



Enabling Grids for E-science

Training in EGEE-II

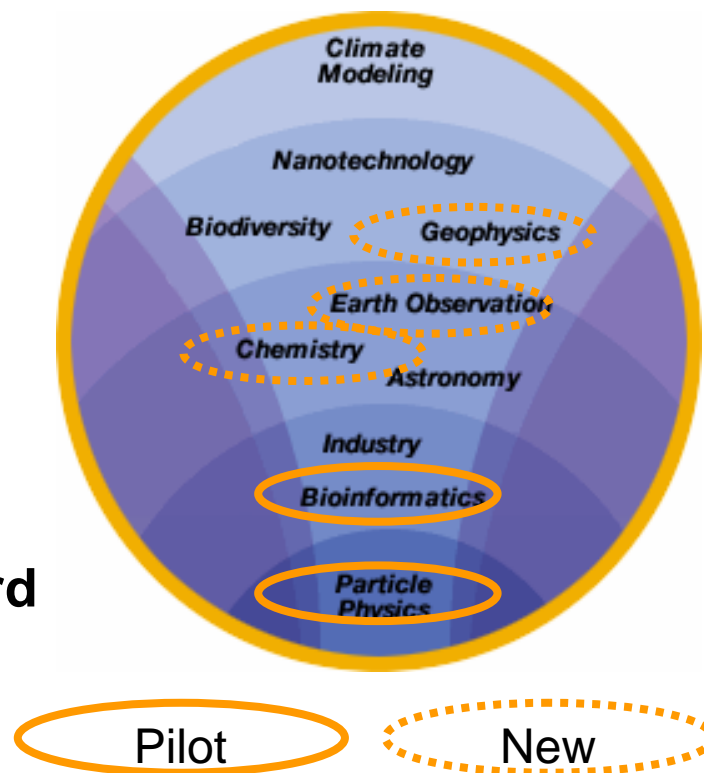
Mike Mineter

(Some slides from Brendan Hamill)

