



Enabling Grids for E-science

EGEE NA3 2nd External Review

NA3 Training and induction

www.eu-egee.org



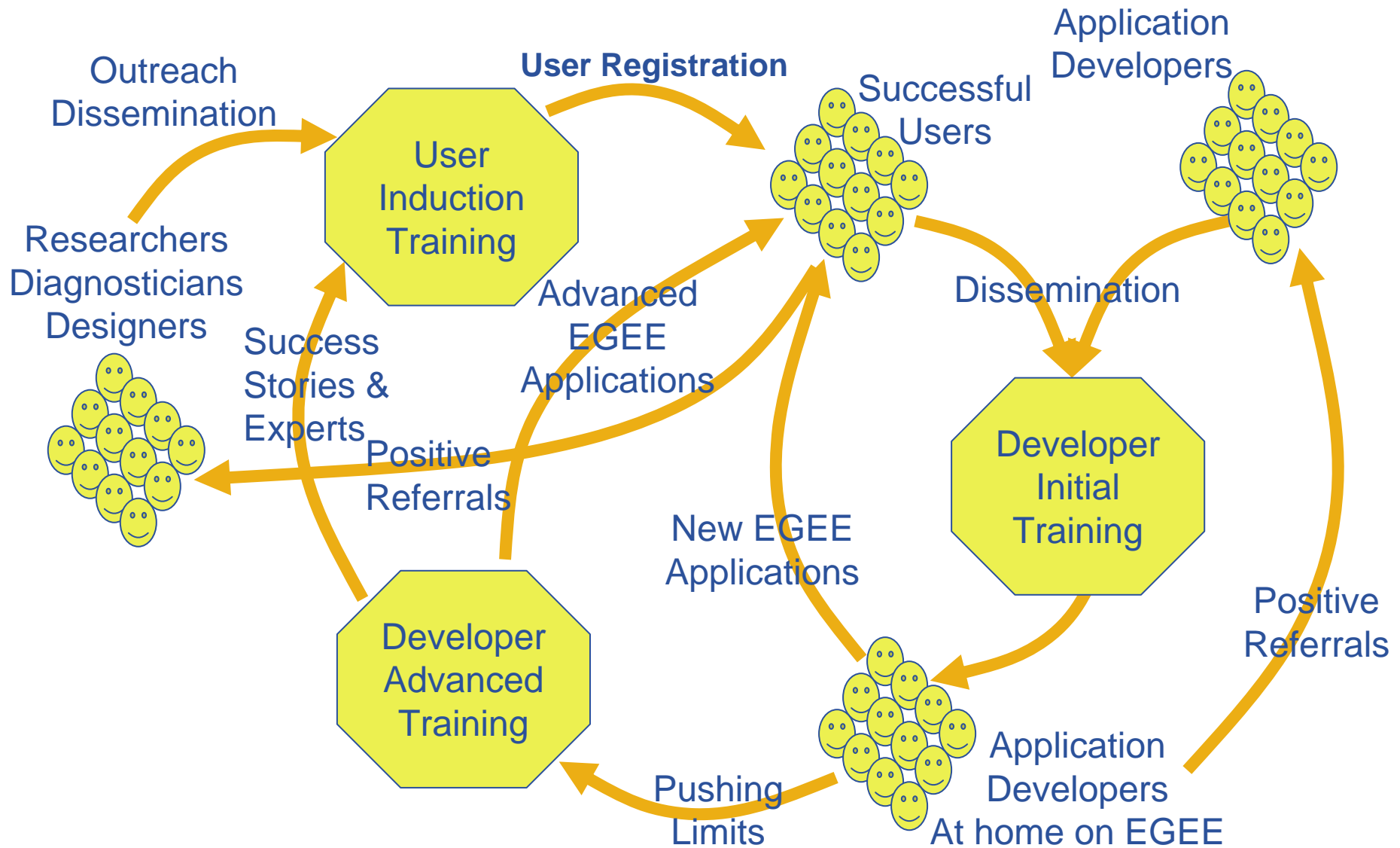
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|--------------|--|-------------------------|
| 09:00 | Welcome | Malcolm Atkinson |
| | Introductions | |
| 09:15 | Training Motivation,
Achievements & Context | Malcolm Atkinson |
| 09:45 | Training Overview | David Fergusson |
| 10:30 | Coffee | |
| 11:00 | Training Federation Presentations | |
| 12:00 | e-Learning | Boon Low |
| 12:30 | Lunch | |
| 14:00 | Open Discussion | |
| 14:30 | Panel Closed Discussion | |
| 15:30 | Panel Feedback | |
| 16:00 | Finish | |

