation**

- **Collaboration with strategic scientific disciplines**

- **Provision of high-quality support to a wide range of VOs by providing services comprising training, dissemination of information, application porting and online user helpdesks**

- **Encouragement and establishment of best security practices**

- **Provision of reliable and performant Grid middleware foundation services, as well as key, high-level middleware services, to users with integration and deployment facilities**

- **Enhanced technology transfer to business communities**

- Ensure the overall world-wide coherence of the developments by **collaboration with other Grid projects** and **standards organisations**

- Implementation of **structural changes** in concertation with the EGI_DS project

- Encourage the **formation of National Grid Infrastructures** (NGIs) through the use of Joint Research Unit (JRU) mechanism in countries where they are not yet initiated

| Networking activities	Specific Service Activities
NA1: Management **Bob Jones, CERN**	**SA1: Operations** **Maite Baroso Lopez, CERN**
NA2: Dissemination **Hiring in progress, CERN**	**SA2: Networking Support** **Xavier Jeannin, CNRS**
NA3: Training **Robin McConnell, UEDIN**	**SA3: Integration, testing & cert.** **Oliver Keeble, CERN**
NA4: Applications **Cal Loomis, CNRS**	*Joint Research Activities*
NA5: International Coop. & Policy **Panos Louridas, GRNET**	**JRA1: Middleware engineering** **Francesco Giacomini, INFN**

- **No JRA2 anymore – 24PMs for quality head included in NA1**

- The TMB will oversee the technical coordination of the project
- Builds on the successes of the EGEE-II TCG
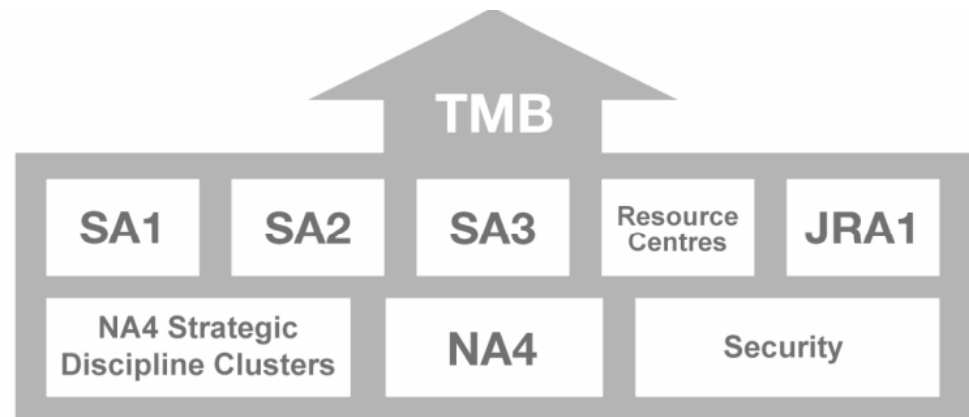
- assess requirements from applications and operations
- endorse and supervise the work plans for middleware engineering (JRA1), integration, testing, and certification (SA3), as well as strategic discipline clusters (NA4)
- determine the project's policies for adoption of and contribution to standards
- provide the technical oversight and strategy for the overall Grid operations
- Create specific (short-lived) working groups

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- **The AMB will oversee the progress of the project with respect to the DoW**

- **Modeled on EGEE-II PEB**

- **administrative aspects of the management of the project**
  - Reporting
  - deliverables and milestones monitoring
  - key event coordination
  - relations with collaborating projects
  - Coordination of federation reviews

