

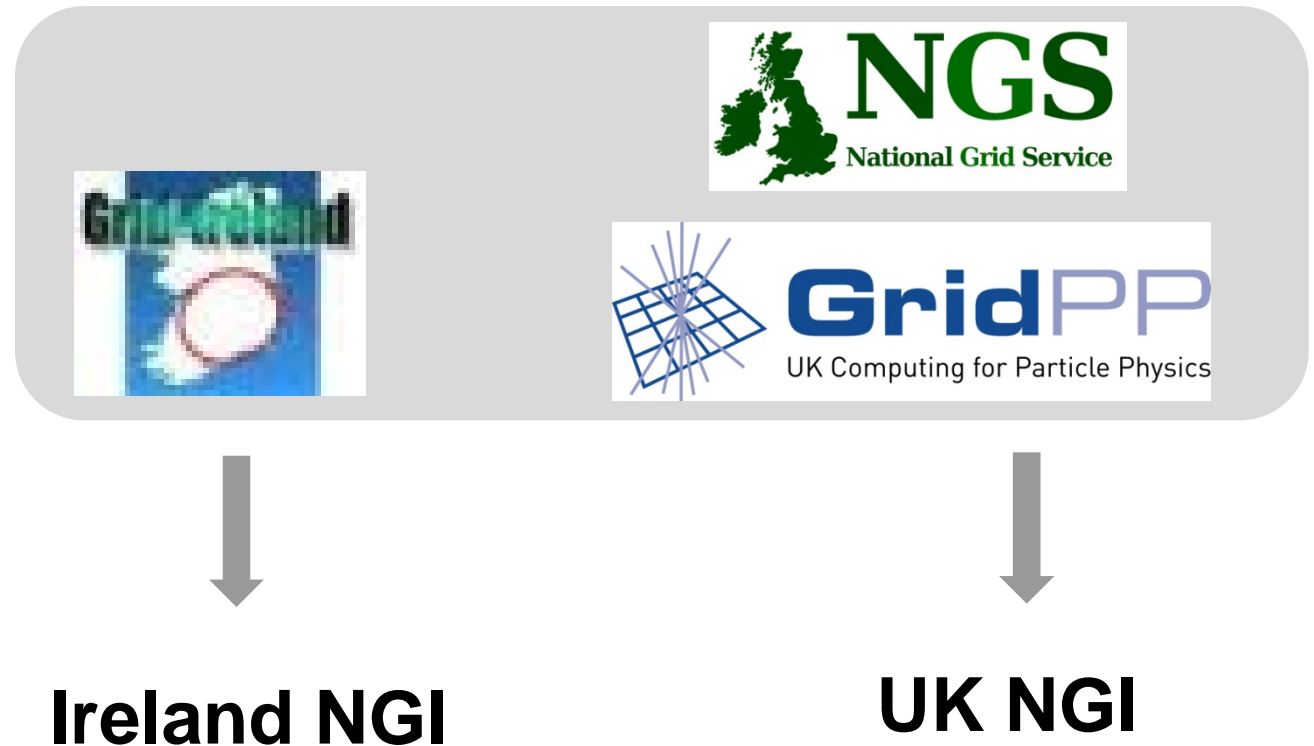
UK report

John Gordon, STFC

Pre-GDB, 12th May 2009

- Funding for NGS and GridPP extends to 2011
- There is JISC support for an NGI based on NGS
- Tier-2 support will continue through T2 coordinators (GridPP funded)
- Tier-1 support will continue as now (GridPP funded)

EGEE ROC



Services for WLCG

Task	Now	Future (NGI)
Configuration Repository (GOADB)	NGS	NGS + EGI
Accounting	NGS + GridPP	NGS + EGI
Monitoring	GridPP + NGS	GridPP
Helpdesk	NGS	NGS
Ticket Triage	GridPP	NGS+GridPP
Certification Authority	NGS	NGS
COD	GridPP + NGS	NGS+GridPP
VO	<ul style="list-style-type: none"> Shouldn't drop out of any services. 	
My		
BDII	NGS + GridPP	
FTS	GridPP	GridPP +
File Catalogues	GridPP	GridPP +
CIC Portal	-	NGS
Security Coordination (policy & operational)	GridPP	NGS
WMS	GridPP	

- NGS & GridPP – working closer on shared services
 - NGS and GridPP management structures likely to remain unchanged post-EGEEIII but will both have members on an NGI management board
 - Operations have started merging and this will continue during first years of the NGI as funding moves.

