



Enabling Grids for  
E-science in Europe

[www.eu-egee.org](http://www.eu-egee.org)

# EGEE Networking Activities

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EGEE is a project funded by the European Union under contract IST-2003-508833

# Contents

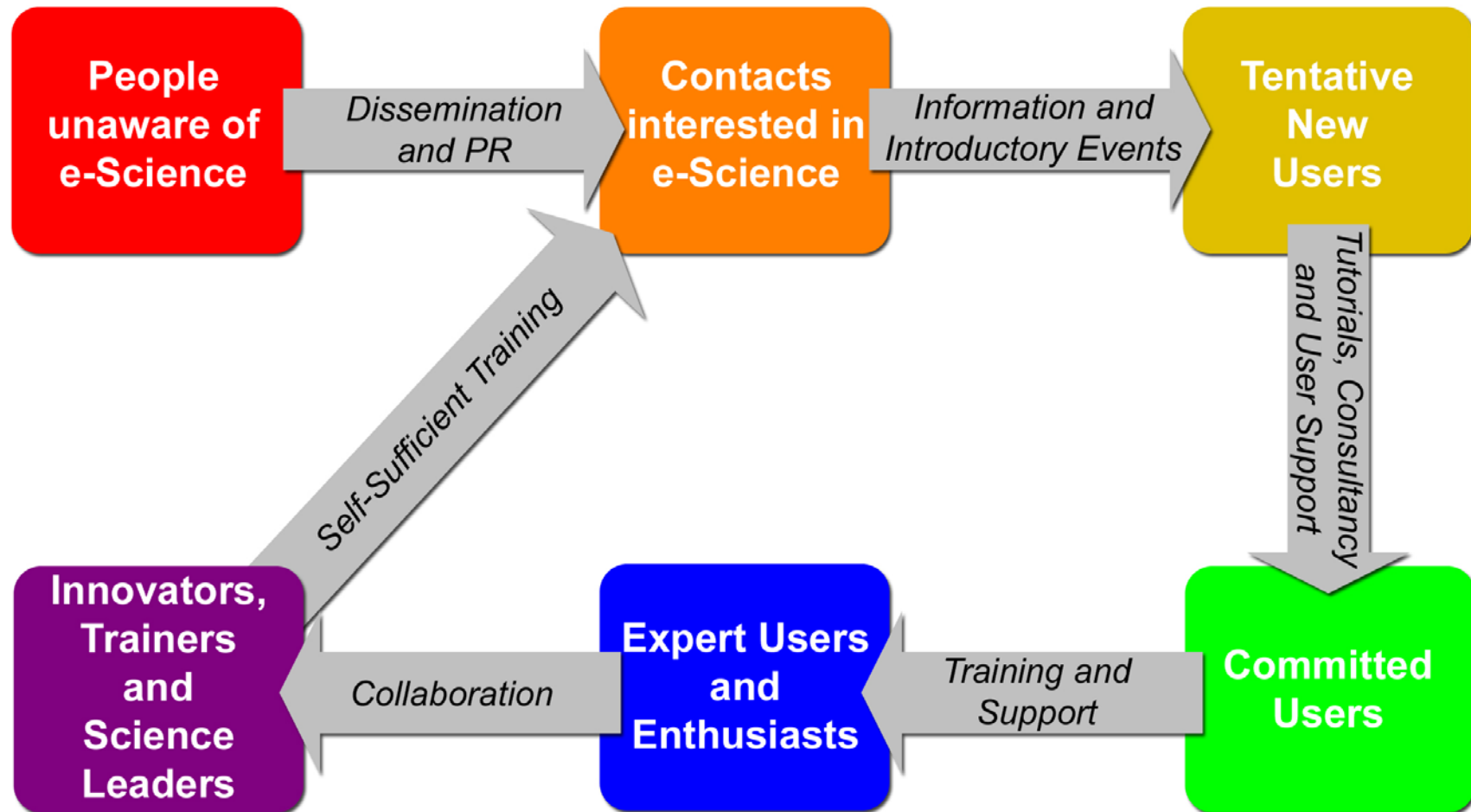
- What are the Networking Activities?
- Building new and effective VO's (user communities)
- The Training activities
- Summary



