eGee

Enabling Grids for E-sciencE

Supporting trainers in Taiwan

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www.eu-egee.org

Information Society
and Media

1. As *active* partners in the EGEE training activity ("NA3") your limited time for training will be even more effective!

2. What *you* do matters to your colleagues in EGEE!

3. Share your experience and insights with the rest of NA3

4. As with grids themselves… conform to some policies and gain the benefits!

Get to know the NA3 pages: http://egee.nesc.ac.uk

Don't use silly animations with powerpoint

What else? How can NA3 leadership support you?

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1. **How can this session help you?**

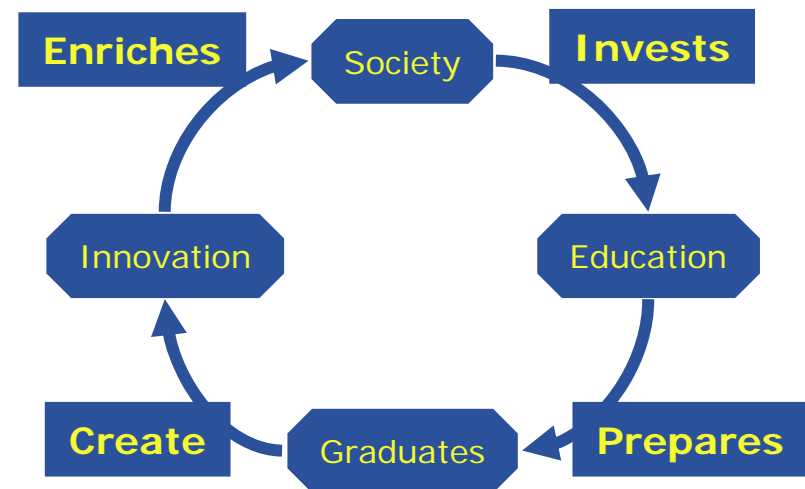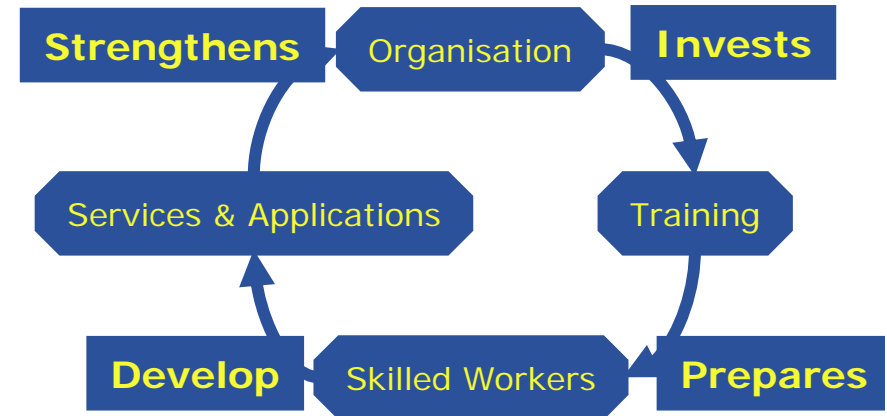   – Have you come with any questions?

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   – Training in EGEE-II (activity NA3)

   – What support exists?

