egee

TCG Report

Erwin Laure

EGEE-II Technical Director

Erwin.Laure@cern.ch

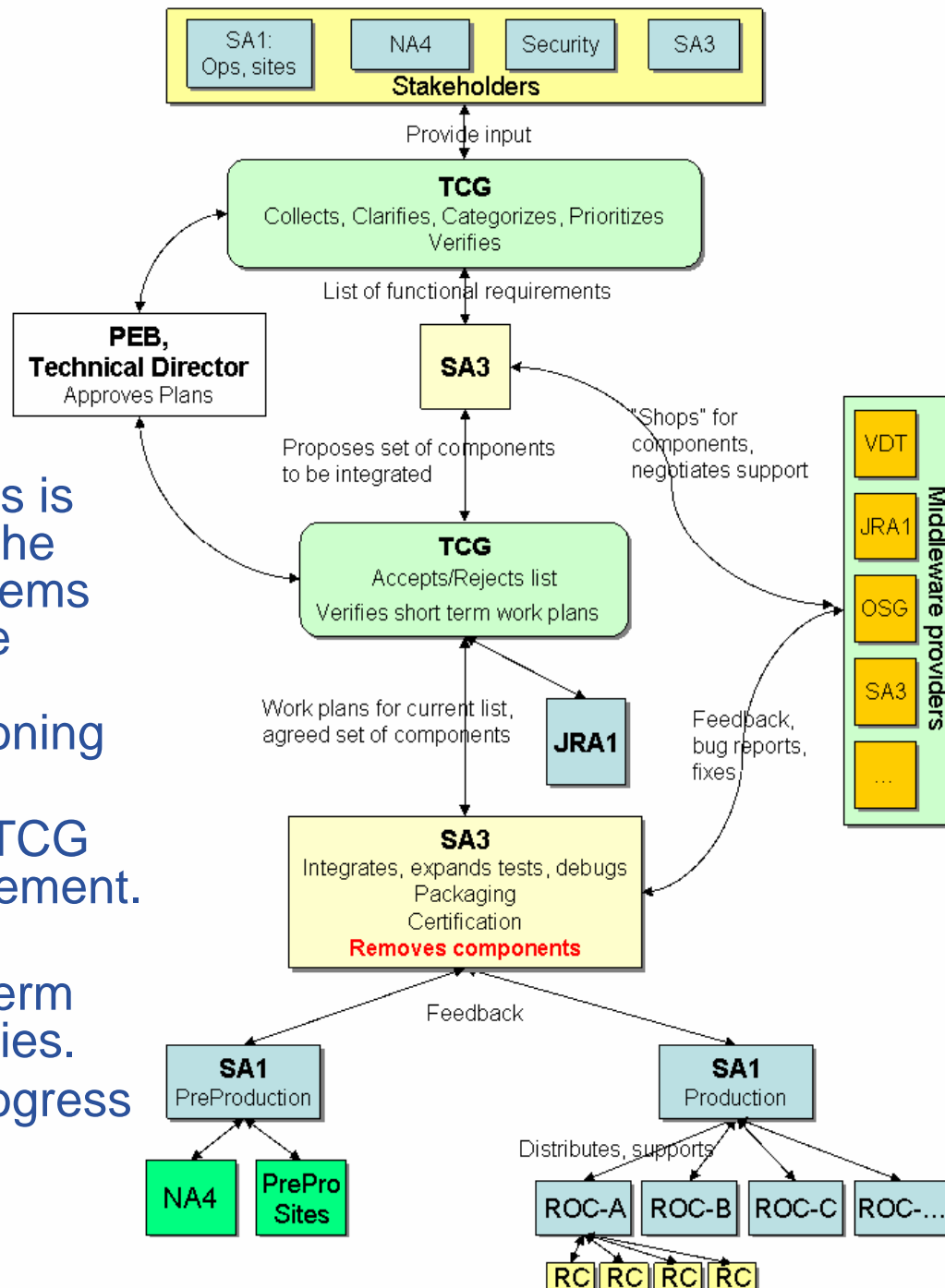EGEE'06
Capitalising on e-infrastructures

