



Enabling Grids for E-science

Managing the Consortium Contributions to the Program of Work

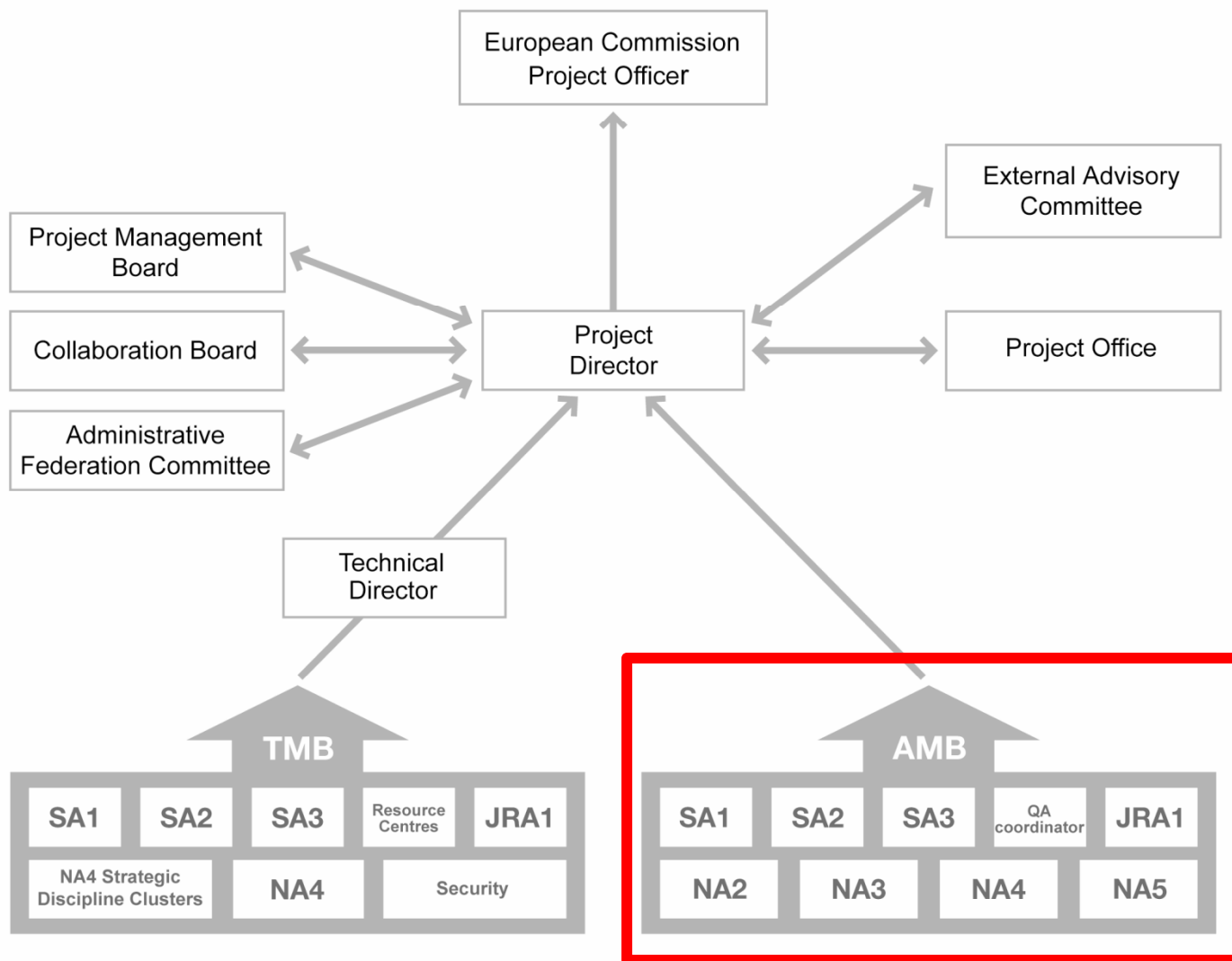
Erwin Laure

EGEE-II / EGEE-III Transition Meeting
CERN, Geneva 6-7 May 2008

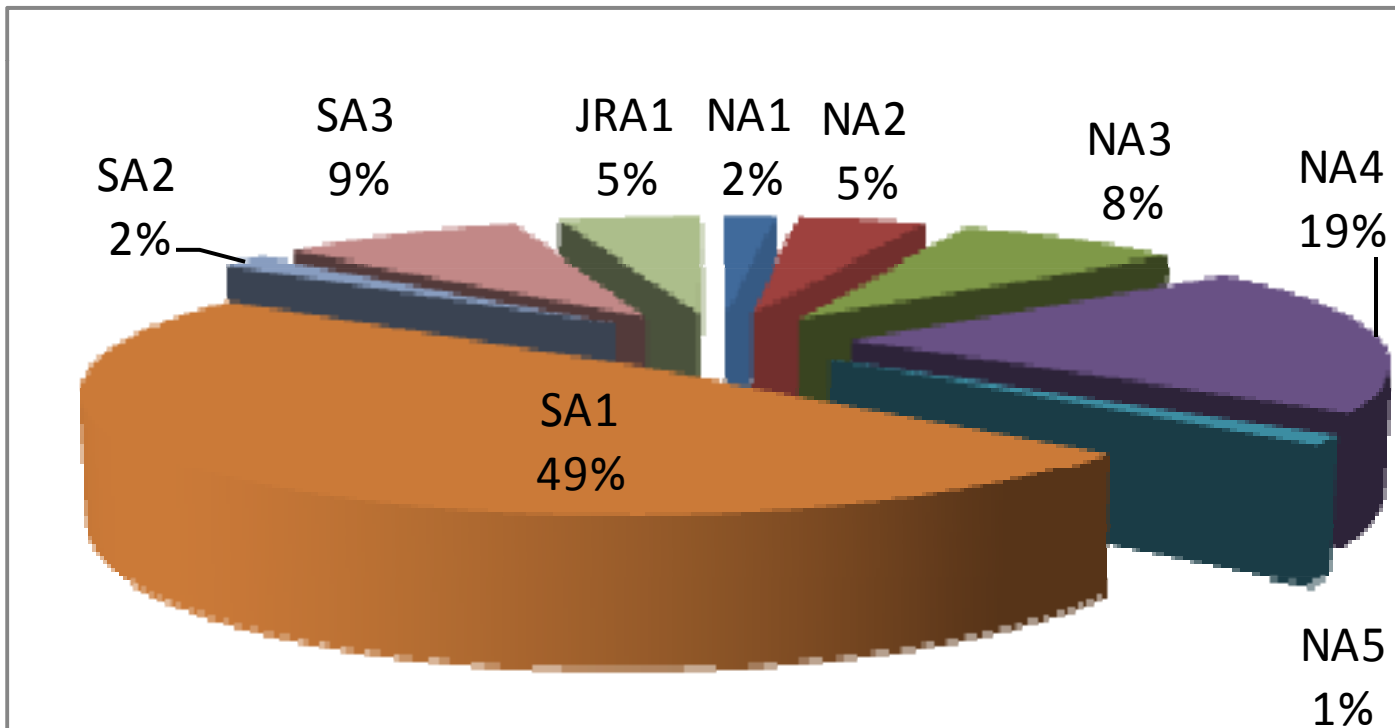
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- **Program of work for EGEE-III will be discussed in detail tomorrow**
- **How are consortium contributions to the PoW managed in EGEE-III**
 - Manpower
 - Metrics
 - Reporting



- **Total of 375 FTEs in EGEE-III**
 - 9010 person months (vs. 11165 PMs in EGEE-II; ~20% less)
 - Grand total combining funded and unfunded contributions
 - No difference for execution of program of work!