- **Training**
 - Courses given
 - Shared training material
 - Summer Schools
 - gLite development
 - T-Infrastructure & e-Learning facilities
 - Requirements analysis
 - Outreach
- **Summary**

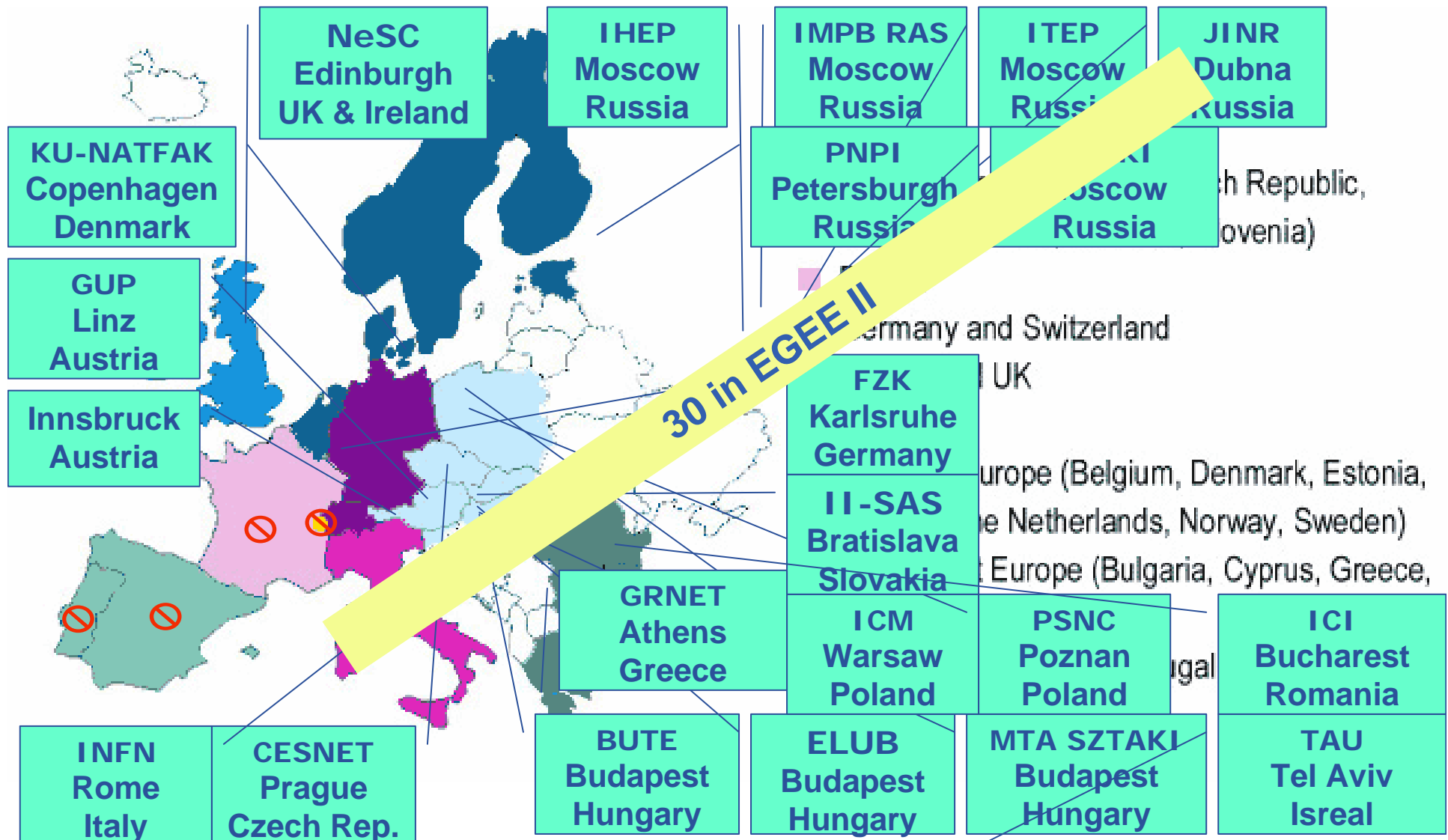


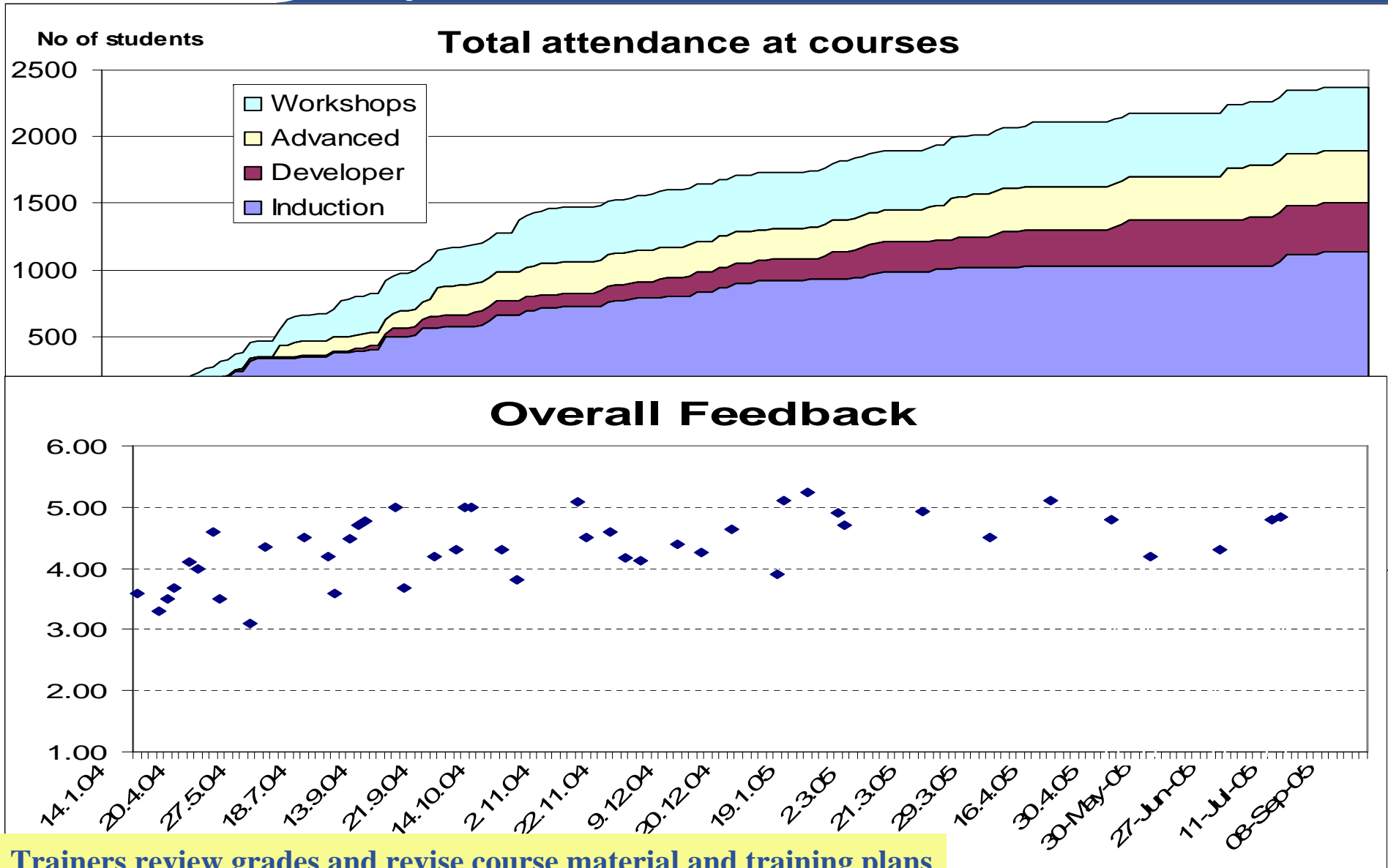
- **The EGEE training programme is built on a federation of 22 partners and close collaboration with other activities**
- **EGEE training has delivered well above planned targets**
 - raising grid awareness
 - gaining users
 - building teams
 - empowering developers
- **2.7% of budget & 33% of the Project front page!**
 - Punching 10 times above our weight? 😊