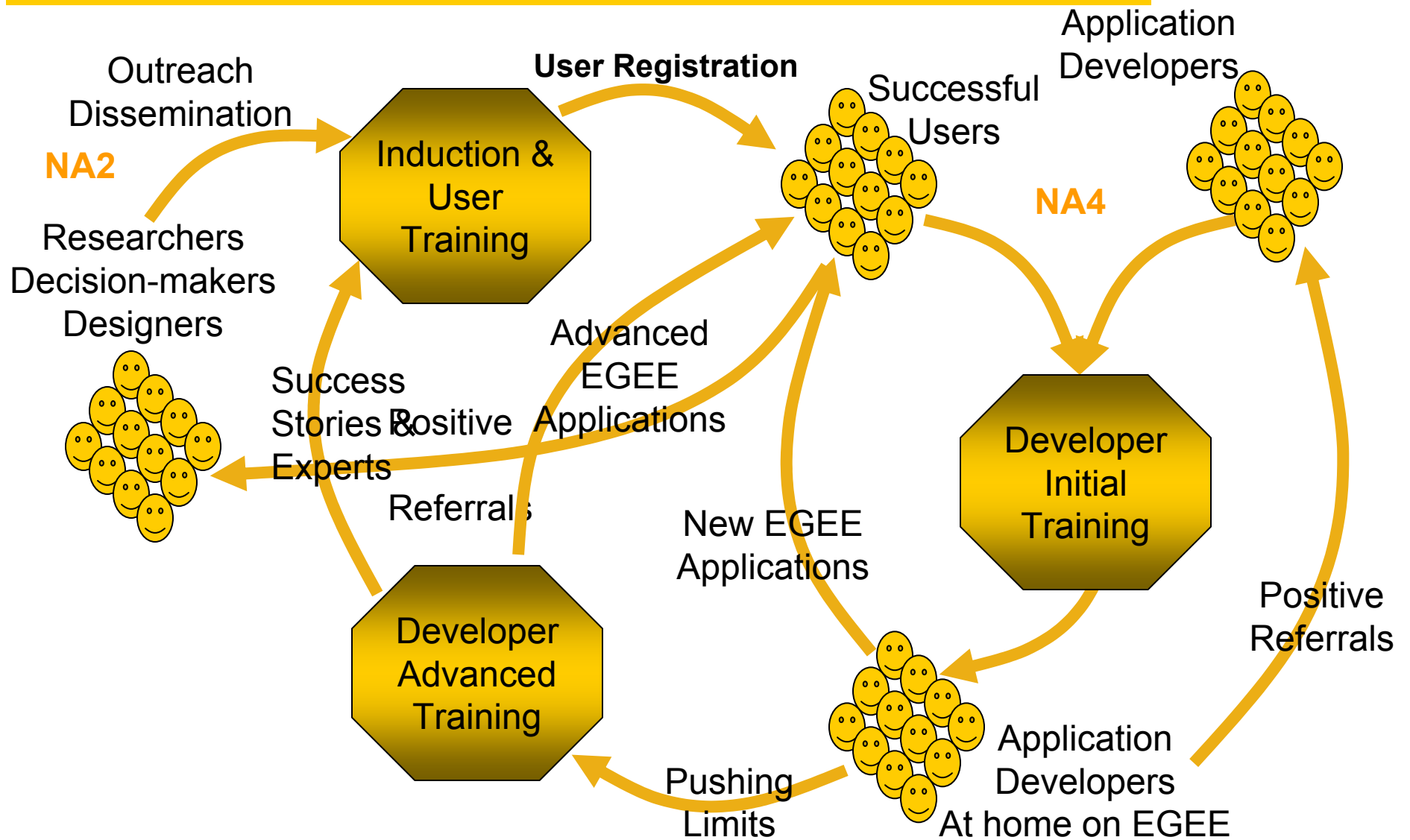
# (Human) Networking Activities

- EGEE will
  - Develop and deliver a production Grid service
  - Benefit the widest possible range of virtual organisations
  - Support *effective* use of the infrastructure
  - Link with other regional and international Grid initiatives
- Dissemination and Outreach (NA2): 5% of EGEE budget
  - Dissemination – to actively promote and raise awareness of the EGEE project
  - Outreach – to identify and contact potential new user communities
- Training and Induction (NA3): 4% of EGEE budget
  - Induction – to introduce and orient - users and members
  - Training – to create, collate, make available and deliver material and courses
- Application Identification and Support (NA4)
  - Process for selecting new application areas
  - Supports selected VO's in porting applications
- International cooperation (NA5)

