



Enabling Grids for E-scienceE

NA3 Training and induction

David Fergusson, NA3 Activity Manager, NeSC
EGEE 2nd EU review
6-7/12/2005

www.eu-egee.org

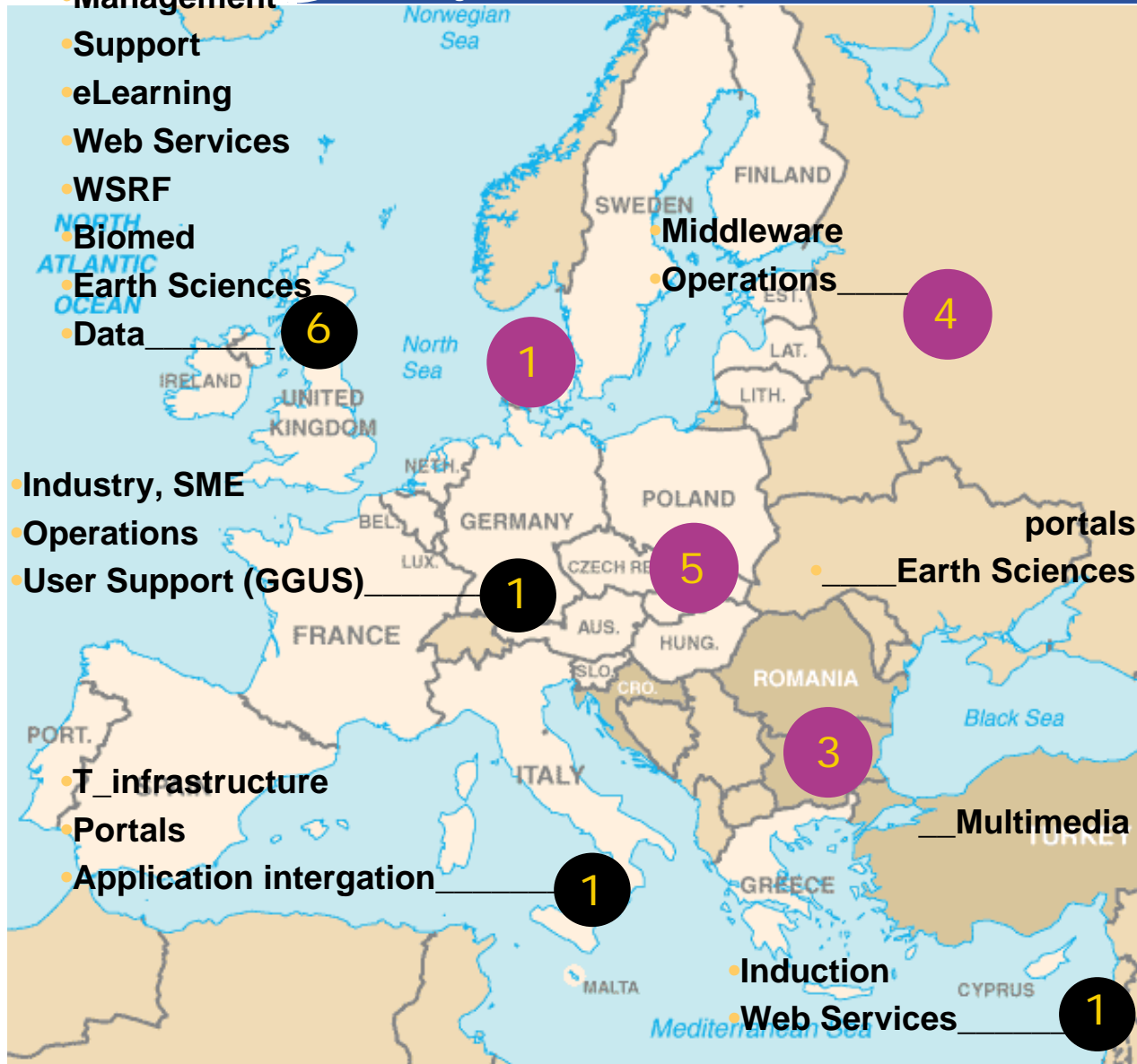


Distribution of NA3 effort

- Management
- Support
- eLearning
- Web Services
- WSRF
- Biomed
- Earth Sciences
- Data

- Industry, SME
- Operations
- User Support (GGUS)

- T_infrastructure
- Portals
- Application intergration



~ 1 FTE per partner in NA3 (22 partners)

~ 0.3 FTE per partner within EGEE (given 70 partners).