   – Example of procedures and processes: running a course

   – How you can help NA3
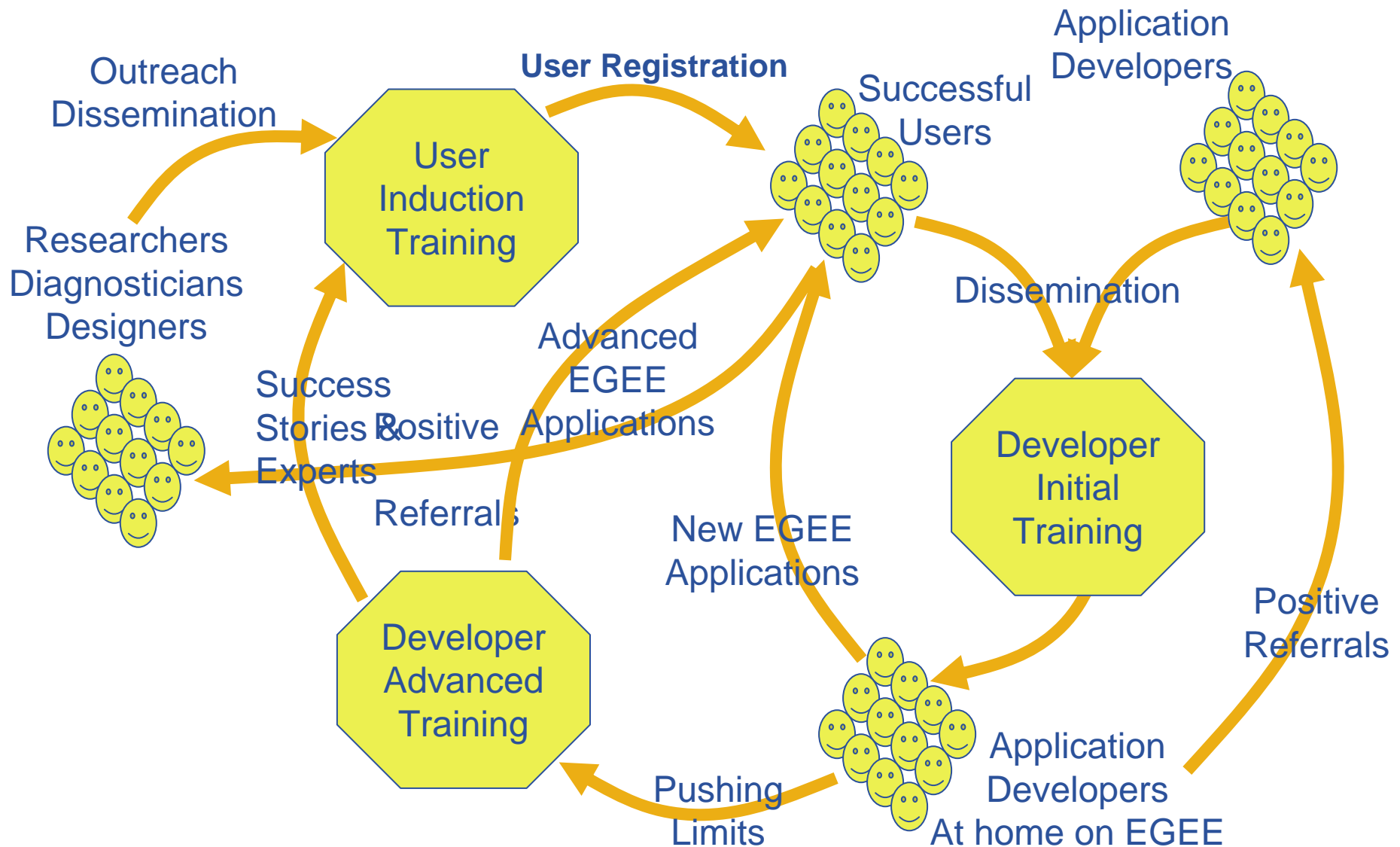
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- **Training**
  - Targeted
  - Immediate goals
  - Specific skills
  - Building a workforce

- **Education**
  - Pervasive
  - Long term and sustained
  - Generic conceptual models
  - Developing a culture

- **Both are needed**

Enabling Grids for E-sciencE

1. **Grid Infrastructure across European Research Area & the globe**

2. **Simultaneously many applications from diverse domains**

3. **Spread knowledge about the Grid and its benefits**

4. **Link national, regional and thematic Grid efforts**

5. **Provide interoperability with other Grids**

6. **EGEE-II will coordinate related Grid projects**

7. **Pave the way for a long-term sustainable Grid**

8. **Knowledge developed available in years to come**

Taken from the Description of Work abstract

- **Target a full breadth of disciplines & industry**
- **Induction and training of EGEE e-Infrastructure users**
  - Recognise & serve different user communities
  - Recognise & support levels of maturity
    - Interested but not yet committed
    - Novice users to Experts
  - Recognise & support different roles
    - Users of applications & portals
    - Developers and Deployers of Applications and Services
    - Creators, Providers and Curators of Data and Information
    - Staff establishing and administering production service operations
    - Staff providing User Support (GGUS) and Technical Writers

