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Enabling Grids for E-sciencE

P-GRADE Portal hands-on using the EGEE GILDA VO
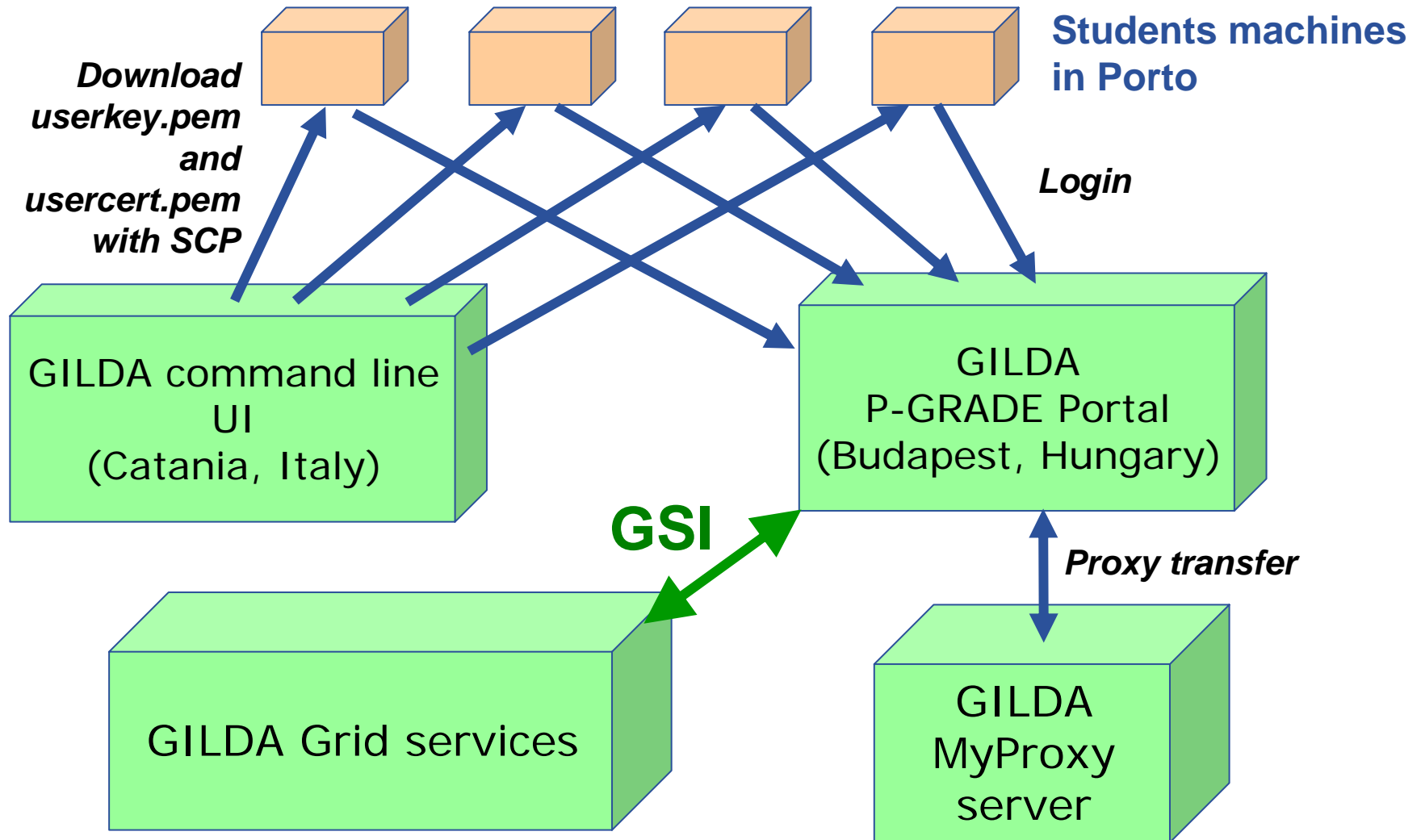
www.eu-egee.org