**training everywhere*

Federation

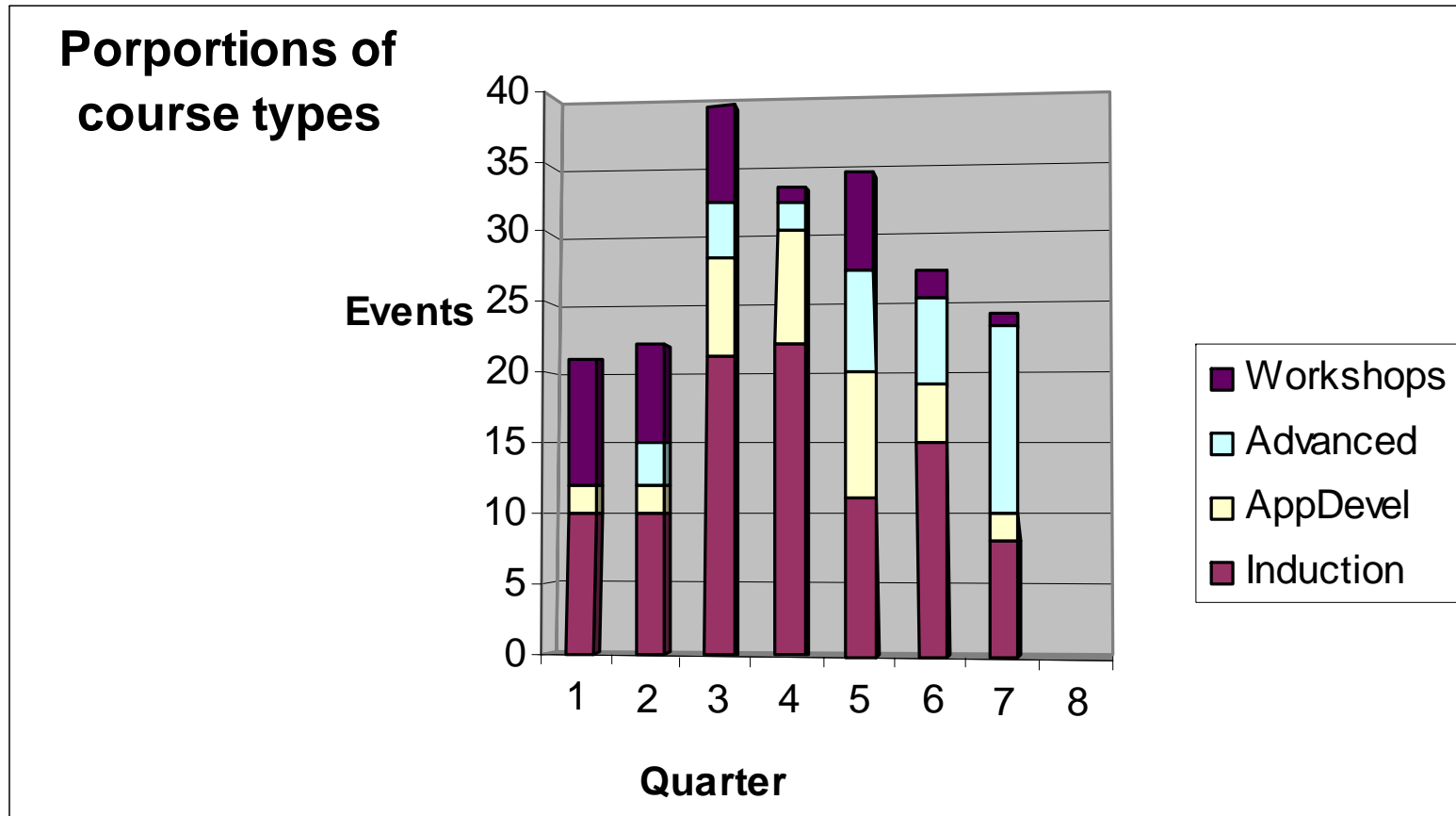
Single partner



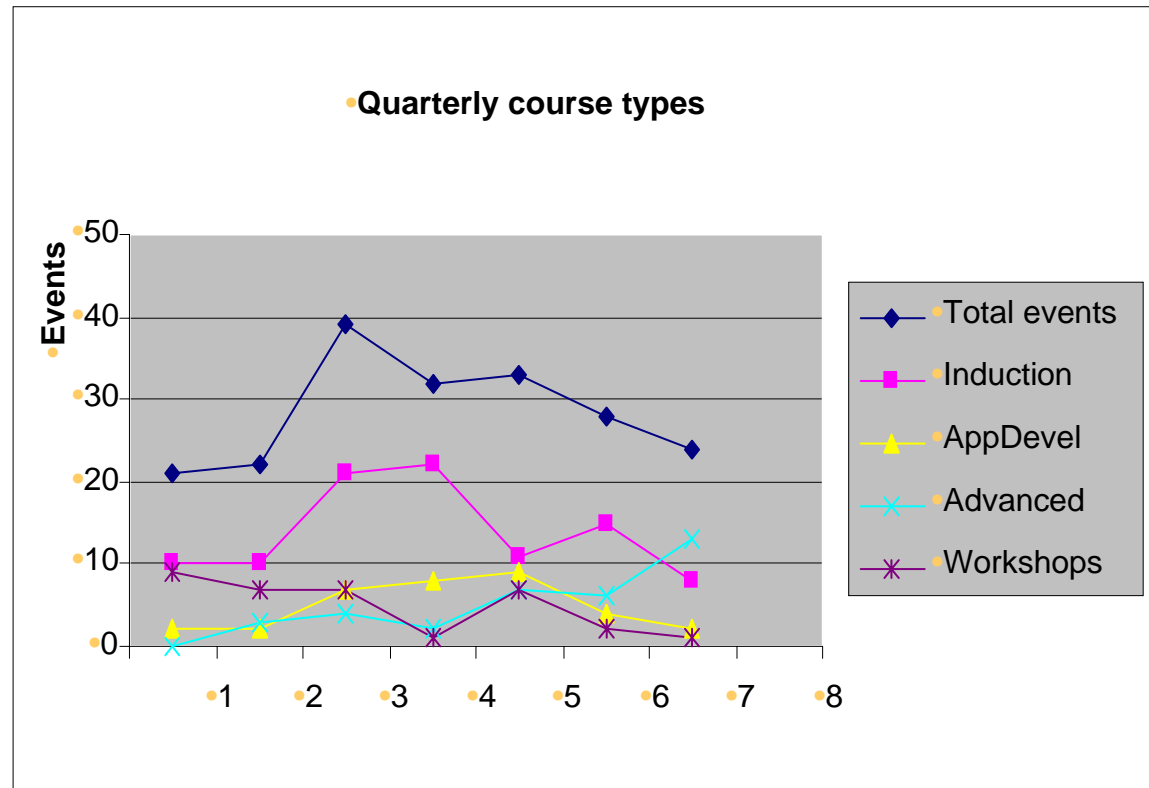
- **2700 attendees at courses**
- **200 training events**
- **7000 participant days**

	Induction Courses	Application Developer Training	Advanced Courses	Technical Retreats	Activity
Number	97 (20)	34 (16)	35 (4)		34 (12)
Average Attendance	29 (50)	18 (25)	29 (25)		35 (30)
Course Length (days)	2 (2)	2 (4)	4 (5)		2 (2)