NGI operations

- How does the effort that today is part of the ROCs (e.g. COD, TPM, etc) for supporting the WLCG operations evolve? How will daily operations support be provided?
 - Currently TPM is provided by GridPP funded staff and this will continue to 2011.
 - The main operations support is currently provided by a “deployment team” which is mostly GridPP funded. We are currently looking at how individual posts remain funded under an NGI. There are clear operations overlaps with NGS operations that will increase (e.g. monitoring and ticket review)
 - COD is provided by a mixture of T1 (GridPP funded) and EGEE staff. As we move to a regional operations model the work will be shared amongst the EGEE staff with backup coming from GridPP T2 coordinators. If there is no EGI funding for NGIs then this last task is most at risk. Some NGI funding but probably not as much.

Status of planning

- Current work
 - Strategy group set up (2-3 members from each of NGS and GridPP) reporting to JRU
 - Service areas and current responsibilities reviewed
 - Actions in place to reduce interoperation issues
 - Funding sources under discussion (for future calls)
- NGI formation (questions & issues)
 - Who is the legal entity in the UK?
 - None of the obvious bodies are.
 - When/will the UK sign up?
 - We haven't been asked yet
 - Timescales are extremely tight
 - Especially for the bid
 - 2 projects in one NGI – room for more
 - Need to insure staff retained

The other questions

- Does the country intend to sign the Letter of Intent and MoU expressing the intention to be a full member of EGI?
 - Yes and Yes
- Which additional services could the Tier 1 offer if other Tier 1s are unable to provide them?
 - Any in principle
- What are the plans to maintain the WLCG service if the NGI is not in place by May 2010, or if EGI.org is not in place.
 - Operationally the NGI is in place today
 - There is GridPP and NGS funding until 2011. Enough to cover all services although some at reduced staffing if no EGI funding for NGIs

Other Issues to be addressed.

- Issues particular to the country, or general problems to be addressed.
- Traditionally the physics funding body (now STFC) does not fund things that others can provide.
- Post 2011, funding for GRidPP is likely to be on the assumption that EGI/NGI activities will be provided by others, both in and outside the UK.
- If there is no EGI then it is likely to be assumed that CERN will manage this infrastructure for WLCG.

ADDITIONAL INFORMATION

Tools



Certification Authority

- Already 2 national instances, no change



Regional Repository

- GOCDB
- PLAN - Regionalised, customised GOCDB instances
- One for Ireland, one for UK – shared by GridPP & NGS

- UK (STFC) prepared to develop & maintain GOCDB beyond EGEE

Tools

- I Accounting
 - APEL
 - NGS could move towards using APEL in future
→ common UK solution?
 - UK prepared to run APEL central for WLCG/EGI

- Monitoring
 - NOW – site-level Nagios
 - UK testing own UKI-level Nagios
 - In future may run multiple Nagios within UK (e.g., T1, projects)
 - No firm plans yet for UKI SAM db or portal but will follow EGEE III Rollout

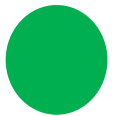
Operations support



COD

– T1  T2

– r-COD, starting June 2009



- SLA monitoring
 - ROC to GRID SLD's
 - Grids monitor individual sites

Security, International Tasks

- Security
 - Joint GridPP/NGS/EGEE security officer
 - EGEE Deputy Security Officer, OSCT
 - Participates in relevant international bodies
- - International participation
 - Already active
 - e.g., OSG & TERAGRID interoperability with NGS
 - Participate in OGF GIN

User Support

- Regional Support Centres – UK & Ireland
 - Ireland regional helpdesk
 - UK – one regional helpdesk for NGS & GridPP
 - GGUS & local Footprints system
 - Other local helpdesks, e.g., T1, NGS-Oxford
- - Helpdesk triage
 - Currently GridPP staffed, could expand