AMB

| SA1 | SA2 | SA3 | QA coordinator | JRA1 |
| NA2 | NA3 | NA4 | NA5 |
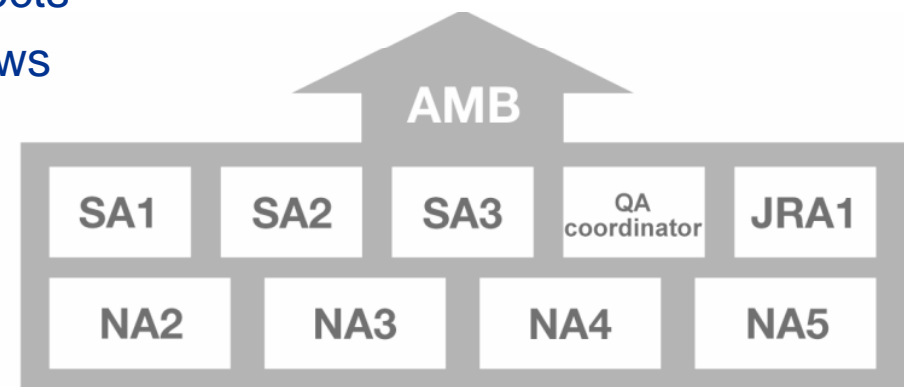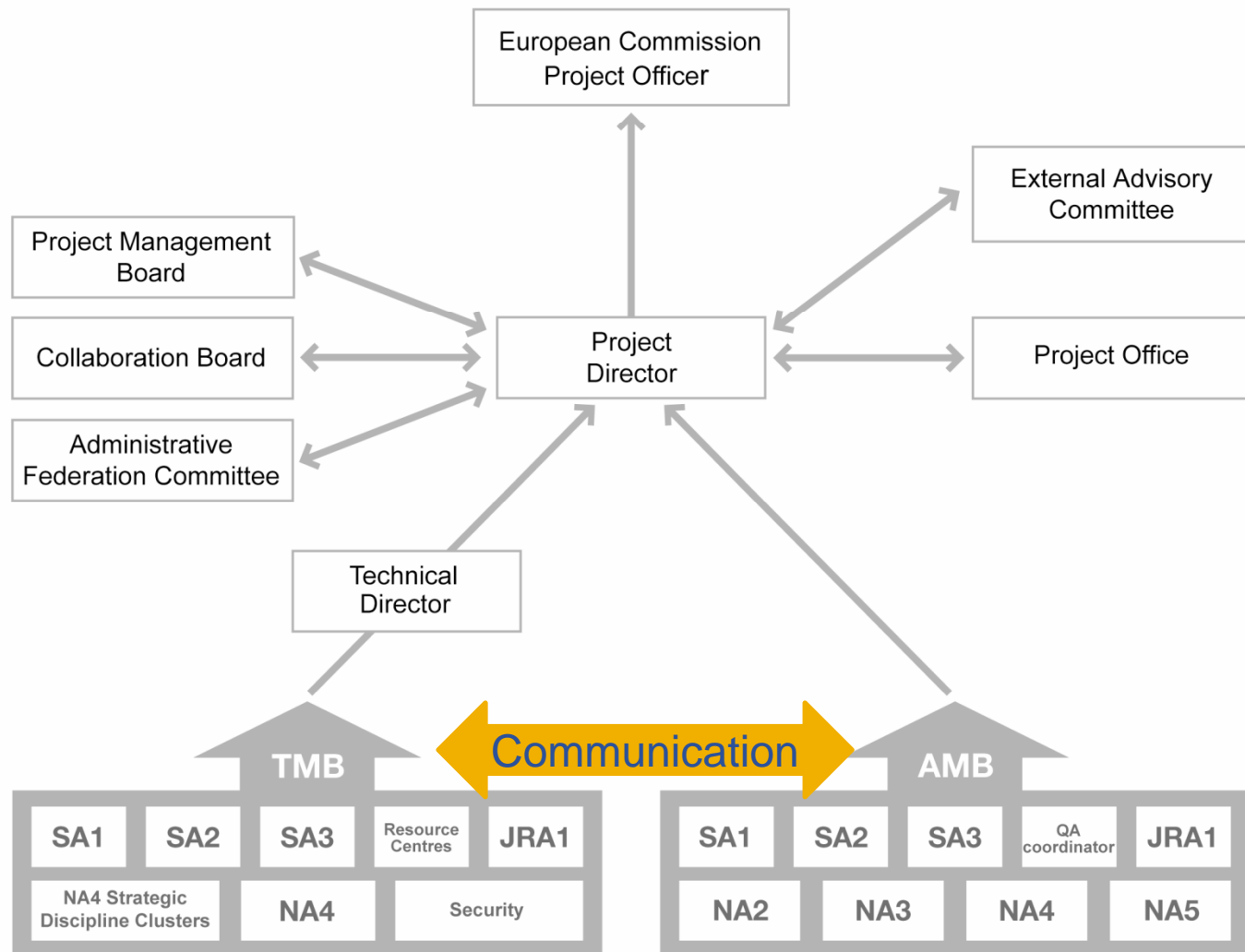
- **Many EGEE-III tasks require participation/input/feedback from multiple activities**

- **Interactions mostly organized by the responsible activity on a case per case basis**
  - Eg. Interoperability (SA3), dissemination material (NA2), expertise for training events (NA3), etc.