Trainers power Virtuous Cycles



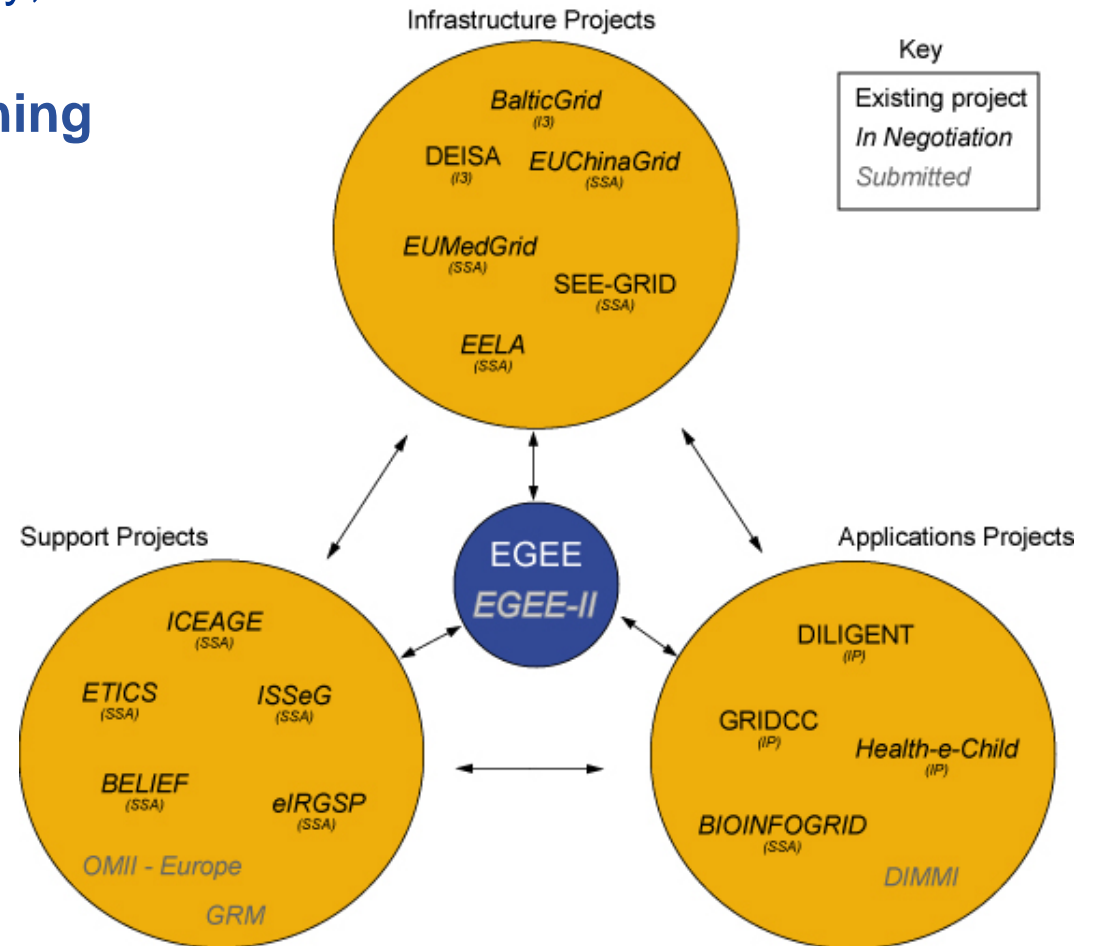
That is just the start of building an active & happy user community → rest of EGEE