Information Society and Media

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.
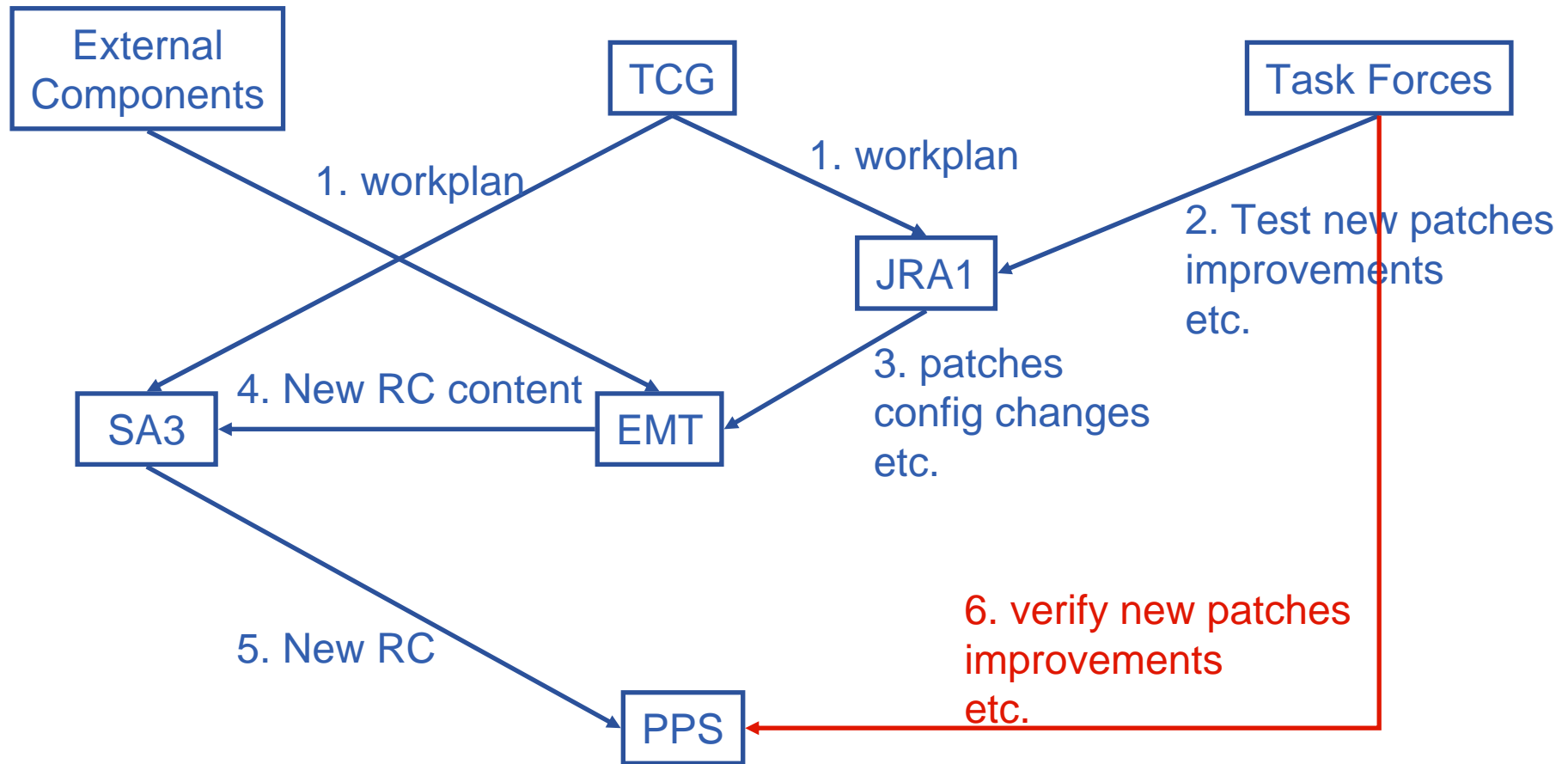
Enabling Grids for E-sciencE

- **Started on November 9th**
- **Lead by Erwin Laure, Deputy Markus Schulz**
- **Members from SA1, Sites, SA2, SA3, Security, JRA1, NA4, and task forces (Alice, Atlas, Biomed, CMS, Industry, LHCb)**
- **Originally weekly meeting, now bi-weekly**
- **4 working groups spawned off:**
  - Medical Data Management (MDM)
  - Short Deadline Jobs (SDJ)
  - Message Passing (MPI)
  - Job Priorities (JP)

Activity	Member	Alternate
Chair	Erwin Laure	Markus Schulz
Secretary	David Smith	
SA1	Ian Bird	Maite Barroso
Site representative	Alessandra Forti	Daniele Cesini; Jeff Templon
SA2	Jean-Paul Gaultier	Mathieu Goutelle
SA3	Markus Schulz	Oliver Keeble
JRA1	Claudio Grandi	John White
JRA1/Security	John White	Joni Hahkala
NA4	Cal Loomis	Massimo Lamanna
Alice TF	Federico Carminati	Latchezar Betev
Atlas TF	Laura Perini	Dietrich Liko, Dario Barberis
Biomed TF	Johan Montagnat	Christophe Blanchet; Ignacio Blanquer
CMS TF	Stefano Belforte	Andrea Sciaba'
Industry TF	Stefano Beco	Gabriel Zaquine
LHCb TF	Andrei Tsaregorodstev	Philippe Charpentier

- **Defined contents of gLite 3.0 and monitored progress**
- **Reviewed and analyzed application requirements**
  - https://uimon.cern.ch/twiki/bin/view/EGEE/PriorityList
  - Operational requirements have also been discussed and are being added to this list
- **Reviewed and endorsed JRA1 workplan**
  - https://uimon.cern.ch/twiki/bin/view/EGEE/EGEEgLiteWorkPlans
- **Reviewed and endorsed SA3 plans**
- **WGs produced first recommendations**
  - http://egee-intranet.web.cern.ch/egee-intranet/NA1/TCG/Workinggroups.htm
  - Many discussions on various topics, e.g.
    - Pilot job support, voms and voms-admin, GT4 support, package manager, etc.

Enabling Grids for E-sciencE

- **Focus on stability and scalability, not new services**
- **Move to GT4 (pre-WS) needed because of support issues and 64bit**
- **Development focus on**
  - WMS stability and scalability,
  - FTS,
  - Error reporting and logging
  - VOMS enabling of services
  - gLexec (use also planned by OSG)
  - Encrypted data storage based on GFAL/LFC
- **Multi-platform support**
  - Needs to be integrated in the build framework
  - SL4
  - Debian
  - 64bit (Opteron, Itanium)

egee

External Components

TCG

Task Forces

1. workplan

1. workplan

JRA1

2. Test new patches improvements etc.

3. patches config changes etc.

4. New RC content

SA3

EMT

6. verify new patches improvements etc.

5. New RC

PPS

Enabling Grids for E-sciencE

- **TCG is essential to build a common understanding between operations, integration, middleware, and application activities**

- **Provides the mid term guidelines and priorities, details are worked out in the EMT**

- **Long term issues are sourced out to WGs and other fora**
    - E.g. there will be a joint EGEE/OSG/ARC workshop on service discovery in December