- **For some activities standing groups are formed that in most cases are under the direct responsibility of an activity**

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– NA1 responsibility:
Quality Assurance Group (QAG): all activities

– SA1 responsibility:
Resource Allocation Group: SA1 and NA4
User Support Advisory Group: SA1 and NA4

– SA3 responsibility:
Engineering Management Team (EMT): SA3, JRA1, SA1

– Reporting directly to AMB:
Security Coordination Group (SCG): SA1 and JRA1

Security Coordination Group

JRA1 Security

MWSG

GSVG

JSPG

EUGrid PMA

OSCT
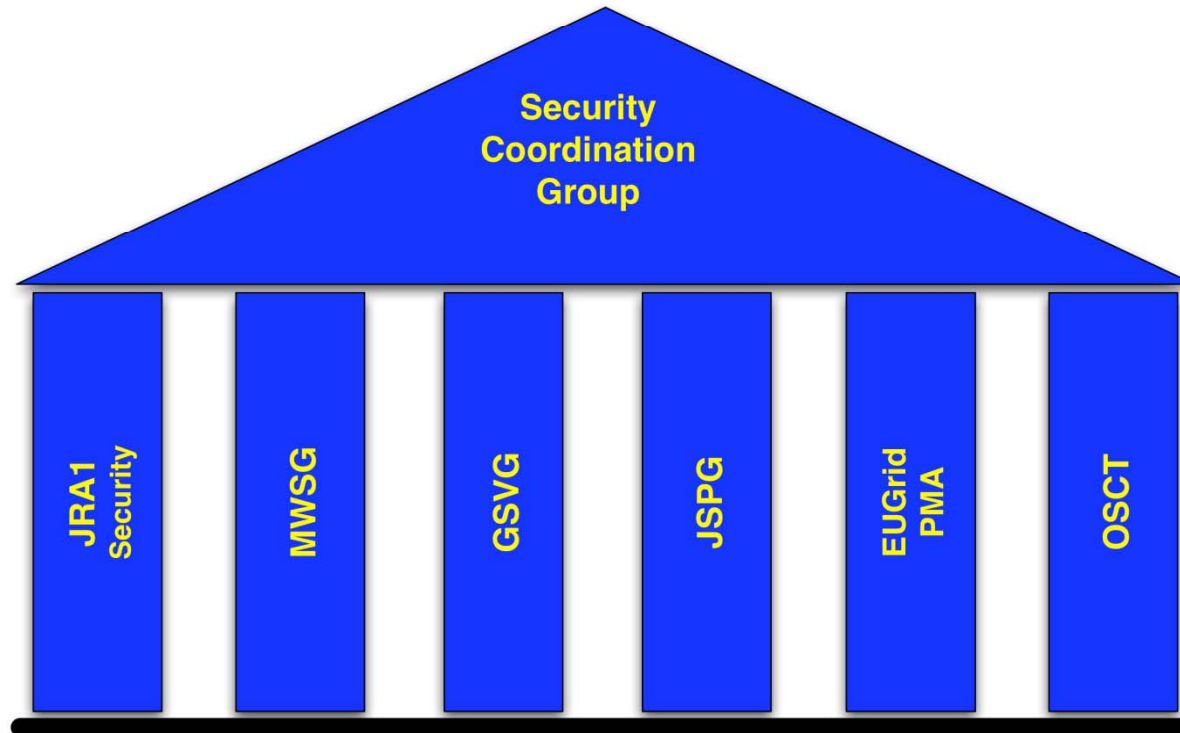
JRA1 / Security
Grid Security Vulnerability Group
EUGridPMA

Middleware Security Group
Joint Security Policy Group
Operational Security Coordination Team

http://www.eu-egee.org/security/

- **168 PMs (i.e. 7 FTEs)**
  - Same as in EGEE-II but incorporated quality coordinator (former JRA2)
  - 2 Partners: CERN (6FTEs) and BT (1FTE)

- **The objective is to provide:**
  - Overall project management and reporting to the European Commission;
  - Daily management of the project activities, resource allocation and monitoring;
  - Conflict resolutions and corrective actions;
  - Overall Quality Assurance for the project;
  - Establish and maintain relations with key external bodies and projects;
  - Collaborate with EGI_DS to ensure long-term sustainability plans are successful.