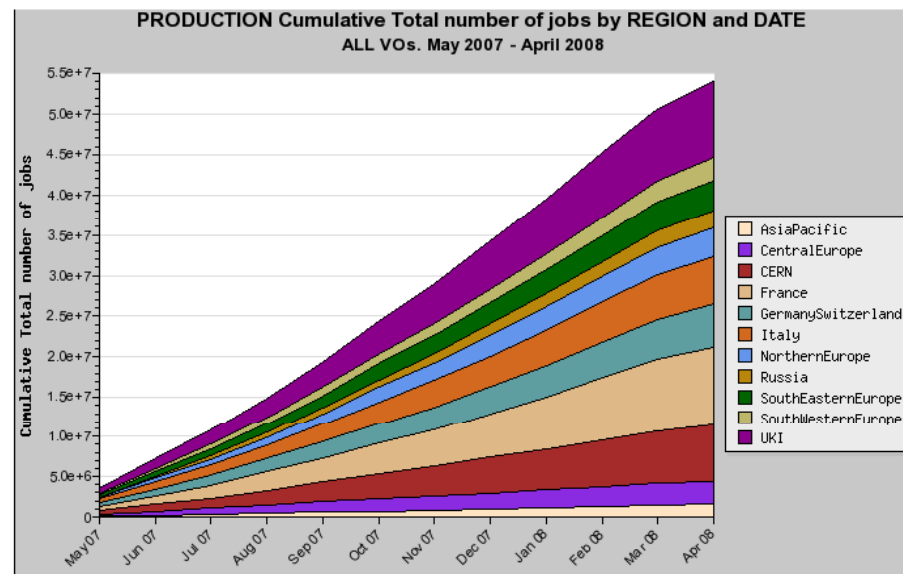
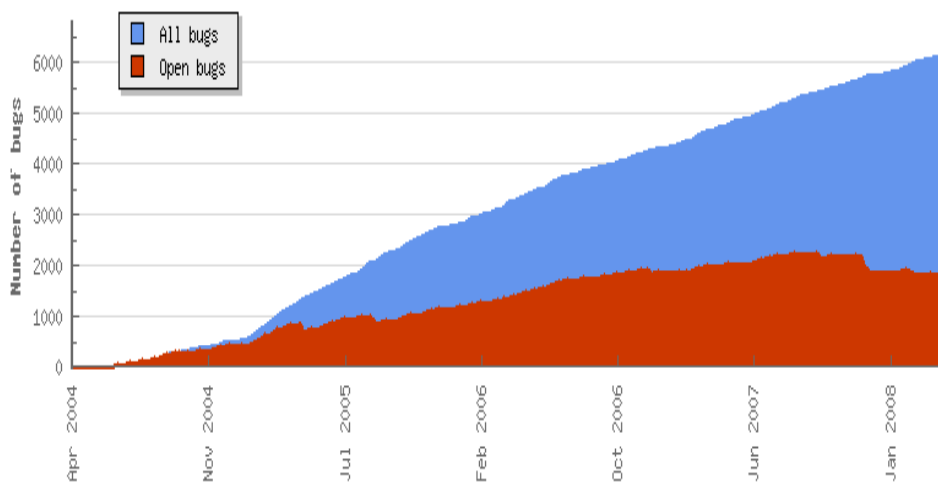
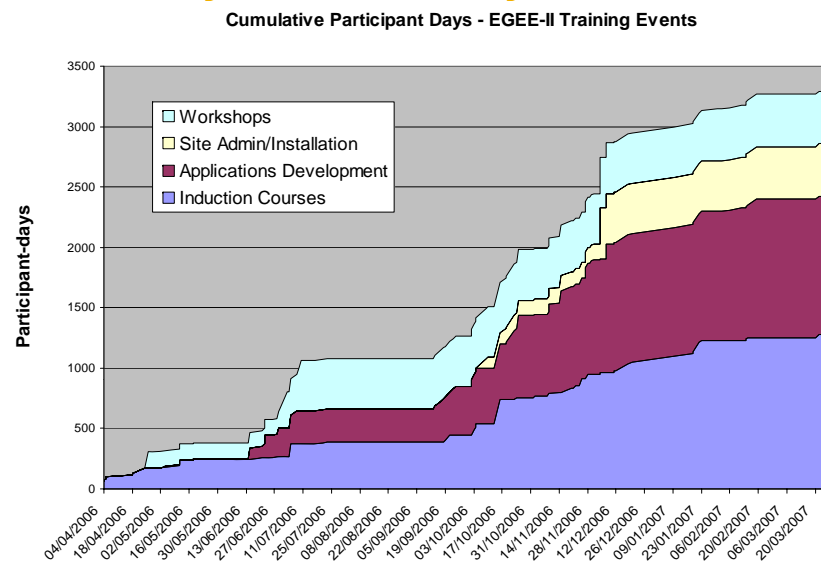
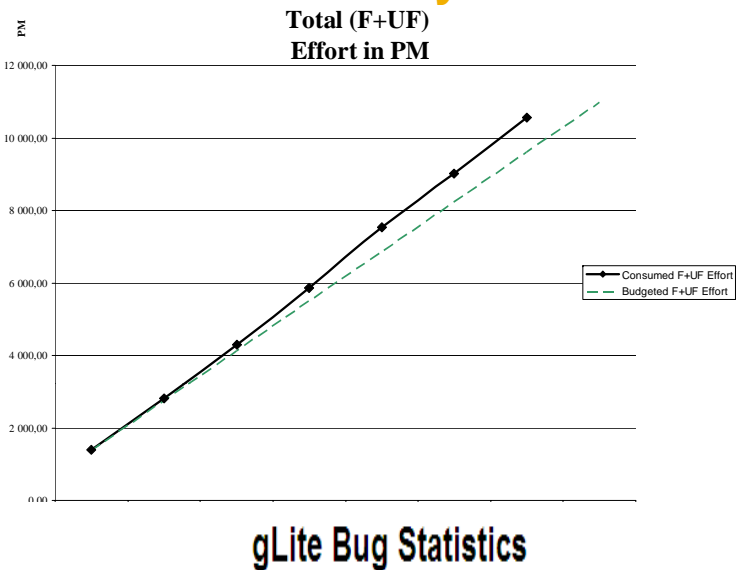