www.eu-egee.org

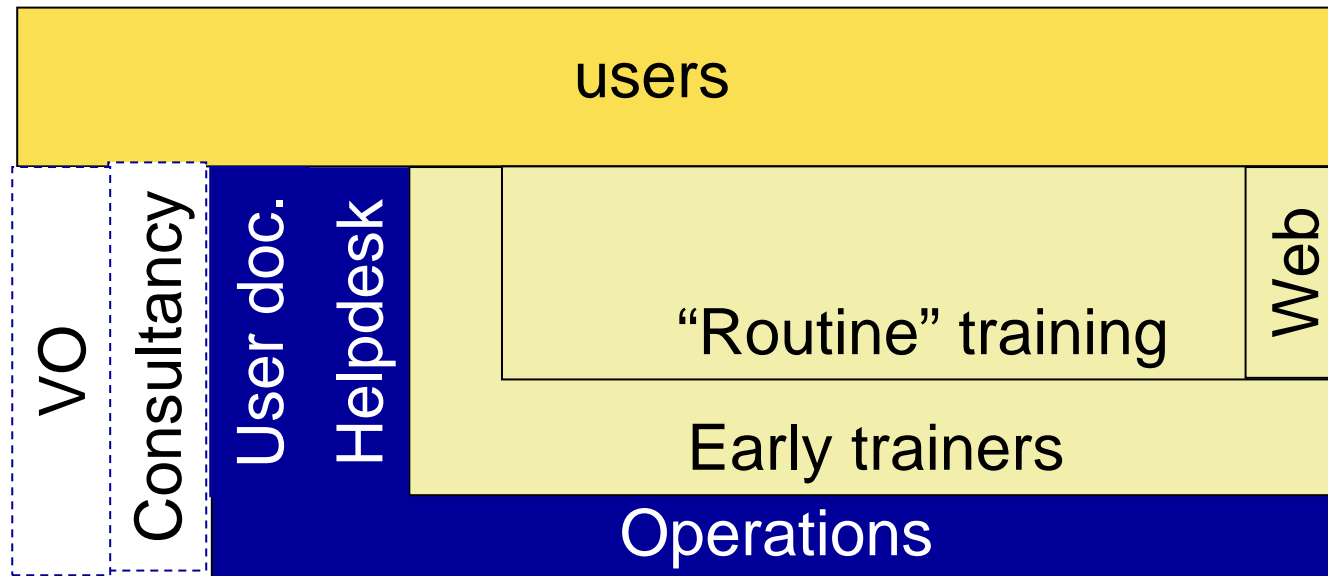


- **Established production quality sustained Grid services**
 - 3000 users from at least 5 disciplines
 - Goal was to integrate 50 sites into a common infrastructure → currently 180
 - offer 5 Petabytes (10^{15}) storage
- **Demonstrated a viable general process to bring other scientific communities on board**
- **Secured a second phase from April 2006**

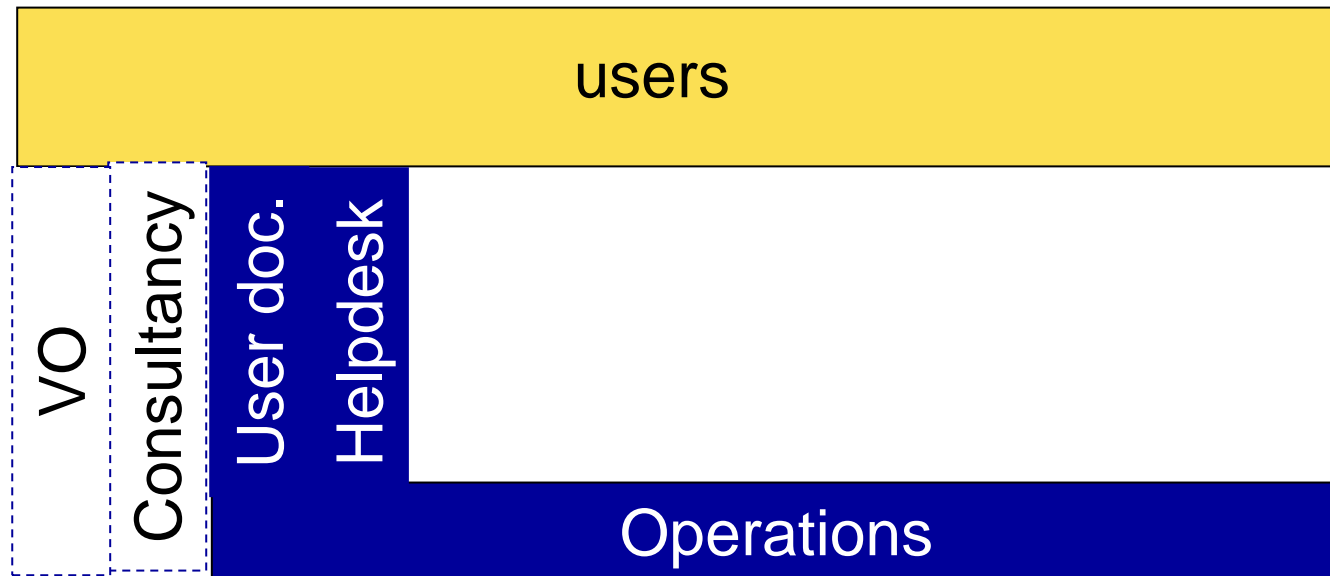


What are trainers for?