Trainers review grades and revise course material and training plans

- **Collaboration**
 - For scale, skills, geography, disciplines & cultures
- **Central tenet of EGEE training**
 - Within project
 - With EU projects
 - Internationally
- **Driven by**
 - Leadership
 - Established alliances
 - Summer Schools
- **Enabled by shared**
 - Planning & Thinking
 - Repository & Programme
 - E-Learning Portal





International Collaboration to Extend and Advance Grid Education – ICEAGE

Mission
Partners
Activities
Plans
Summary

€1.2 million
2 years
Start
1st March
2006



Photographer: Kathy Humphry



Mission & Goals

- **Mission**

Stimulate and support advances in grid education throughout Europe

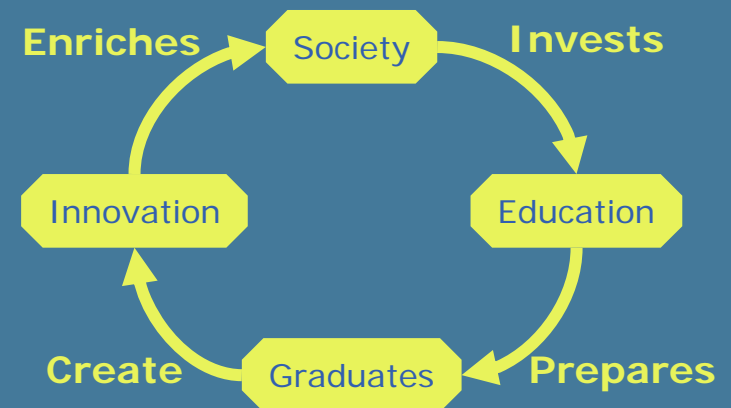
- **Goals**

- Achieve rapid growth in effective advanced grid education
 - Enabling society to make best use of e-Infrastructure
- Make best use of worldwide capacity for advanced grid education
- Deliver a stimulating programme of educational events
 - Including international summer schools
- Broaden engagement in an advanced grid education
 - both geographically and across disciplines



Vive la Difference

- **Training**
 - Targeted
 - Immediate goals linked to demand
 - Specific skills
 - Building a workforce
- **Education**
 - Pervasive
 - Long term and sustained
 - Generic conceptual models
 - Developing a culture





- **Edinburgh – National e-Science Centre**
 - Malcolm Atkinson & David Fergusson
- **Universita' degli Studi di Catania**
 - Roberto Barbera & Antonella Di Stefano
- **SPACI**
 - Southern Partnership for Advanced Computational Infrastructures
 - Almerico Murli
- **CERN**
 - Erwin Laure
- **Kungliga Tekniska Högskolan, Stockholm**
 - Lennart Johnsson & Per Öster
- **SZTAKI – Budapest**
 - Magyar Tudományos Akadémia Számítástechnikai és Automatizálási Kutató Intézet
 - Peter Kacsuk & Norbert Podhorszki