Information Society

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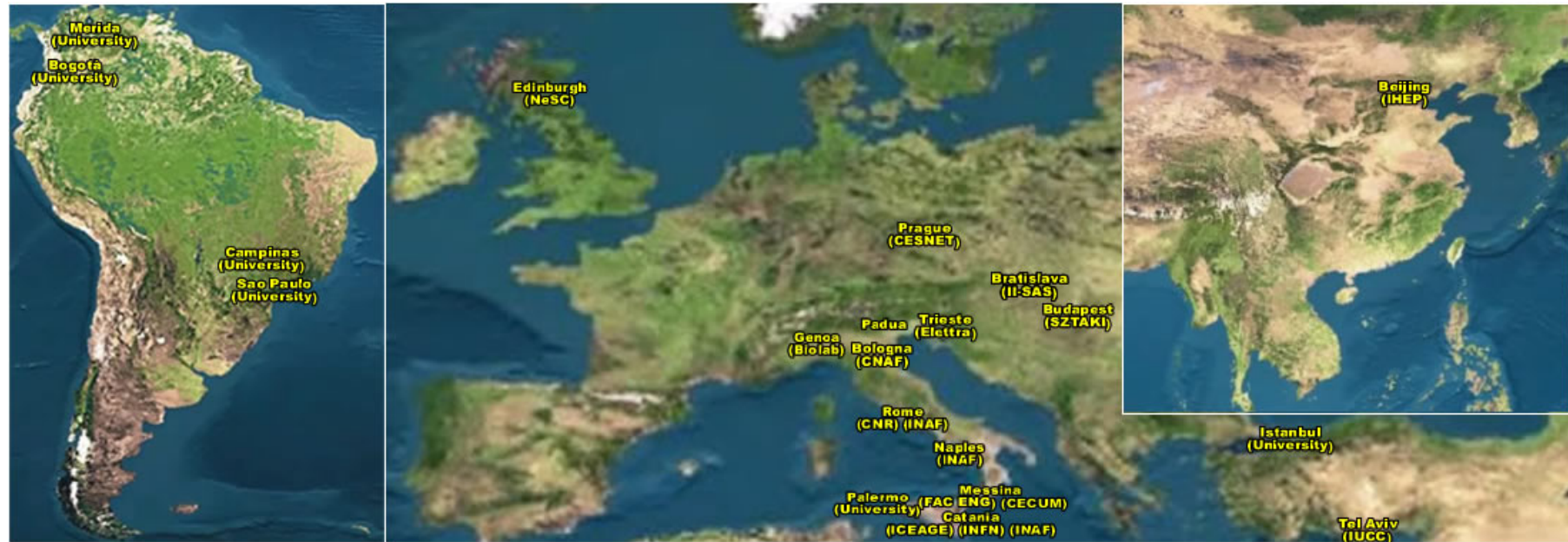
- **gLite 3** middleware
- higher level tools (including a P-GRADE Portal installation)
- **ANYBODY** can join GILDA VO and get an account for P-GRADE
- Has its own CA, issues renewable certificates with 2 weeks lifetime
- Primary role is to provide infrastructure for grid training events

Enabling Grids for E-sciencE

- **Tutors obtained certificates from GILDA CA**
- **Tutors registered these certificates at GILDA VO**
- **Certificates and keys are available on one of the GILDA user interface machines: glite-tutor.ct.infn.it**
  - in PEM format
  - in P12 format

- **Tutorial starts at this point...**

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Students machines in Porto

Download userkey.pem and usercert.pem with SCP

Login

GILDA command line UI (Catania, Italy)

GILDA P-GRADE Portal (Budapest, Hungary)

GSI

Proxy transfer

GILDA Grid services

GILDA MyProxy server

Enabling Grids for E-sciencE

- **egeena4.lal.in2p3.fr**
- **Application areas**
  - Astrophysics
  - Biomedical
  - High-energy phisics
  - Comp. chemistry
  - Geophysics
  - Earth science
  - Finance
  - …
- **Inter VO communication**
  - Wiki pages
  - Mailing lists
  - …