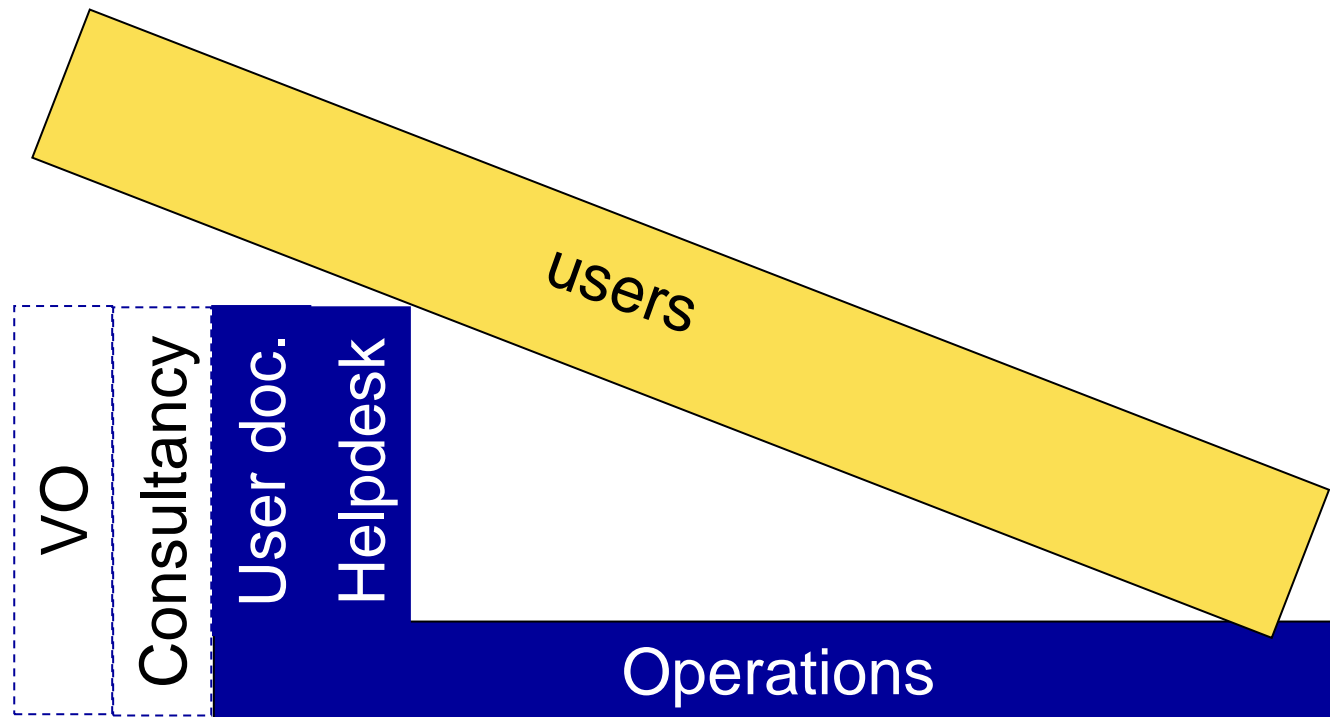
- **EGEE Goal: many effective and active users in many locations**
- **Technology is supported by a small number of people**
- **Training helps to make this feasible and scalable (EDG proved that!)**