# Gaining new and effective users

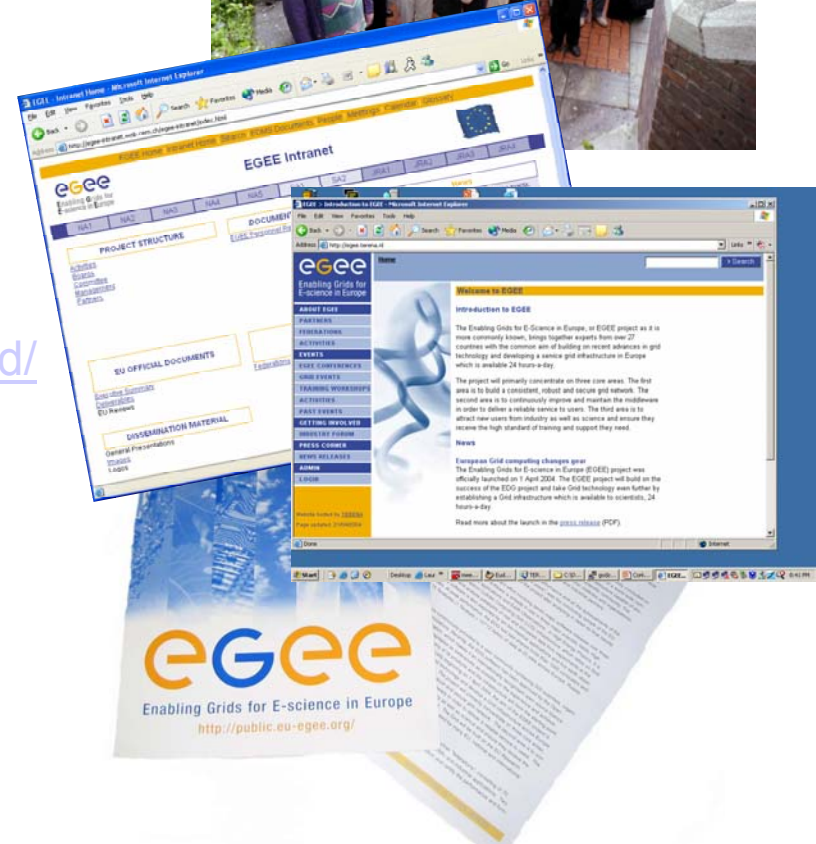
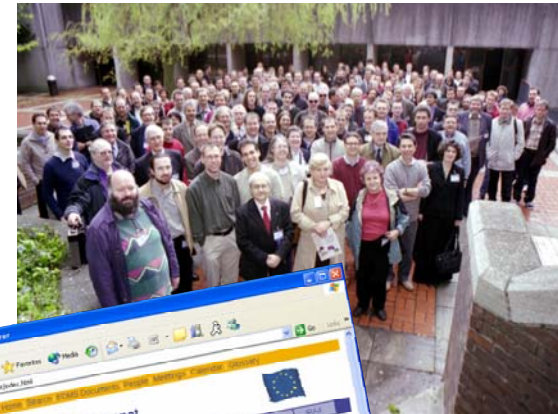


# Gaining new and effective users



# Dissemination

- 1<sup>st</sup> project conference
  - Over 300 delegates came to the 4 day event during April in Cork Ireland
  - Kick-off meeting bringing together representatives from the 70 partner organisations
- 2<sup>nd</sup> conference scheduled
  - 22-26 November in The Hague
  - <http://public.eu-egee.org/conferences/2nd/>
- Websites, Brochures and press releases
  - For project and general public
  - **[www.eu-egee.org](http://www.eu-egee.org)**
  - Information packs for the general public, press and industry



# User training and induction

- Training material and courses from introductory to advanced level
- Train a wide variety of users both internal to the EGEE consortium and external groups from across Europe
- ~20 courses/presentations already held and many more planned
- Experience with GENIUS portal and GILDA testbed
- Courses inline with the needs of the projects and applications





# Procedure for a new VO (I)

- 0) Review information provided on the EGEE website ([www.eu-egee.org](http://www.eu-egee.org))
- 1) Establish contact with the EGEE applications group lead by Vincent Breton ([breton@clermont.in2p3.fr](mailto:breton@clermont.in2p3.fr))
- 2) Provide information by completing a questionnaire describing your application
- 3) Applications selected based on scientific criteria, Grid added value, effort involved in deployment, resources consumed/contributed etc.