In conjunction with all other activities in EGEE-II & other projects

- **The potential users of e-Infrastructure**
  - Are very numerous
  - Diverse
  - Geographically dispersed
  - And likely to avalanche as the Grid takes off
- **NA3 is a small group with limited capacity**
  - Approximately 1 person/country in the European Research Area
  - Limited knowledge of disciplines
  - Uneven geographic distribution
  - Requests to serve global outreach will continue / expand

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- **Structured roles in NA3**
  - Edinburgh NA3 management will focus on support services
  - Regions will
    - Engage in systematic requirements capture
    - Running events to match local requirements
    - Developing trainers & training material
    - Undertake *defined* roles with discipline $\times$ maturity $\times$ role
- **Trend to Services to Enable Others**
  - Enable self-paced learning
  - Shared supported t-Infrastructure
  - Expert advice

  These require investment of significant effort

- **Memoranda of Understanding**
  - With VOs & Projects – working with NA4
- **Strategic Alliances**
  - E.g. Education & Training CG at GGF

Managed Flexibility & Responsiveness will be essential

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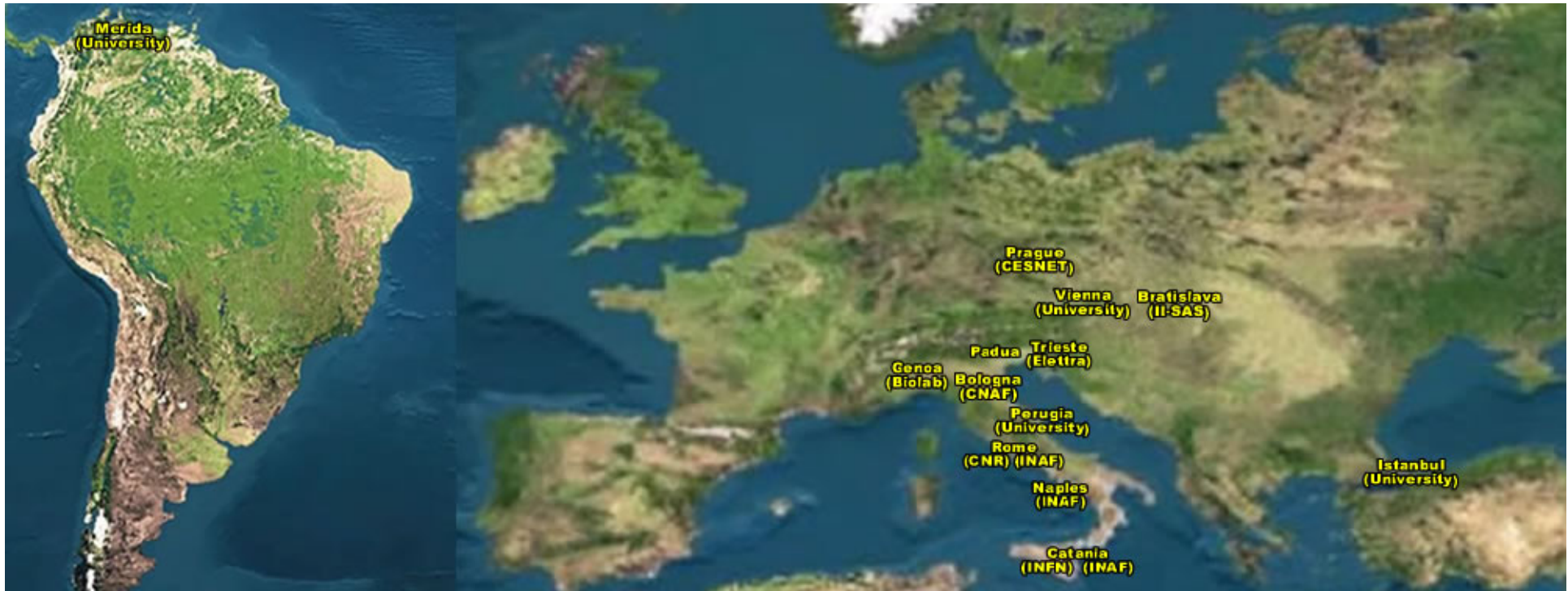   – Have you come with any questions?!

