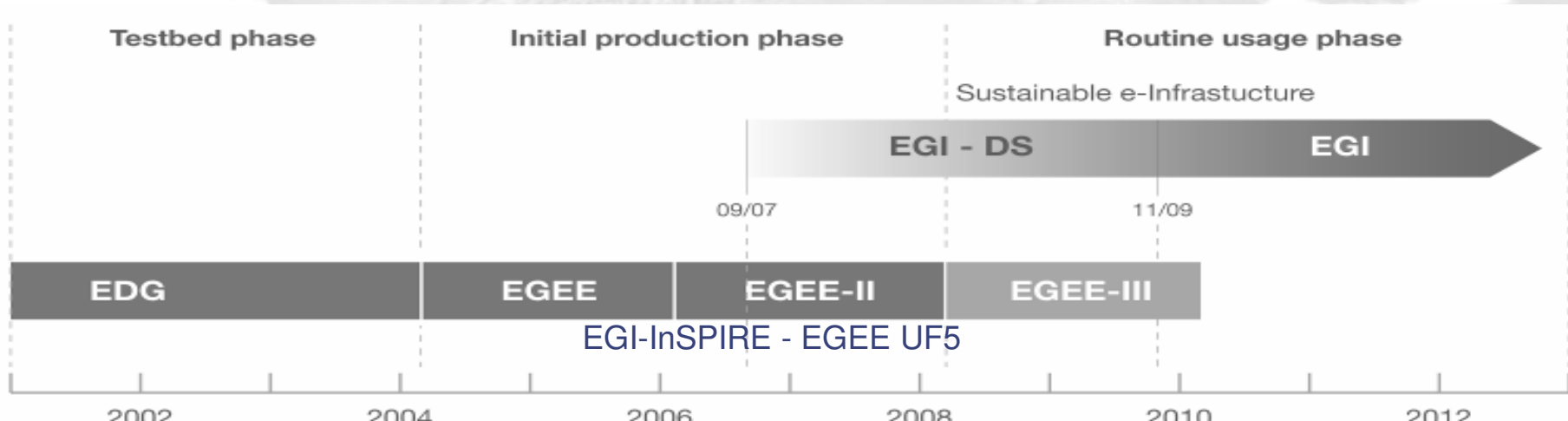# The EGI-InSPIRE Project: Community Interaction

Steven Newhouse

EGI-InSPIRE Project Director

European e-Infrastructure

- ## European Data Grid (EDG)
  - Explore concepts in a testbed
- ## Enabling Grid for E-sciencE (EGEE)
  - Moving from prototype to production
- ## European Grid Infrastructure (EGI)
  - Routine usage of a sustainable e-infrastructure