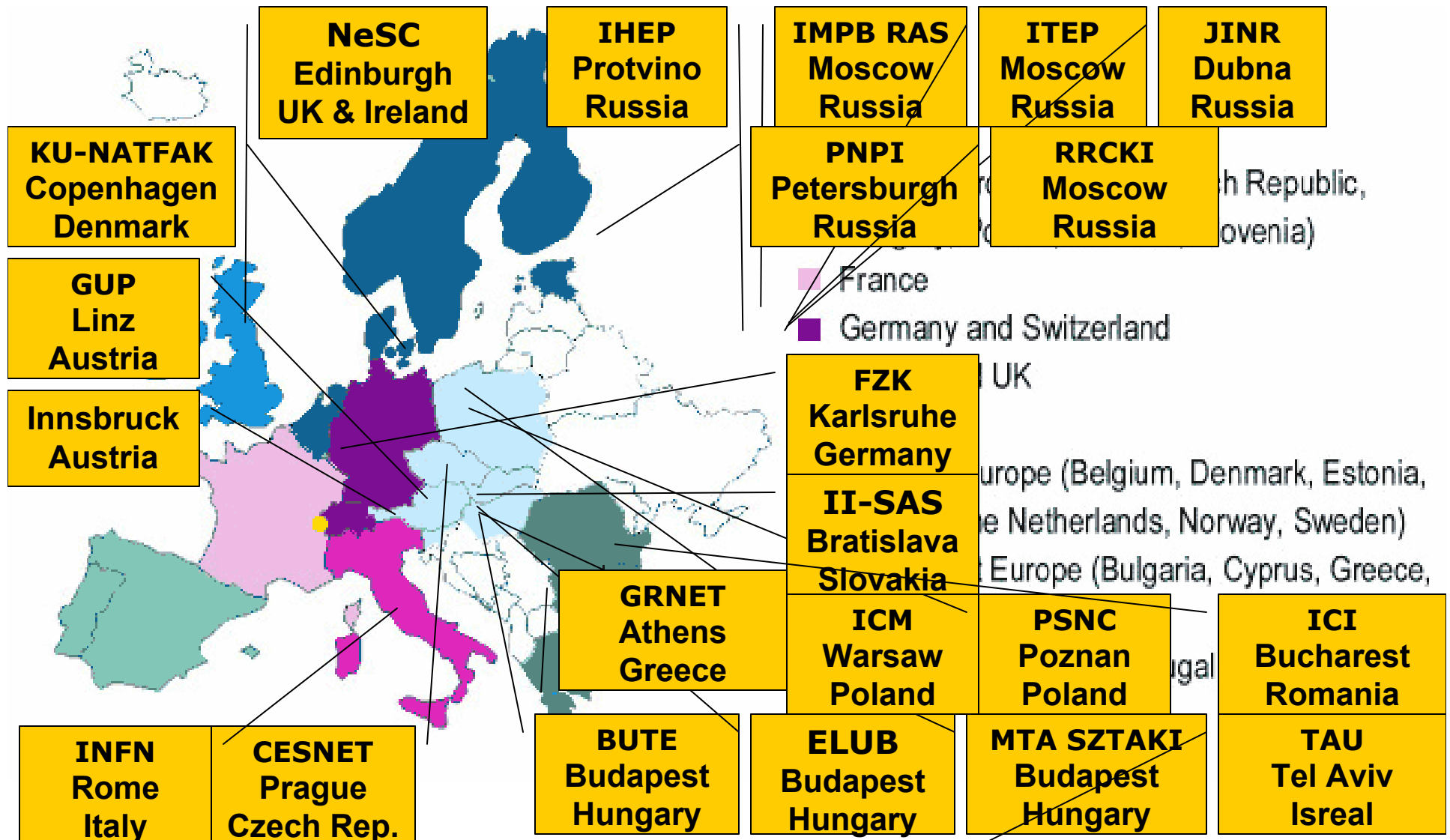


# Procedure for a new VO (II)

- 4) Follow a training session
- 5) Migrate application to EGEE infrastructure with the support of EGEE technical experts
- 6) Initial deployment for testing purposes
- 7) Production usage (contribute computing resources for heavy production demands)