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- ## TNA1.1: Management of the NA1 activity and the work of the Project Office
  - Internal activity management: This task will cover all administrative aspects in and around the lead partner, CERN, interaction with its management, and will be fundamental to the operation of the activity.

- ## TNA1.2: Project and consortium management
  - This covers all reporting, cost statement collection and analysis, interim payment coordination and transfer, budget follow-up, liaison with partners, related projects and other Grid initiatives, relations with the European Commission.

- ## TNA1.3: Technical management
  - This covers the running and leadership of the Technical Management Board (TMB), in collaboration and liaison with the Activity Management Board (AMB). This will include technical liaison with partners, related projects and other Grid initiatives.
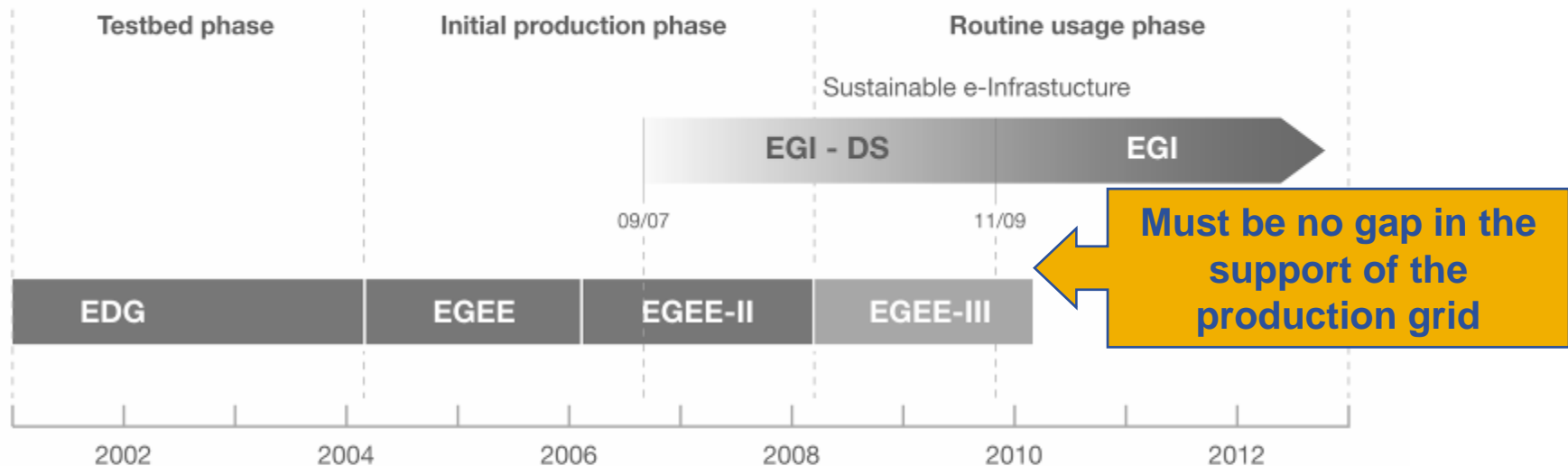
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- ## TNA1.4: Quality assurance coordination

  From JRA2

  – This task will ensure the Quality Assurance inside EGEE-III, by defining appropriate procedures, tools and metrics as well as monitoring their implementation. It includes the Quality Group coordination and QA follow-up, federation review coordination, deliverables and milestones coordination, follow-up on industry standards and best practices for IT service management.

- ## TNA1.5: Sustainability

  NEW!

  – This task will ensure close collaboration with the EGI_DS project, together with NA5, to follow the development of the sustainability plans and of the schedule of the transition from EGEE-III to EGI.

- ## TNA1.6: Organisation of EGEE events and meetings

  – This task includes all aspects of the organisation of all project Board meetings, and major events such as the User Forum and the Conference.

