

Collaboration synergies between EGI and WLCG

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- Starting with EGEE and OSG in 2004, and with EGI as of 2010, many activities that are important to WLCG deployment and operations have been **delegated** to the underlying infrastructures
- WLCG is the biggest user of EGI and OSG
- WLCG needs to devote significant effort to allow data transfer and computing activities of the LHC experiments and related VOs to keep going as smoothly as possible
- At the same time, WLCG relies on services and activities **funded** through EGI and OSG
- There is an active MoU between WLCG and EGI, currently being revised



- Infrastructure catalogue – GOCDB
 - Site services, downtimes, contacts

- CPU accounting – APEL, Accounting Portal
 - WLCG storage accounting goes via WLCG services

- Helpdesk – GGUS
 - Portal, interfacing to ticket systems at sites
 - 2nd level support



- Monitoring – Nagios, ARGO
 - Complementary to WLCG monitoring
 - Issues followed up by EGI Operations

- Operations services – Operations Portal
 - VO cards, broadcasts
 - Dashboards are used by EGI Operations

- Federated identity support – Check-in
 - Facilitating access to high-level services



- UMD release management & repositories
 - Serving stable, verified MW versions with staged rollout
- MW & operations documentation
 - Wiki pages
- MW upgrade campaigns
 - Complementary to WLCG efforts
 - Followed up by EGI Operations and 2nd level support

- Security coordination, monitoring and incident response
 - CSIRT, SVG, security challenges
- Security policy work
 - Cross-domain harmonization of policies and technologies



- Long-term **sustainability** through EGI fees and engagement with multiple projects
- **Mature** Service Management System (SMS) expectations, required as part of EGI criteria
 - **FitSM, training**
- **Openness** of technologies, source availability, avoidance of vendor lock-in
- **Accountability** ensuring alignment of service development roadmaps with stakeholder needs
 - **Via WLCG GDB/MB and EGI OMB**



- Collaboration on the **evolution** of technologies and services
 - MW campaigns, new AAI paradigms

- Supplementary **support** for deployment activities
 - Expert contributions to DPM 1.14 deployment campaign, just started for the DOMA TPC WG
 - EGI funding for DPM planned at ~0.2 FTE level for 30 months to help with testing, deployment and support, particularly for non-HEP use cases

- **Engagement** with other communities
 - HEP technology spin-offs e.g. DIRAC, CVMFS



	EOSC-hub (2017-2020) Existing funding (PM/yr) (inc. 15% EGI + 15% unf.)	2021-2023 Planned funding (PM/yr) (75% EGI + 25% unf.)	EOSC-Future (2021-2023) Planned funding
UMD/CMD QA UMD/CMD Infrastructure	24	22	-
Monitoring, Messaging, Accounting & Security tools	41	25	28
Configuration Database Accounting Repo & Portal + Information system (GOCDB, APEL etc.)	33	49	8
Security coordination and policy	45	58	7
Helpdesk	5	4 (15% EGI + 85% unf.)	13.2
Human Helpdesk Support	18	12.5	-

Note! Some numbers are approximate due to different groupings of activities within projects. Future funding is partially dependent on the successful evaluation of projects. Some work will be benefitting WLCG indirectly, e.g. the EOSC-Future funded activities.



- EGI and WLCG have mutually profited from **10 years** of collaboration!
 - Operations
 - Technological evolutions
 - Policies
 - Spin-offs

- As part of the upcoming EOSC era, EGI will **continue** serving the interests of **major stakeholder** WLCG

- EGI depends on continued **funding** for the relevant services and activities
 - **Mainly from EGI Council member states!**