- **Execution plan required as MNA1.2 @ PM2 (June 2008)**
- **Extends the Description of Work by**
 - Adding further details to tasks (where appropriate)
 - More detailed subtask structure (where appropriate)
 - Clear understanding which partner does what
 - Partner, not beneficiary (JRU)!
 - Which persons will work on what task
 - Partner commitments detailed in Annex 3 of Consortium Agreement
- **Activity managers define the necessary level of detail for their activity execution plan**
 - Should provide a helpful tool for managing the activity
- **Reporting in PPT stays at first level subtasks as detailed in the Description of work and Consortium Agreement**
- **Activity execution plans due end of May 2008**
 - Partners (or technical contact) will be contacted by activity managers for details
 - Needs to be consistent with information in PPT

- **Assessment tool at each level:**
- **Project overall metrics**
 - Overall project metrics, defined in Description of Work
 - Need to define “target” values at end of Year 1 and Year 2
 - challenging but realistic
 - Defined in DNA1.2 “Quality Plan and Measurement Plan” (PM3)
- **Activity metrics**
 - Set of activity metrics to monitor the progress of each activity
 - Each activity provides “Activity Quality Assurance and Measurement plan” Mxxx.1 (PM2)
 - Tools or necessary manpower to provide metrics need to be foreseen
- **Partner metrics**
 - Monitor the progress of the programme of work in each country and the involvement of individual partners
 - => Federation reviews