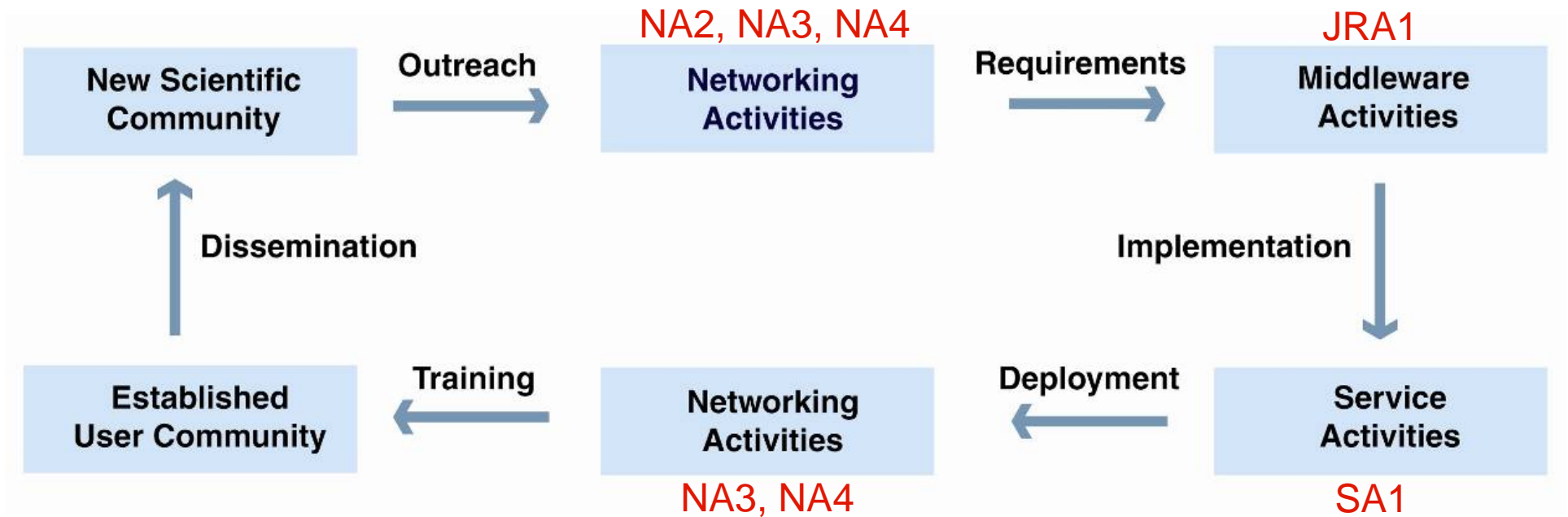


- **Users uninformed, Support staff overloaded**



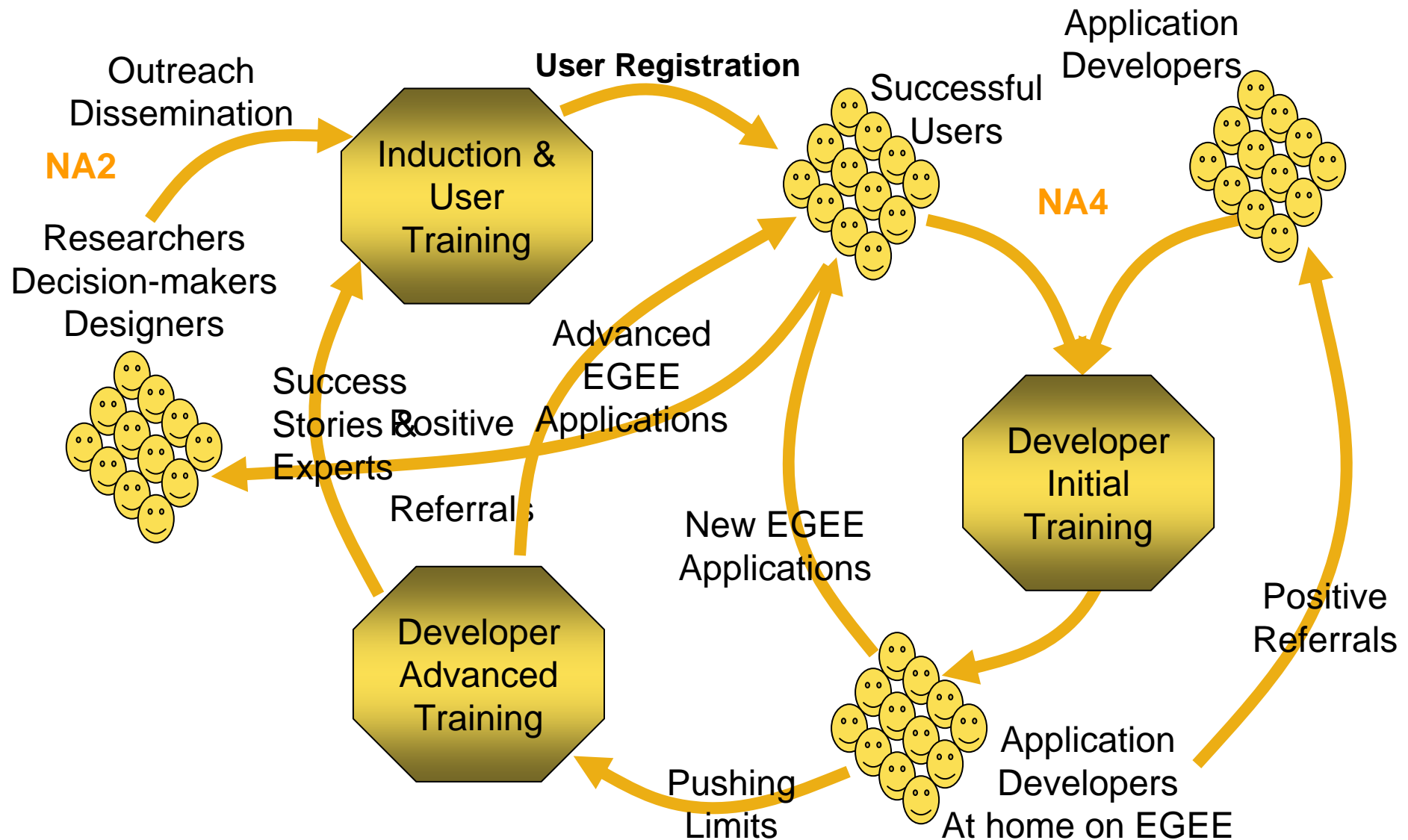
- **Users uninformed, Support staff overloaded**
- **Downward slope**





