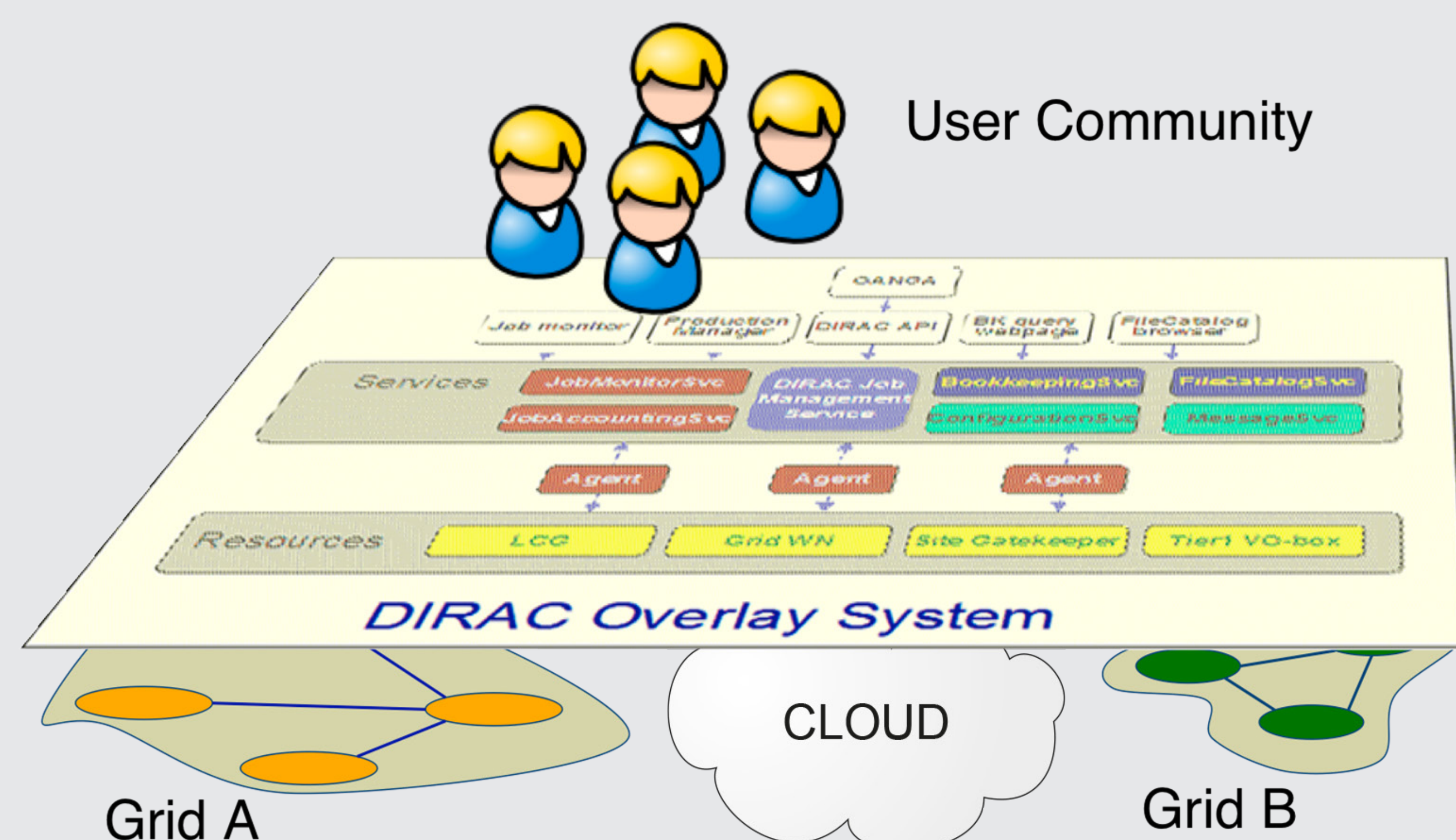


DIRAC Interware multi-community instance

What is DIRAC?

DIRAC provides software and services to build ad-hoc grid infrastructures interconnecting computing resources of different types. This allows to speak about the DIRAC **interware**.



French Instance

What for?