# Training and Induction (NA3)



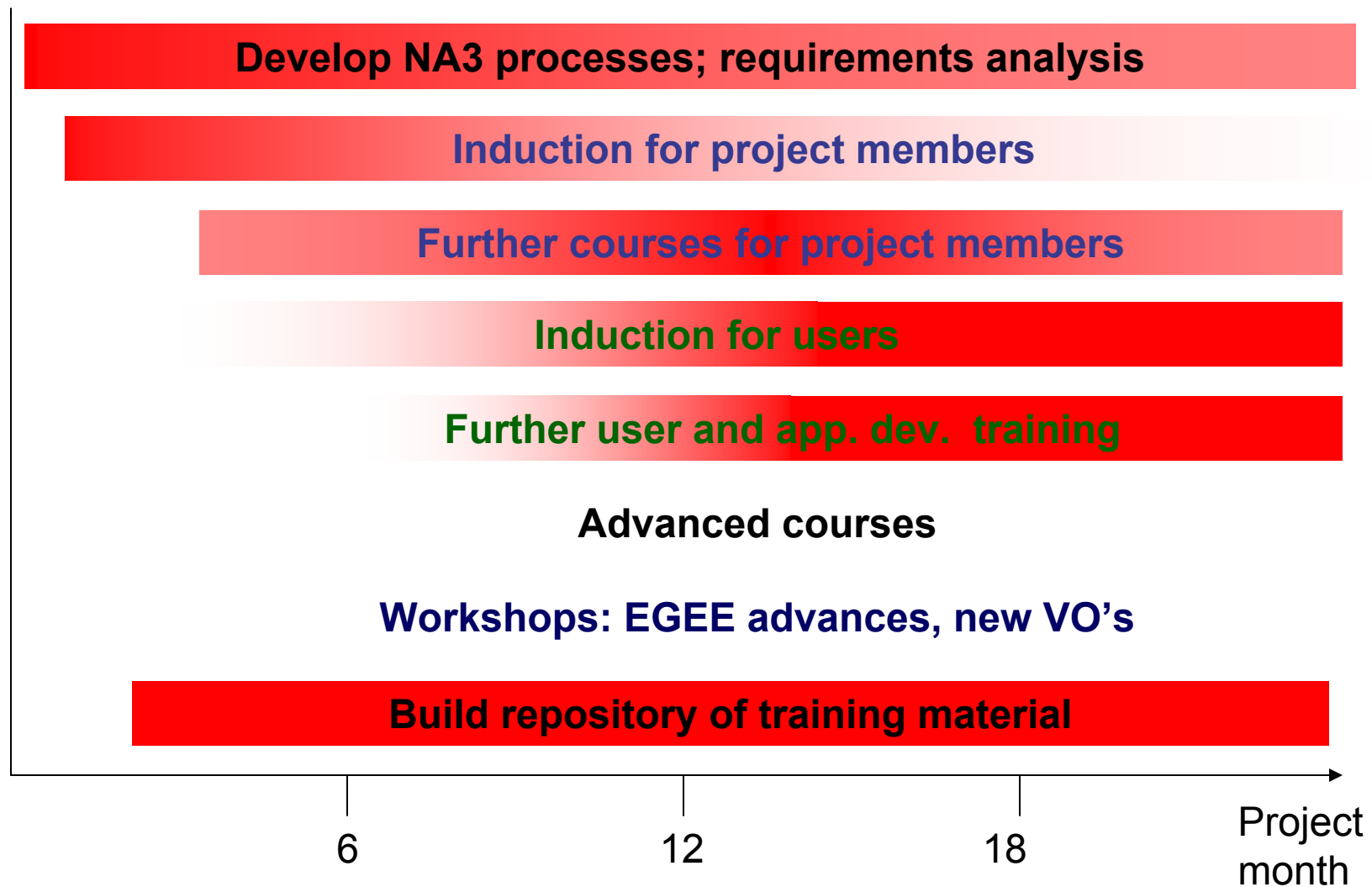
# Generic Application Support

- Getting new scientific and industrial communities interested and committed to use the grid infrastructure built by EGEE is key to the success of the project
- Questionnaire to get information and first requirements from new communities interested in using the EGEE Infrastructure (<http://alipc1.ct.infn.it/grid/egee/na4/questionnaire/na4-genapp-questionnaire.doc>)
- Feed-backs received so far (<http://alipc1.ct.infn.it/grid/egee/na4/questionnaire>):
  - Astrophysics (EVO and Planck satellite)
  - Earth Observation (ozone maps, seismology, climate)
  - Digital Libraries (DILIGENT Project)
  - Grid Search Engines (GRACE Project)
  - Industrial applications (SIMDAT Project)
- Interest also from Computational Chemistry (Italy and Czech Republic), Civil Engineering (Spain), and Geophysics (Switzerland and France) communities