Commitment

GGF ISSGC'04 Vico Equense Italy

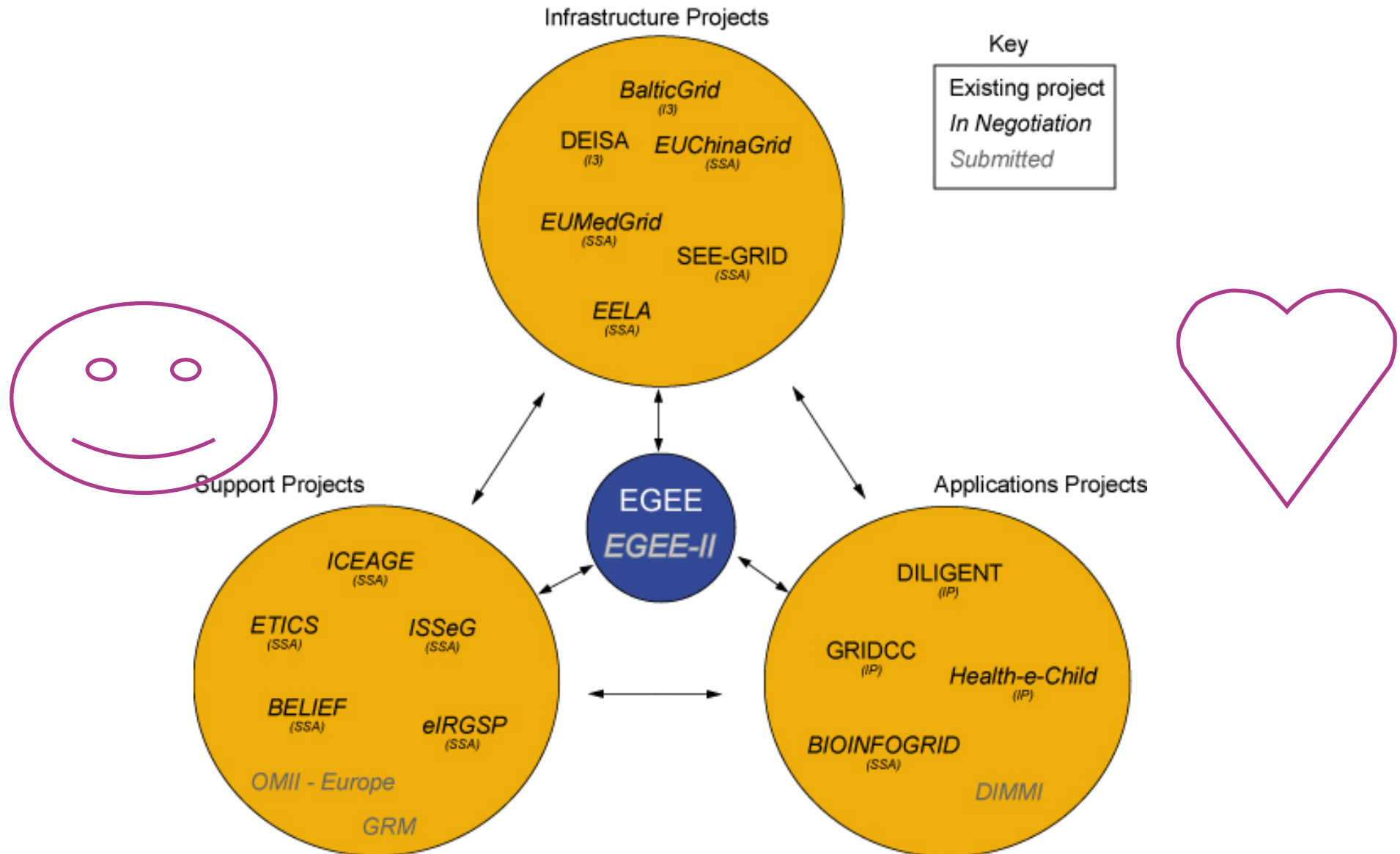
- **Letters of Support**
 - 49
 - From 22 Countries
- **Agreed to be Members of the Forum**
 - 51 Founder Members
 - 21 Countries
- **Summer Schools**
 - ISSGC'06 Italy
 - ISSGC'07 Scandinavia
 - ISSGC'08 Hungary





Plans

- **Raise Education & Training in National & EU agenda**
 - E-IRG meeting: 13 & 14th December 2005, London
- **Education workshop at GGF16**
 - 16th February 2006 Athens
 - Please come
- **First *ICEAGE Forum* meeting co-located with GGF16**
 - 16th February 2006 Athens
- **ICEAGE project starts**
 - 1st March 2006
 - Duration 2 years
 - Plan to generate National & EU follow up projects
- **Education workshop at GGF17**
 - 7th to 12th May 2006, Tokyo
- **International Summer School in Grid Computing '06**
 - July 2006, Italy
 - Contribute: Lectures, Students & Sponsorship please



- **EGEE training**
 - Popular
 - Probably under-reported
 - Evolving & responding to new technologies & users
 - Developing an approach to Scaling
 - Repository, Training trainers, e-Learning
 - Collaboration with NA4
 - Via Rosa Badia & NextGRID with full breadth of EU Grids
 - Complementary effort in ICEAGE for Education
- **EGEE II**
 - 22 → 30 partners
 - Challenge to reach new communities in large numbers
 - Will need to structure into specialist teams
 - Regional, discipline or technology?



Questions
&
Comments
please

Photographer: Kathy Humphry