Building effective user communities

Gaining new and effective users



SA: service activities

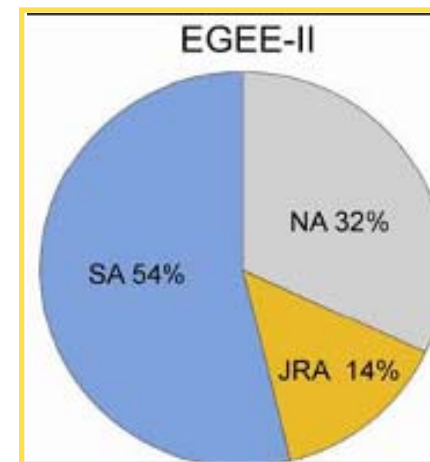
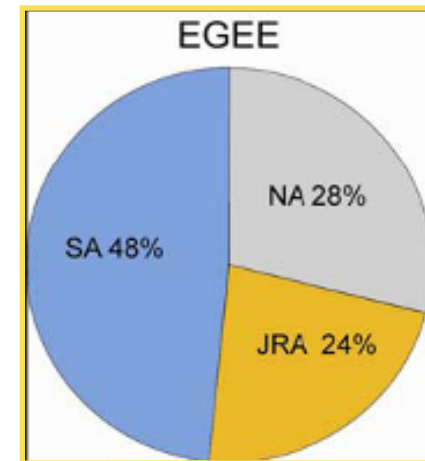
- establishing operations

NA: network activities

- supporting VOs

JRA: “joint research activities”

- e.g. hardening middleware



- **30 Active partners (vs. 22 in EGEE)**
- **~ 31 FTEs (4.9% of project budget)**
- **135 Individuals**
- **6 Federations**