# NA4 “Generic Applications”

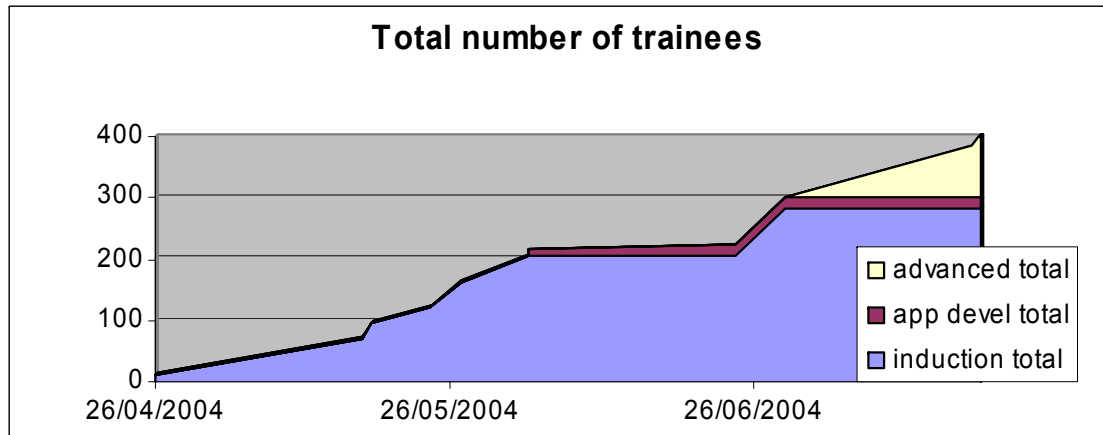
- Name given to new scientific and industrial communities interested and committed to use the EGEE infrastructure
- GENIUS portal – hides EGEE middleware
- GILDA is a complete suite of grid elements (test-bed, CA, VO, monitoring system, web portal) and applications fully dedicated to dissemination purposes. This could also represent the ideal grid testbed where to start the porting of new generic applications.
- GILDA and GENIUS
  - used for some trial porting of some new applications
  - used by training activity during courses and tutorials

# Training Courses and Activities

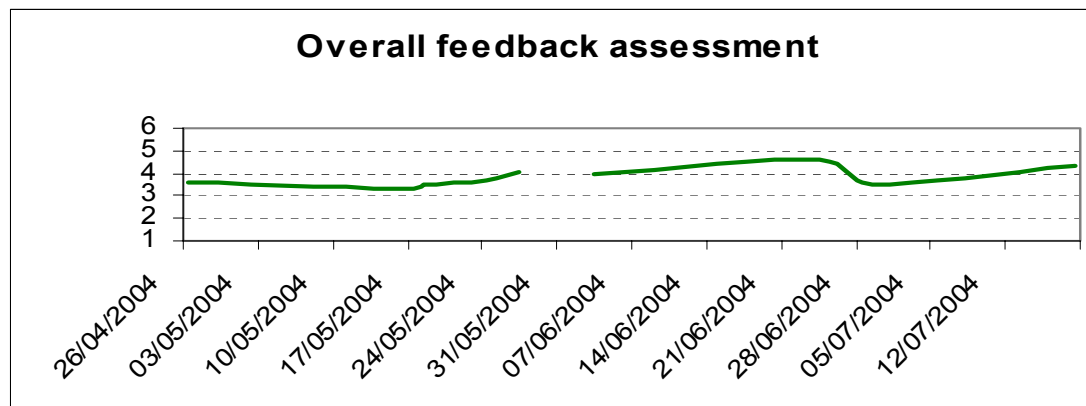


# EGEE training delivery

EGEE NA3 has trained 400 people in courses ranging from introductions to EGEE (induction) through Application Developer to Advanced level.



NA3 is committed to maintaining and developing the quality of training. To do this feedback is collected from the users of courses.





# Community support

- The EGEE training material is being made available to the whole community.
- A training materials repository allowing flexible searches of the available material is currently under development and testing.
  - Training activity homepage: <http://www.egee.nesc.ac.uk/>
  - Roadmap: training events since the start of EGEE  
<http://www.egee.nesc.ac.uk/schedreg/index.html>

# Summary: In 2 years EGEE will:

- Establish production quality sustained Grid services
  - 3000 users from at least 5 disciplines
  - .....
- Network activities will
  - Demonstrate a viable general process to bring other scientific communities on board
  - Raise awareness of EGEE
  - Create effective users
  - Build international links