  From NA2

- **Need to prepare permanent, common Grid infrastructure**

- **Ensure the long-term sustainability of the European e-Infrastructure independent of short project funding cycles**

- **Coordinate the integration and interaction between National Grid Infrastructures (NGIs)**

- **Operate the production Grid infrastructure on a European level for a wide range of scientific disciplines**
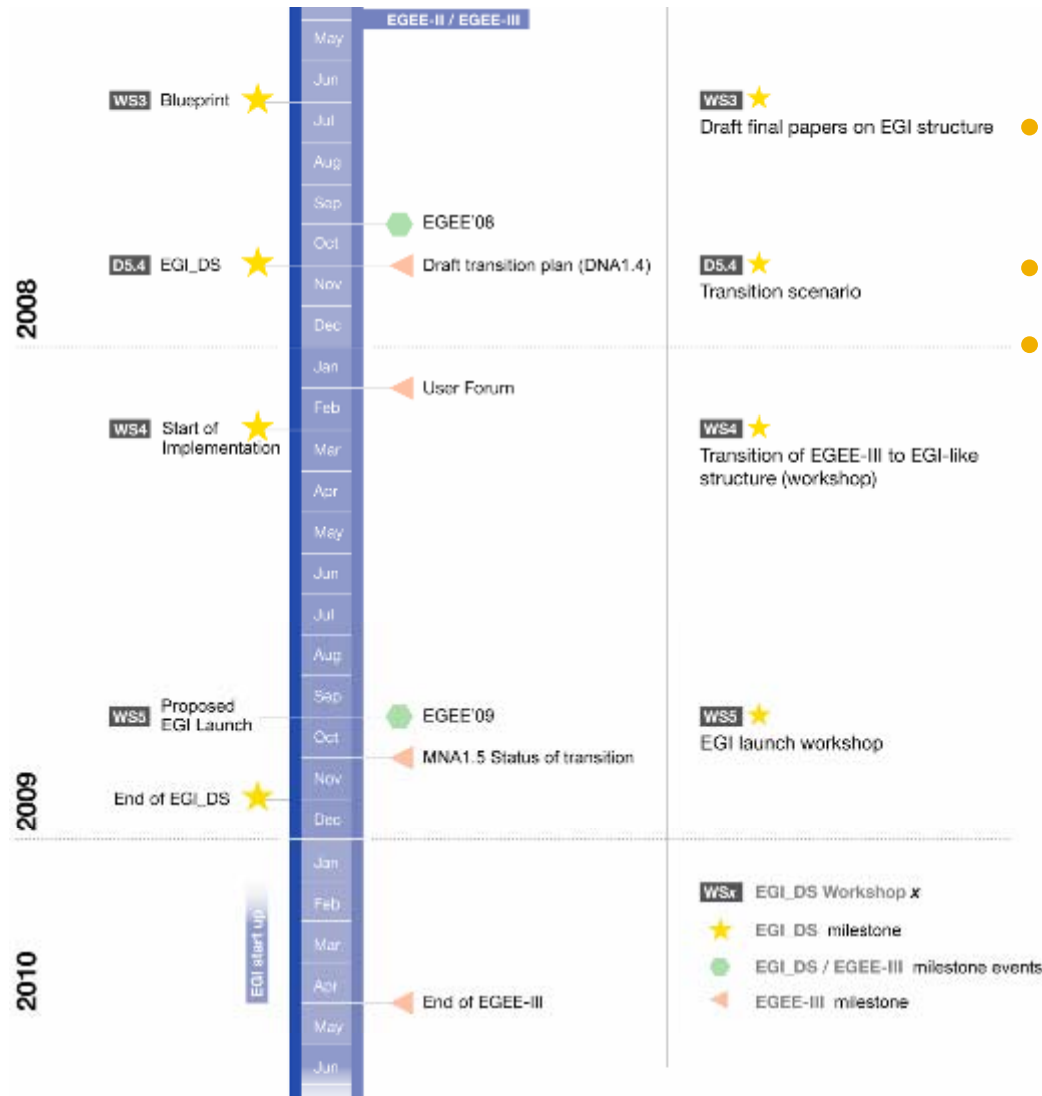
- **EGI_DS will produce a blueprint by summer 2008**
- **To be discussed at EGEE'08**
- **Produce revised and updated programme of work based on changes required in year 2 of EGEE-III**