- Provide a general purpose service to simplify access to any kind of distributed **computing resources**
- Facilitate new communities access to Grid and Cloud infrastructures, help in application **gridification**
- Optimise efficiency of computing **resources usage**
- Share the service maintenance **efforts**
- Coordinate DIRAC service **user support** and tutorials
- Develop DIRAC **experts** community, provide feedback to DIRAC **developers**
- Offer a technology evaluation **test bench** for large communities designing their future **computing models**

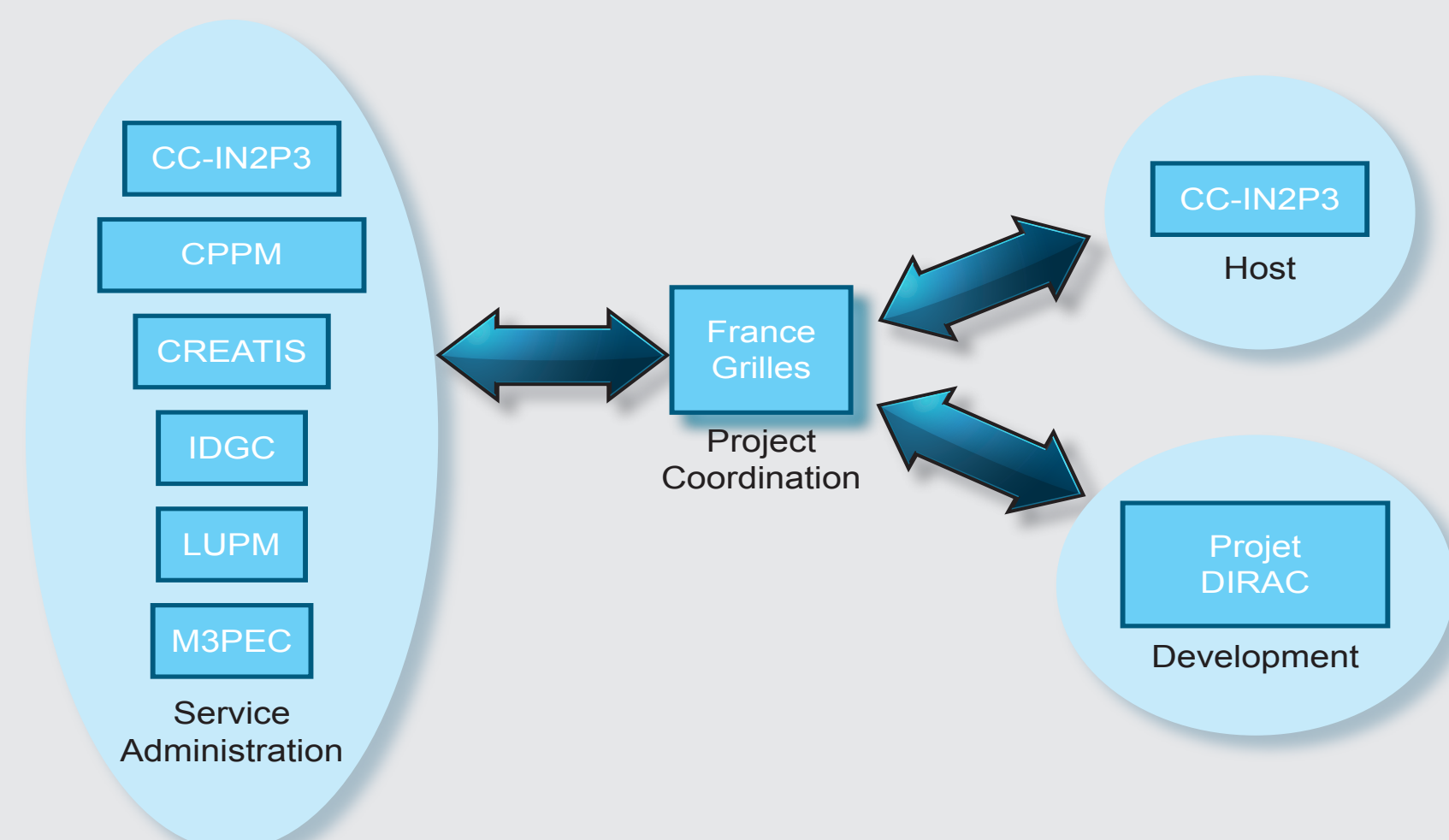
For whom?