- The **scale of the infrastructure** in terms of:
 - sites connected,
 - computing and storage resources made available to the user communities
- The **number of individual users, scientific domains and scale of their usage** of the infrastructure
- The number of users, site administrators and application developers **trained** in Grid technology
- The number of **outreach events** attended and organised, **contacts** made, and **media coverage**
- The number of **business sectors** engaged with EGEE
- The level of **user satisfaction** with the services provided by EGEE
- The **quality of service** provided by the infrastructure in terms of up-time, accessibility and user support

- A full set of activity metrics to be provided by each activity



Date

- **Progress on tasks and partner contributions reported regularly in**
 - Quarterly reports
 - Periodic report (yearly)
 - Cost claims (yearly)
- **Quarterly and periodic reports compiled by activity managers, cost claims by lead beneficiary**
- **EGEE-II introduced “partner reviews” within the activities to increase the communication and mutual understanding between activity mgmt and partners**
- **This is being expanded to “federation reviews” in EGEE-III**

- The EGEE-III consortium is notable by its size and the inclusion of Joint Research Units and National Grid Initiatives facilitating the evolution to national structures

	Asia	BLX	CE	CERN	DECH	FR	IT	NOR	RU	SE	SW	UKI	US	Total
# Countries	4	2	7	1	2	1	1	3	1	7	2	2	1	34
# Beneficiaries	5	2	7	1	2	3	3	4	1	7	2	3	2	42
# Participants	5	5	17	1	7	6	16	12	9	29	8	9	2	126
FTE	29	14	39	54	22	38	50	10	24	35	31	29	0	375

- **Goals**

- Monitor the progress of the programme of work in each country and the involvement of individual partners
- Provide a forum to discuss issues, examine progress and contribution and establish better communication between individual partners, the activity managers and project management
- Identify and promote regional successes and initiatives for re-use in other countries
- Verify the state of readiness for the transition to EGI

- **Specific Activity reviews continue**
 - Partner Activity Reviews will be organized according to the nature/size of each activity.
 - For example face-to-face meetings, monitoring by task managers/activity managers, supported by metrics program etc.
 - Details will be worked out as part of the activity quality plans (PM2).

- **To be completed before Federation Reviews and provided as input to the Quality Group**

- **Each country to provide a brief written status report during PM10 (Feb'09) and PM22 (Feb'10)**
 - Based on a template provided by NA1
 - 34 countries (including Asia and US)
 - JRU lead beneficiary responsible for compiling the report
 - Dates constrained by DNA1.6.1-2 (see below)
 - May be reviewed within the Federation before submission
- **Roles and activities in each country will be checked by NA1 and AMB, building on the material obtained from the activity reviews**
 - Monitor how partners have followed-up on the points raised in the activity reviews
 - Compare the results achieved to the programme of work (e.g., were the correct level of resources contributed to the infrastructure provided, etc.)
 - Active dialogue with the country (and federation) representative

- **Summary of progress and issues across all countries will be presented by NA1 during Collaboration Board meeting (probably at user forum event)**
- **Outcome of this review used to produce DNA1.6.1-2 Summary report of the Federation review**
 - PM11(March'09) and PM23 (March'10)

- **PM1 (May'08):**
 - NA1 provides guidelines and templates for what it is expected for Country Status Reports
 - Activity Execution plans delivered to PO
- **PM2 (June'08):**
 - Each activity provides “Activity Quality Assurance and Measurement plan” (Mxxx.1) describing in particular their Activity review process and outputs needed for Federation Reviews; details of activity metrics program
 - Project Execution plan due
- **PM3 (July'08):**
 - NA1 provides description of the full federation review and metrics process within DNA1.2 “Quality Plan and Measurement Plan”
- **PM9 (Jan'09) & PM21(Jan'10) - at the latest**
 - Specific Activity reviews
- **PM10 (Feb'09) & PM22 (Feb'10)**
 - Each country to provide Country Status Report
- **PM11(March'09) and PM23 (March'10)**
 - NA1 to present a summary of the Federation reviews during a CB meeting (before final version of DNA1.6.1-2)
 - DNA1.6.1-2 Summary report of the Federation reviews (PM11 & 23)