eGee

Enabling Grids for E-sciencE

Technical Coordination Group (TCG)

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4th EGEE conference

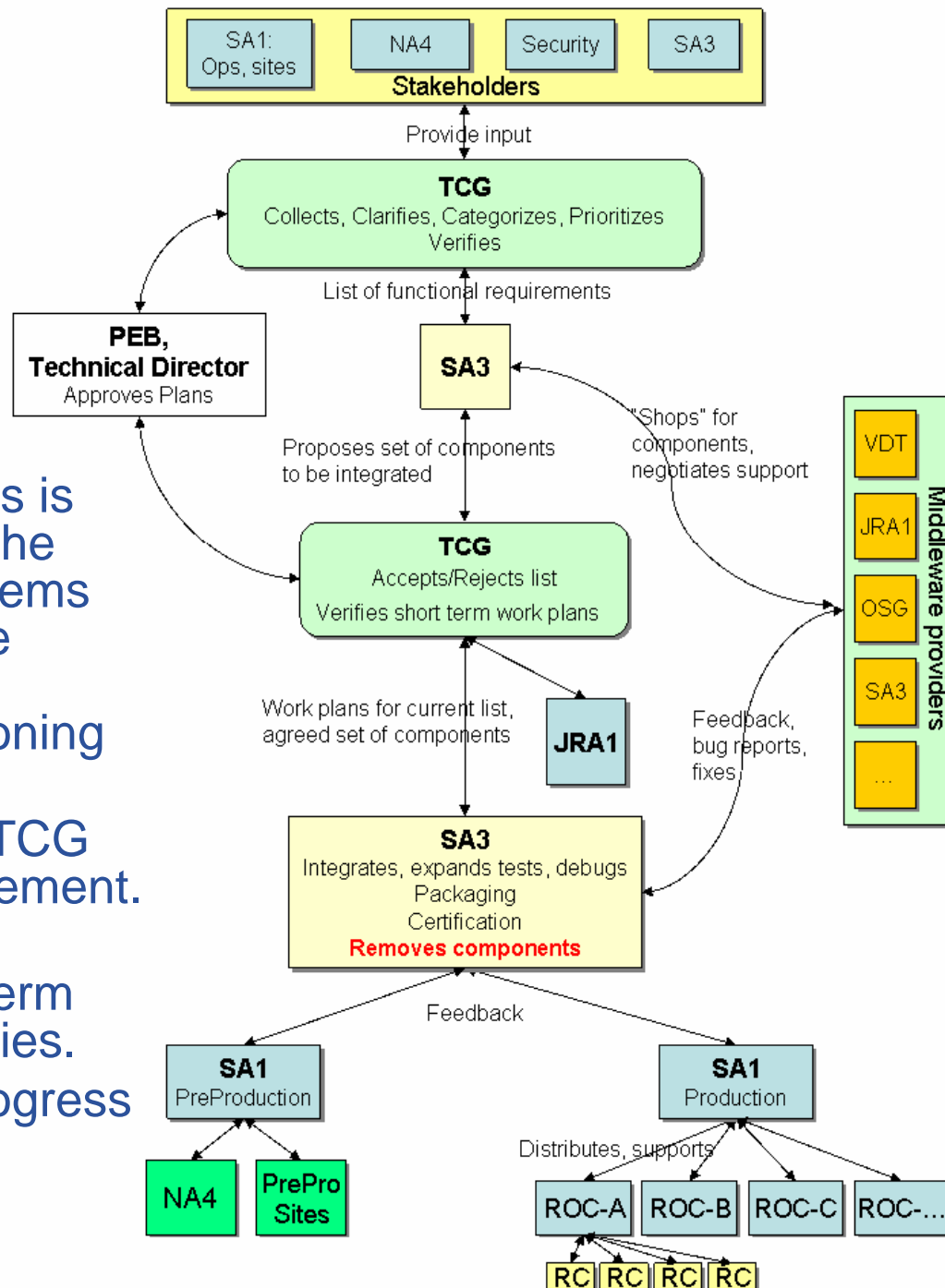*Pisa, Italy*

27th October 2005

- **The EGEE-II proposal defines a Technical Coordination Group (TCG):**

  *The TCG brings together the technical activities within the project in order to ensure the **oversight and coordination of the technical direction** of the project, and to **ensure that the technical work progresses according to plan***.

- **Basically coordinating the work of SA1, SA2, SA3, NA4, and JRA1**
  - Membership from all these activities but still remain a "small" team
  - Additional experts will join based on the topic of discussion
  - Working groups will be spawn off to solve specific problems

- **Focus on practical short term solutions**
  - Long term projects will be sourced out to middleware providers

- **The group must have executive power**
  - Not just a discussion forum!
  - Decisions taken by the group must be honoured by the affected activities

TCG Workflow

- The TCG gathers input from the stakeholders (issues, problems, functionality request, changes to existing services, etc.) and prioritizes it.

- The list of prioritized requirements is used by SA3, in discussion with the TCG, to determine how the problems may be addressed. This might be looking for new services from middleware providers, commissioning fixes, changes, etc.

- SA3 returns this proposal to the TCG for discussion and eventual agreement.

- The TCG then, together with the activity leaders, proposes short term work plans for the relevant activities.

- The TCG will follow up on the progress of these plans and adapt them.

Stakeholders:
- SA1: Ops, sites
- NA4
- Security
- SA3

Provide input

TCG — Collects, Clarifies, Categorizes, Prioritizes Verifies

List of functional requirements

PEB, Technical Director — Approves Plans

SA3

Proposes set of components to be integrated

"Shops" for components, negotiates support

TCG — Accepts/Rejects list — Verifies short term work plans

Middleware providers: VDT, JRA1, OSG, SA3, ...

Work plans for current list, agreed set of components

JRA1

Feedback, bug reports, fixes

SA3 — Integrates, expands tests, debugs — Packaging — Certification — Removes components

Feedback

SA1 PreProduction
- NA4
- PrePro Sites

SA1 Production

Distributes, supports
- ROC-A
- ROC-B
- ROC-C
- ROC-...
- RC RC RC RC

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- **"Small" team (~10 persons) in order to work efficiently**

- **Members must be experts in their respective area and have an overview of the whole system**

- **Members must work ~50% of their time on the group**

- **Member competences needed in**

  - Applications (from the major application domains, in particular the task force leaders)

  - Grid deployment and operation

  - Middleware (architecture) and integration

  - Grid Security

  - Site view (running services, understanding of fabrics, networking issues and costs)

  - Application support: individuals who have worked closely with the applications groups and who have good contacts with them

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- **Early start needed**
  - Plan to establish the group in November 2005

- **Frequent meetings**
  - Probably once per week (max. 2 hours)
  - Phone or VRVS meeting, although ideally members would meet in person
  - Experts may be asked to join a meeting based on the topic of discussion

- **Spawn off working groups**
  - Experts will work on a specific problem for a short amount of time

- **Technical Director will chair the meeting and report to the PEB**

- **Existing**
  - NA4 requirements database
    - https://savannah.cern.ch/support/?group=egeeptf
  - LCG Baseline Service Group report
    - http://lcg.web.cern.ch/LCG/peb/bs/BSReport-v1.0.pdf
    - Update expected soon
  - JRA1 work plan
    - https://edms.cern.ch/document/573493/
  - EGEE middleware architecture & design
    - https://edms.cern.ch/document/594698/
    - https://edms.cern.ch/document/606574/

- **Planned**
  - MSA3.1.1 – Service inventory, gap analysis
    - TCG work will be essential for the gap analysis