Progressively opening to different Virtual Organizations (VO):

- Currently **16 VOs**:
 - **Multidisciplinary** (vo.france-grilles.fr, vo.msfg.fr, vo.mcia.fr, euasia.euasiagrid.org, prod.vo.eu-eela.eu, vo.france-asia.org)
 - **Dedicated to training** (vo.formation.idgrilles.fr, gilda)
 - **Life Sciences** (biomed)
 - **Astrophysics** (glast.org et astro.vo.eu-egee.org)
 - **Earth Sciences** (esr)
 - **High Energy Physics** (superbvo.org)

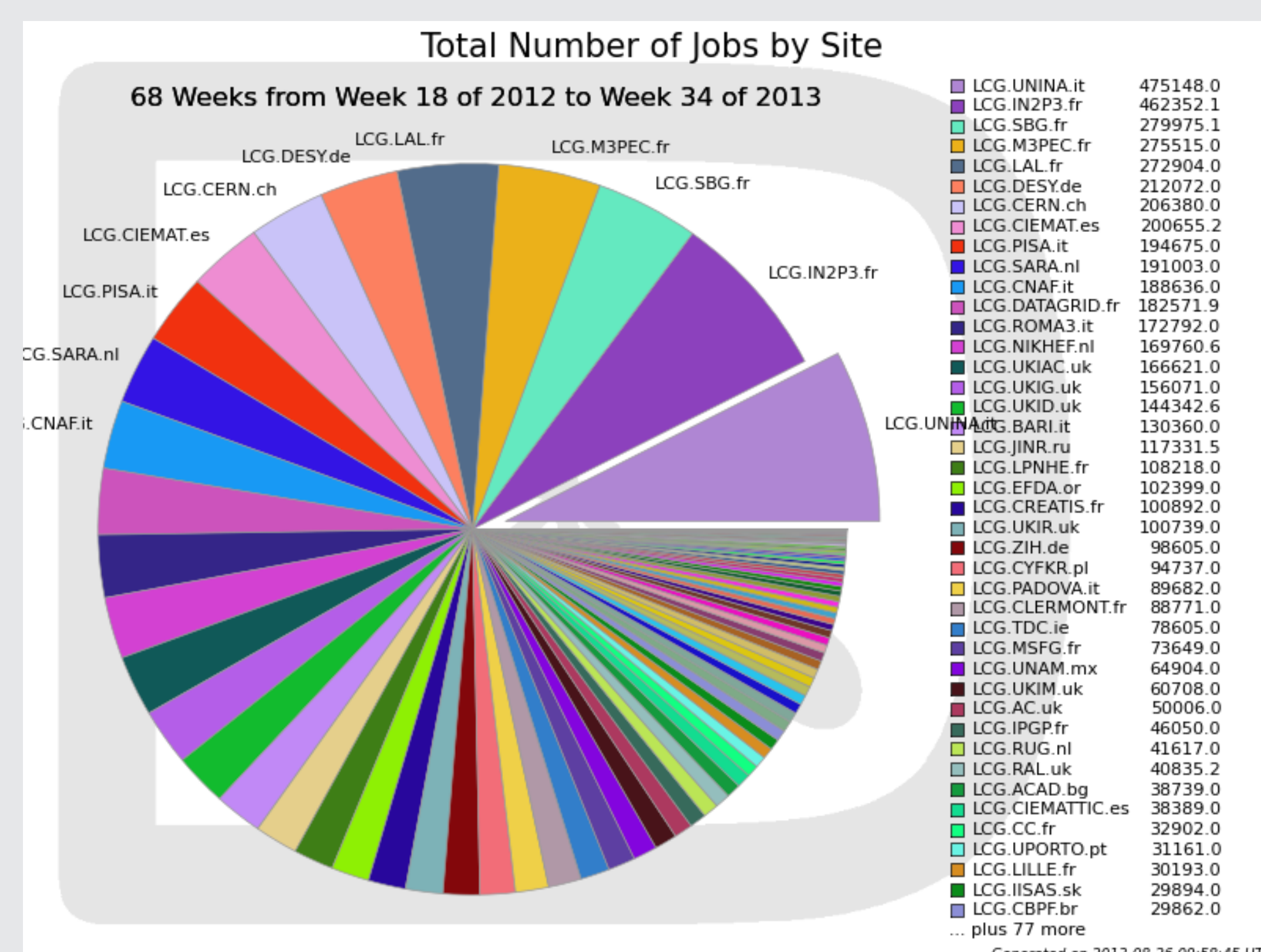
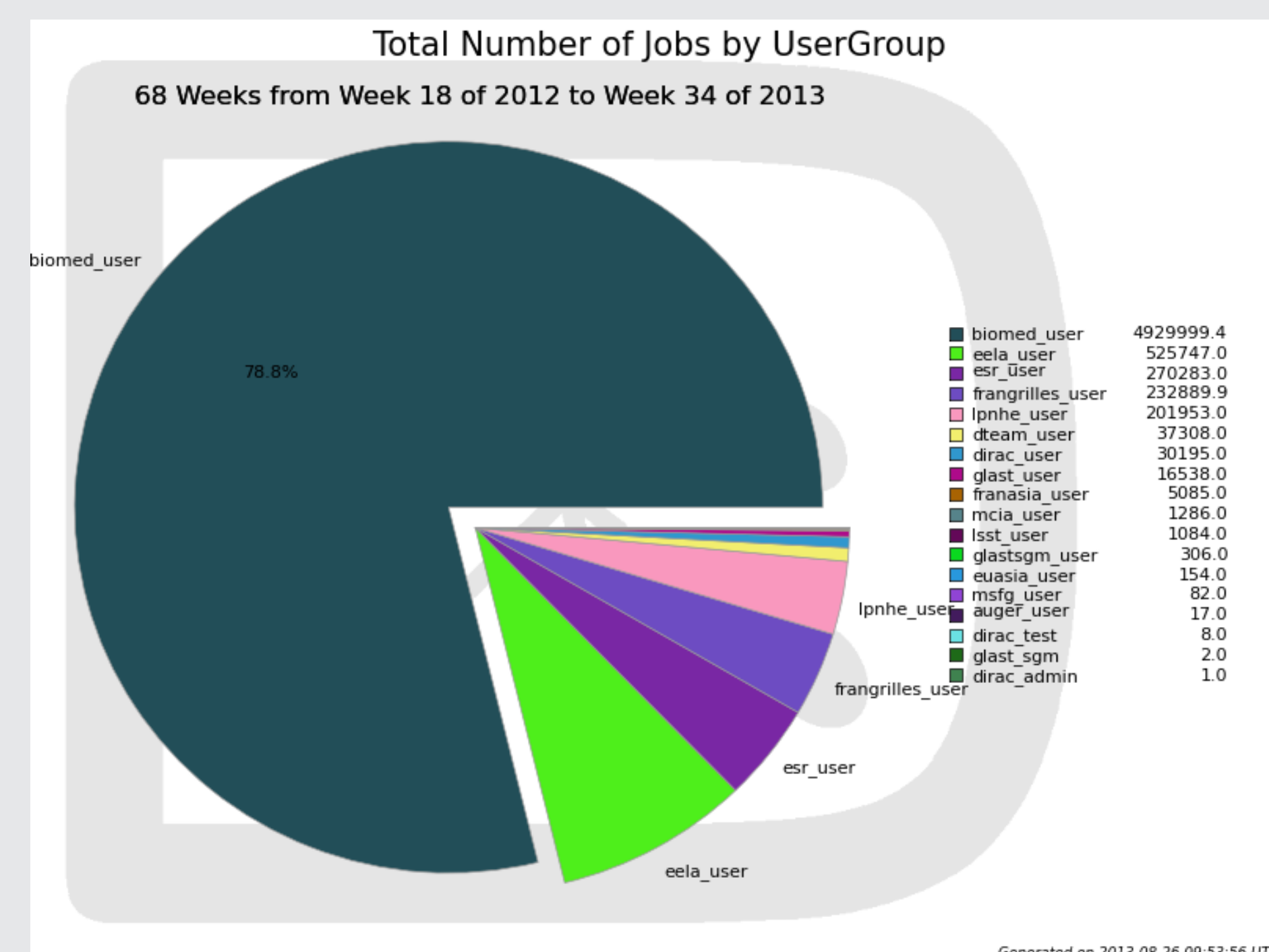
Participants

- DIRAC Service is coordinated by **France Grilles**
- Hosted by the **CC-IN2P3** in **Lyon**
- 5 universities and laboratories participate in the service administrators team



Results

- More than **6.500.000 user jobs** ran since production started in May 2012 in more than **120 sites**



Contact: info@france-grilles.fr