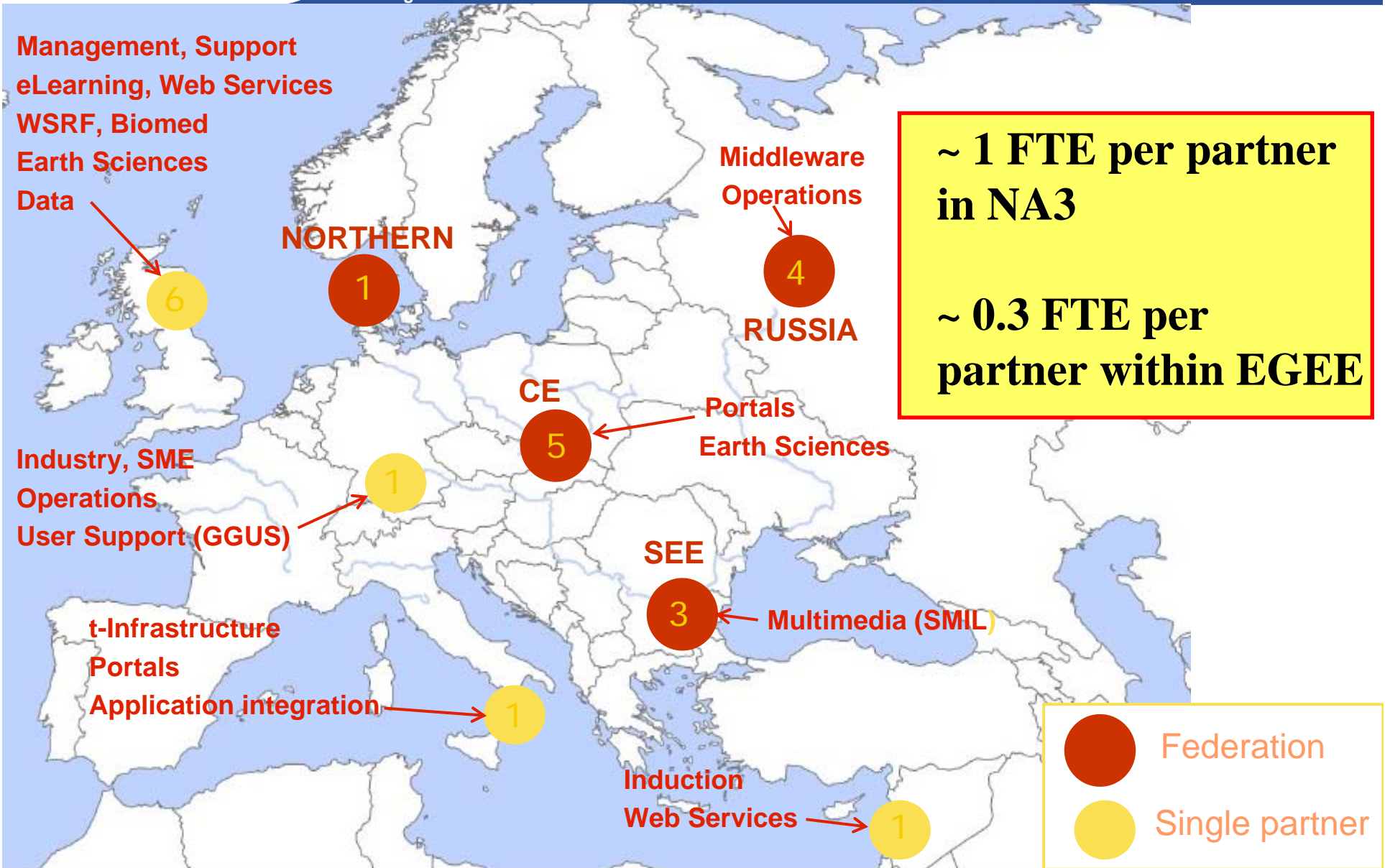


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