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- **EGEE's "People Grid"**

- **Web site http://egee.nesc.ac.uk**

- **Advertising**
  - NA3 events pages

- **Registration service**
  - but without money management! – if you charge for events, manage that side yourselves

- **Resources**
  - Existing courses
  - Digital library

- **Procedures**

- **NA3 has contact points to other activities in EGEE**
  - Use them if you have questions NA3 colleagues can't answer

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- **Current focus is strongly on establishing a digital library**
- **See http://egee.lib.ed.ac.uk for current state of play**
- **How do you think e-Learning can support you?**

- **Use Access Grid?**
  - For meetings with others in EGEE (not all sites have AG)
  - To contribute to courses you run
    - If you want a new module in a course
    - For a discussion session to close a course?

15 sites in 3 continents !

GILDA is coordinated by Roberto Barbera and colleagues at the University of Catania and INFN.

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- **Planning**
  - Current focus is mainly on production grid middleware, pending schedule for gLite deployment
  - Preparation of courses: Re-use material where you see fit
    - It will continue to evolve
      - *Help that to happen – feedback comments and new versions*
    - Obtain the latest versions of material
      - *Via digital library*
      - *Also just ask me in case there's new material en-route!*
    - Using standards (PPT with this presentation as a template) helps others re-use your material – as well as using EGEE badging
  - Advertising – we can help – presence on NA3 pages, emails
  - Registration – we can help (but not with collecting fees)
    - Through web page, sending you details of registrants

- **Practicals: use GILDA t-infrastructure**
  - t-Infrastructure for training
    - Lightweight CA; quick response on short jobs;..
  - Apply for long-term certificates & accounts yourselves
  - Book to use GILDA –https://gilda.ct.infn.it/request_tutorial/index.php
- **At the event, follow NA3 procedures - forms on NA3 homepage**
  - Registration form
    - Avoids data protection issues if people give us email addresses etc.
    - Allows later emails to be sent to particiants e.g. 3 months later to assess impact of courses
      - *Rarely happens at present – something we need to develop!*
  - Gender action plan form
  - Gather evaluations
    - "goals" should match those advertised!
    - Overall assessment – important for cumulative NA3 statistics
  - For EGEE-II, we want to improve procedures – your views?
    - e.g. We should get reports from tutors themselves

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- **After the event**
  - Assess evaluations!
    - Current summary form
      - *Data are collated from these for EGEE reports*
      - *Web site*

- **Maintain your own list of your courses and their vital statistics (what is on the summary form) – not least so occasional reports of activity to NA3 office and on to the Project Office are trivial for you to do!**

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- **Let us know your plans and event summaries**
  - Raise the profile of Taiwan in EGEE – even higher!
  - We need comprehensive statistics to understand the extent and impact of training (note also: some training is by EGEE colleagues not formally in NA3)
- **Early in EGEE-II is a great time to help us improve NA3 procedures – try them!**
- **Help us to improve the course material!**
  - It evolves with the middleware deployment plans
  - More case studies, software patterns, training modules are needed for application developer courses
    - current production middleware as well as gLite
- **Keep talking to us!**

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- **The one thing we all lack is enough time!**
  - We have some procedures and a lot of material that saves you from re-inventing the wheels… resist temptation and save time!

- **Don't delay until you can aim for perfection in a course**
  - Make plans
  - *Better to do 3 good events than 1 near-perfect event!*
    - *More people will benefit*
  - *Monitor quality of events - evaluations*
  - And aim to improve the agenda, material and presentation each time!

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- **Above all:**
  - to work together in EGEE *is* a privilege
  - Use that to build the 'people Grid!'
  - Contribute to the rest of NA3 and …
  - … let us support your training

- **Key contact points and resources**
  - NA3 website http://egee.nesc.ac.uk
  - Brendan Hamill, manager of NA3, brendan@nesc.ac.uk
  - GILDA https://gilda.ct.infn.it/
  - NA3 digital library http://egee.lib.ed.ac.uk
  - Also, stay in touch with me! mjm@nesc.ac.uk