- Figures in brackets are the expected values at the start of the project

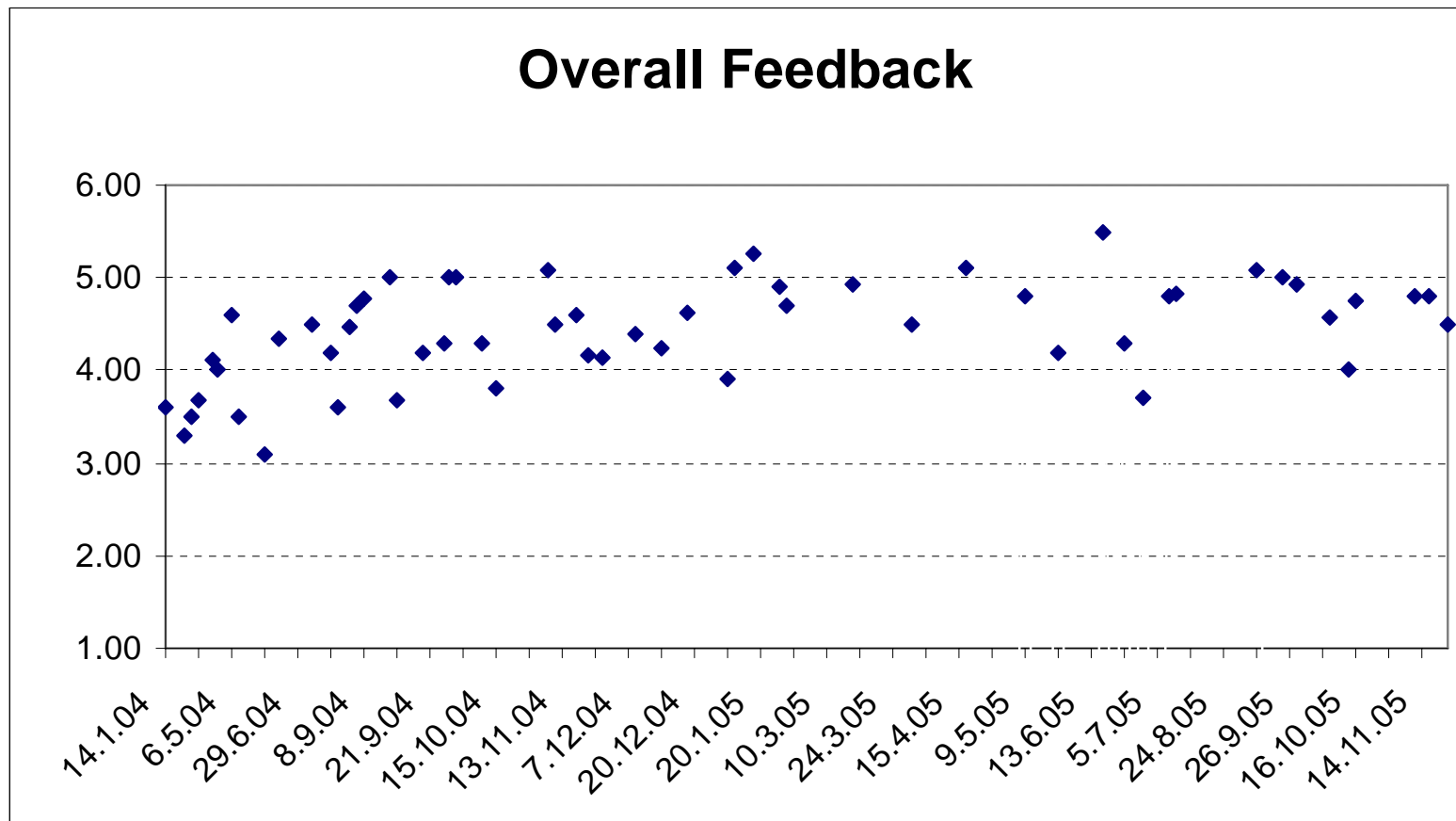


Course types per quarter

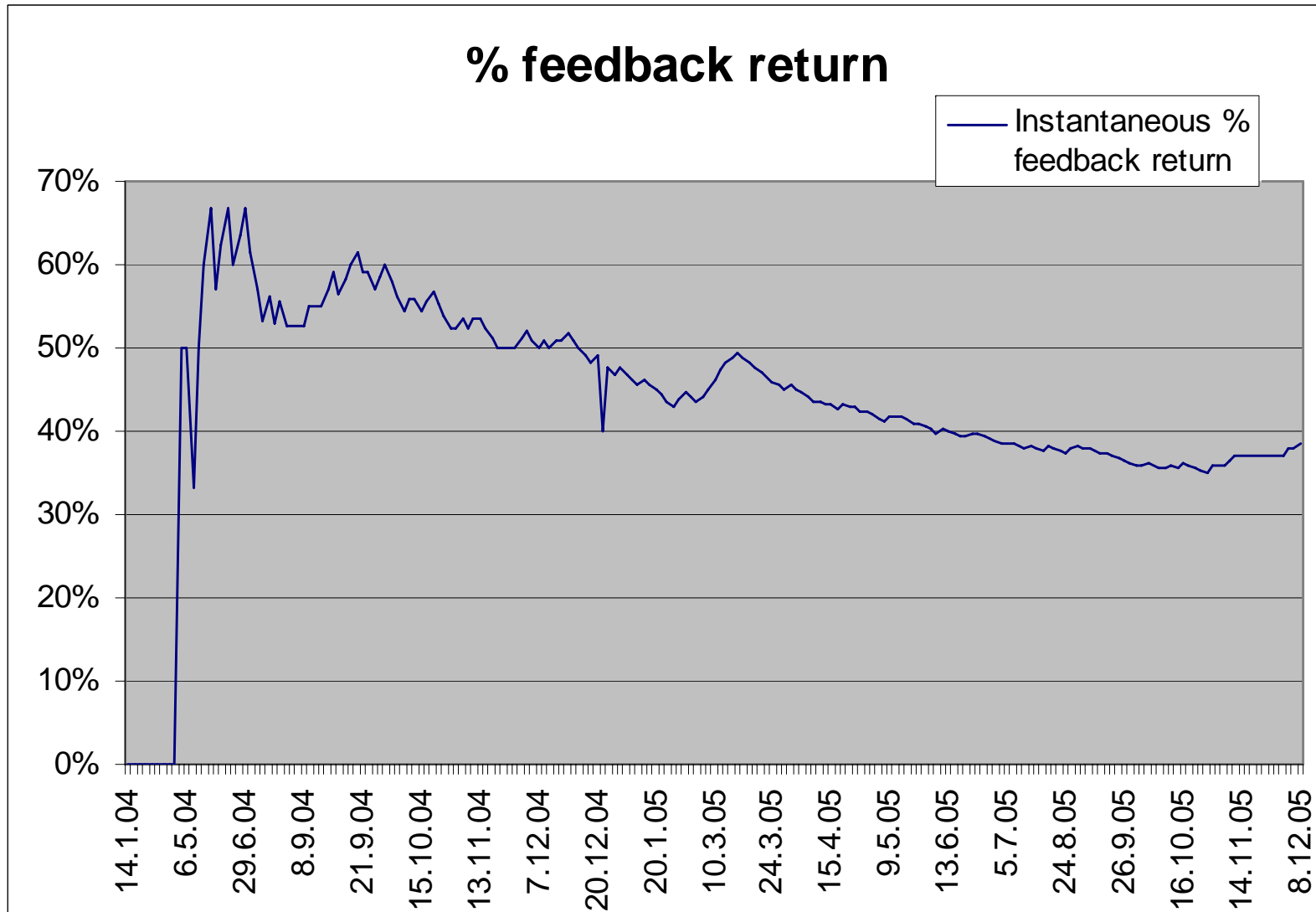


- Diligent
- Magic
- EMBRACE
- BioinfoGrid
- TERENA/NRENS
- Industry attendees at:
 - ISSGC '05
 - Grids@Work tutorial
 - SME course FZK
 - PRISM Forum UK (Pharma)
- Plans for working with:
- ISSEG, ETICS, ICEAGE,
- EUMEDGRID, EELA,
- BIOINFOGRID
- Biomed courses
- Physics courses
- Earth Sciences
- Social Sciences
- Geographical outreach:
 - Balticgrid (joined EGEE)
 - Taiwan
 - Australia
 - Venezuela

Participants grade course from 1 to 6, each point – average for a course overall score (workshops not included – see TA)



Trainers review grades and revise course material and training plans



- **Supported approx 5 Summer Schools per year**
 - ISSGC 04, 05
 - GridKa 04, 05
 - CERN Summer School 04, 05
 - Budapest Regional Summer School 04, 05
 - PPARC Summer School 04, 05
- **Highest profile international training/education events in grid computing.**

- **GILDA/GENIUS** has been central in installing new middleware versions, making these available and sharing experience
- **UEDIN** cluster also used for early gLite installation in conjunction with **GILDA** to gather experience and developing new application developer courses.
- **Cluster at FZK** used to support application developer and installation courses for gLite

- **Scale**
 - Support geographically diverse groups
 - Many different knowledge domains
 - Breadth of knowledge required

- **Quality**
 - Maintain and encourage a ‘quality culture’

- **Rate of change**
 - New middleware features
 - New VOs
 - Changing needs of domains
 - New projects
 - Changes in national grid provision

- **Delivered beyond targets**
- **Delivered across Europe, even in areas with no representatives**
- **Delivered outreach beyond existing EGEE area**
- **Maintained quality process across partners**
- **Collated a body of training materials to act as catalyst to training**
- **Engaged a broad range of disciplines and related projects**