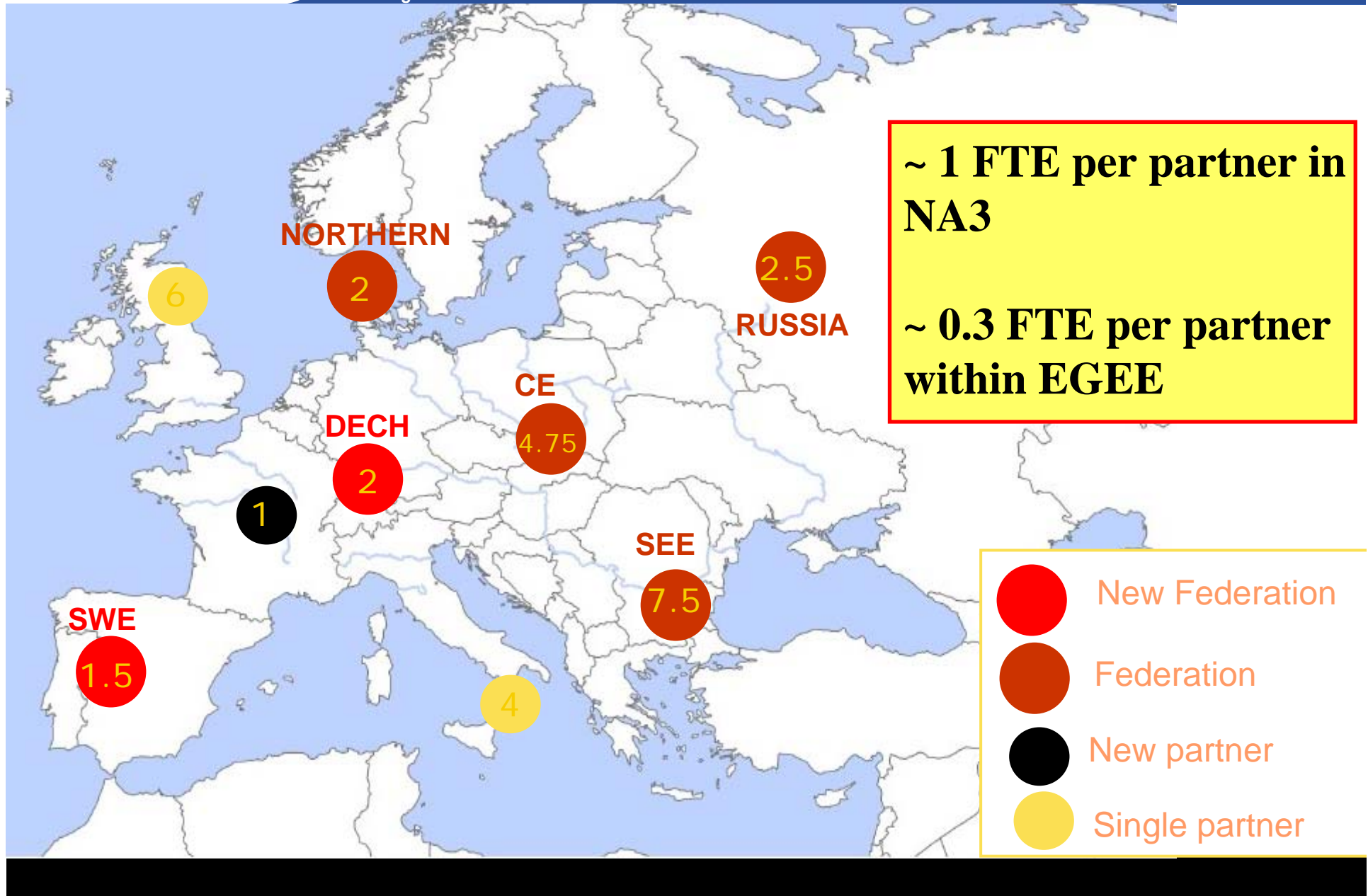
NA3 Activity Partners in EGEE-II

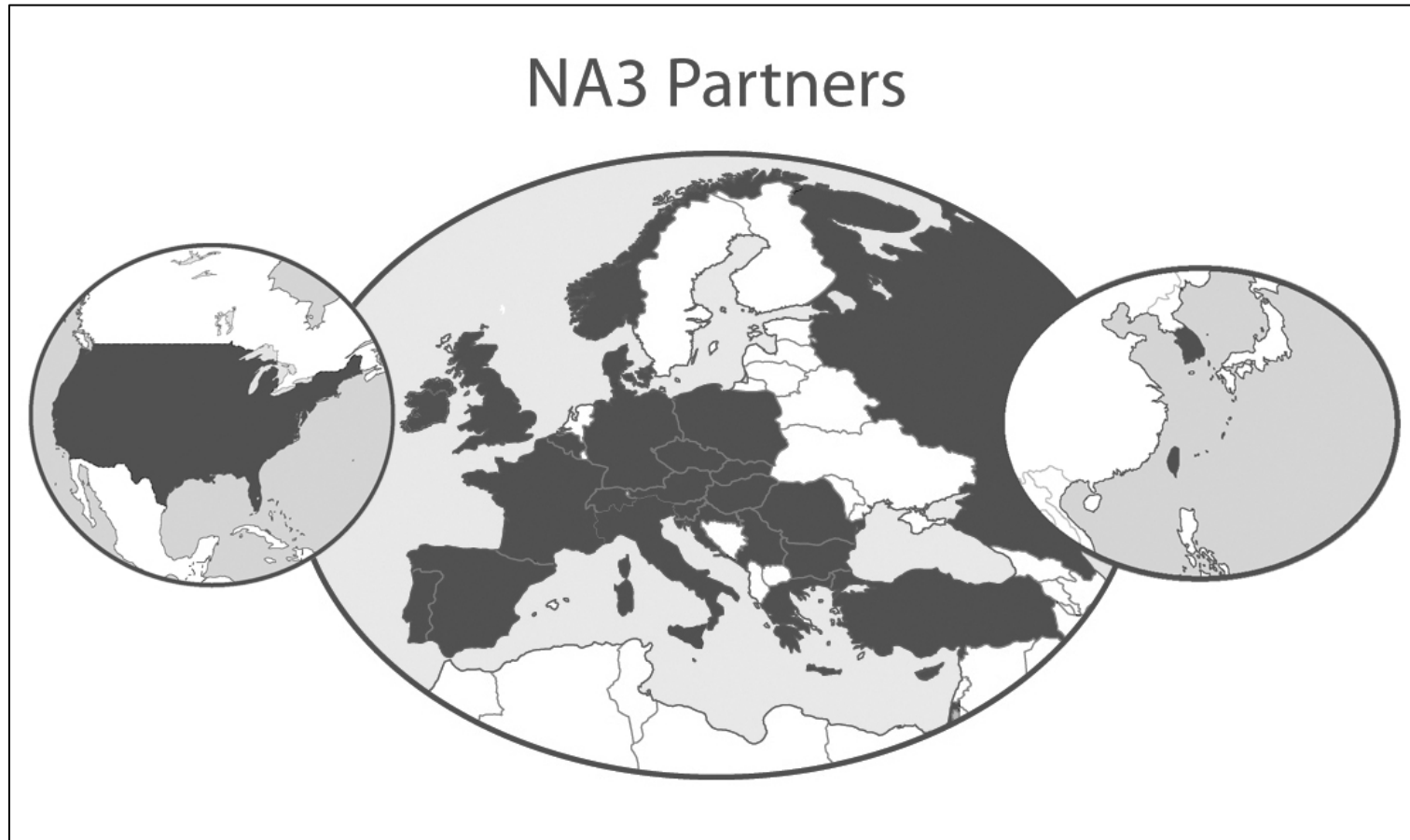


NA3 effort in EGEE phase 1



NA3 effort in EGEE-II





- **(5) Reinforce the "Training the Trainer" events in the remainder of the project to ensure a sufficient number of high quality trainers remains available in the future to cover the diversifying and even more demanding training topics.**
- **(7) Expand the training activities for Grid infrastructure administrators and application developers.**
- **(8) Mandate the Industry Forum to gather and consolidate input from industrial users to prepare course material specifically tailored to industrial user needs.**

Two valuable training assets were recognised in EGEE phase 1:

- **The GILDA training Grid which offers limited certification for trainees;**
- **The use of isolated clusters for admin/installation courses in the UK and at FZK in Germany.**

- **30 partners, 31 FTES and 135 individuals in NA3**
- **Most partners have allocated effort as committed**
- **e-Learning library now operational**
- **Further e-Learning modules planned**
- **t-infrastructure expanding as planned**
- **Issues with effect of new middleware on courses**