Testbed phase	Initial production phase	Routine usage phase

Sustainable e-Infrastucture

	EGI - DS	EGI

09/07   11/09

EDG	EGEE	EGEE-II	EGEE-III

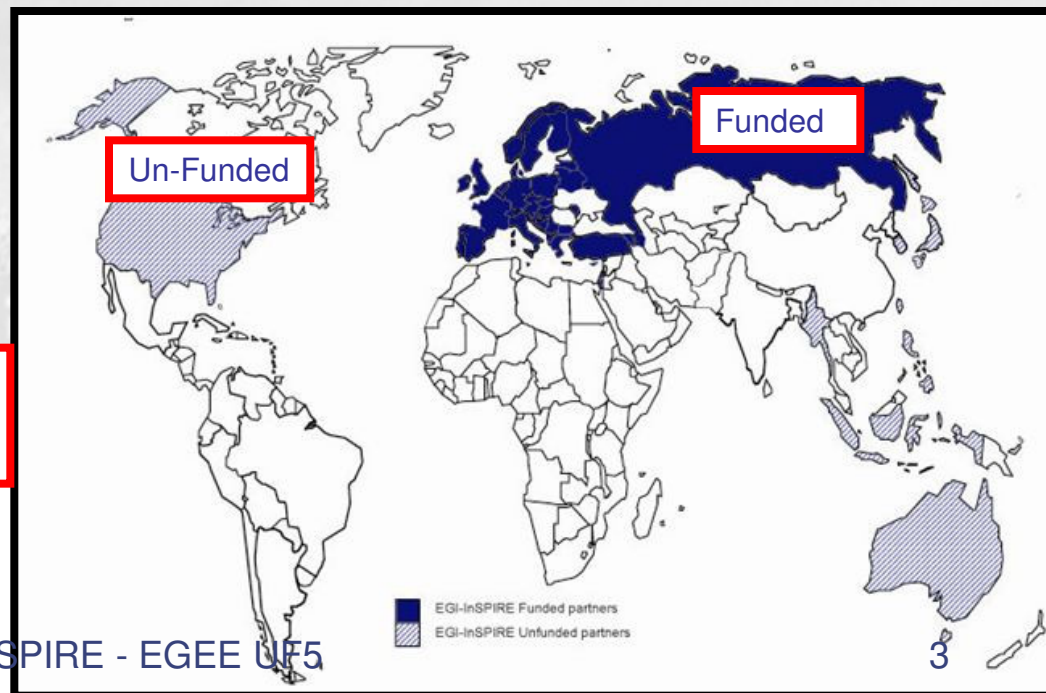EGI-InSPIRE - EGEE UF5

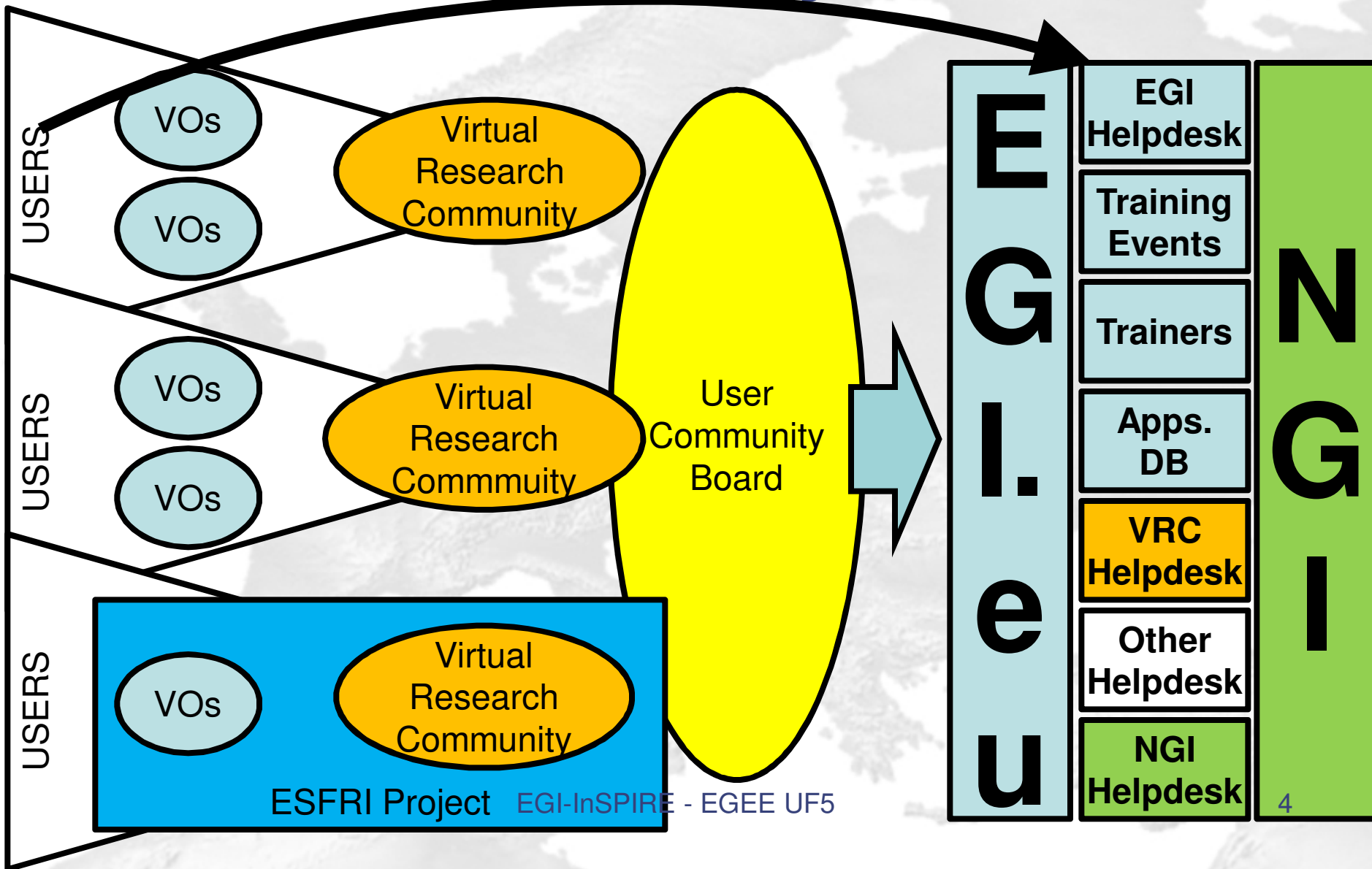2002   2004   2006   2008   2010   2012

The EGI-InSPIRE Project

Integrated **S**ustainable **P**an-European
Infrastructure for **R**esearchers in **E**urope

- A 4 year project with €25M EC contribution
  - Project cost €69M
  - Total Effort ~€330M
  - Staff ~ 170FTE

Project Partners (48)
EGI.eu, 37 NGIs, 2 EIROs, 8 AP

Un-Funded

Funded

EGI-InSPIRE Funded partners
EGI-InSPIRE Unfunded partners

EGI-InSPIRE - EGEE UF5

3

Scalable Community Interactions

EGI-InSPIRE - EGEE UF5

4

VRC Characteristics

- International Existence & Governance
  - A research community that spans borders
  - Ability for groups to join and leave
  - e.g. ESFRI, EIROForum, Collaboration, etc.
- Sustainable beyond just a funded project
- Engagement with EGI
  - Resources, Policies, Planning, ...
- May provide community specific support
  - Dissemination, Training, Application Porting, ...

Community Input

- Focal Point
  - Chief Community Officer (CCO)
- Strategic VRC representation
  - External Advisory Committee
- Technical VRC representation
  - User Community Board (previously UFSC)
    - **Use of the infrastructure**
  - User Services Advisory Group
    - **User use of the operational tools**

User Support & Services

- Support User Communities
  - Researchers in International Collaborations
  - Scale up from the single VO to a community
- Provide a federated Helpdesk linking:
  - Discipline specific support (e.g. Bio Apps)
  - National infrastructure support (e.g. NGS)
  - Generic services (e.g. Training)
- Provide core services to support users
  - Manage VOs, Application DB, Training DB

Training Events
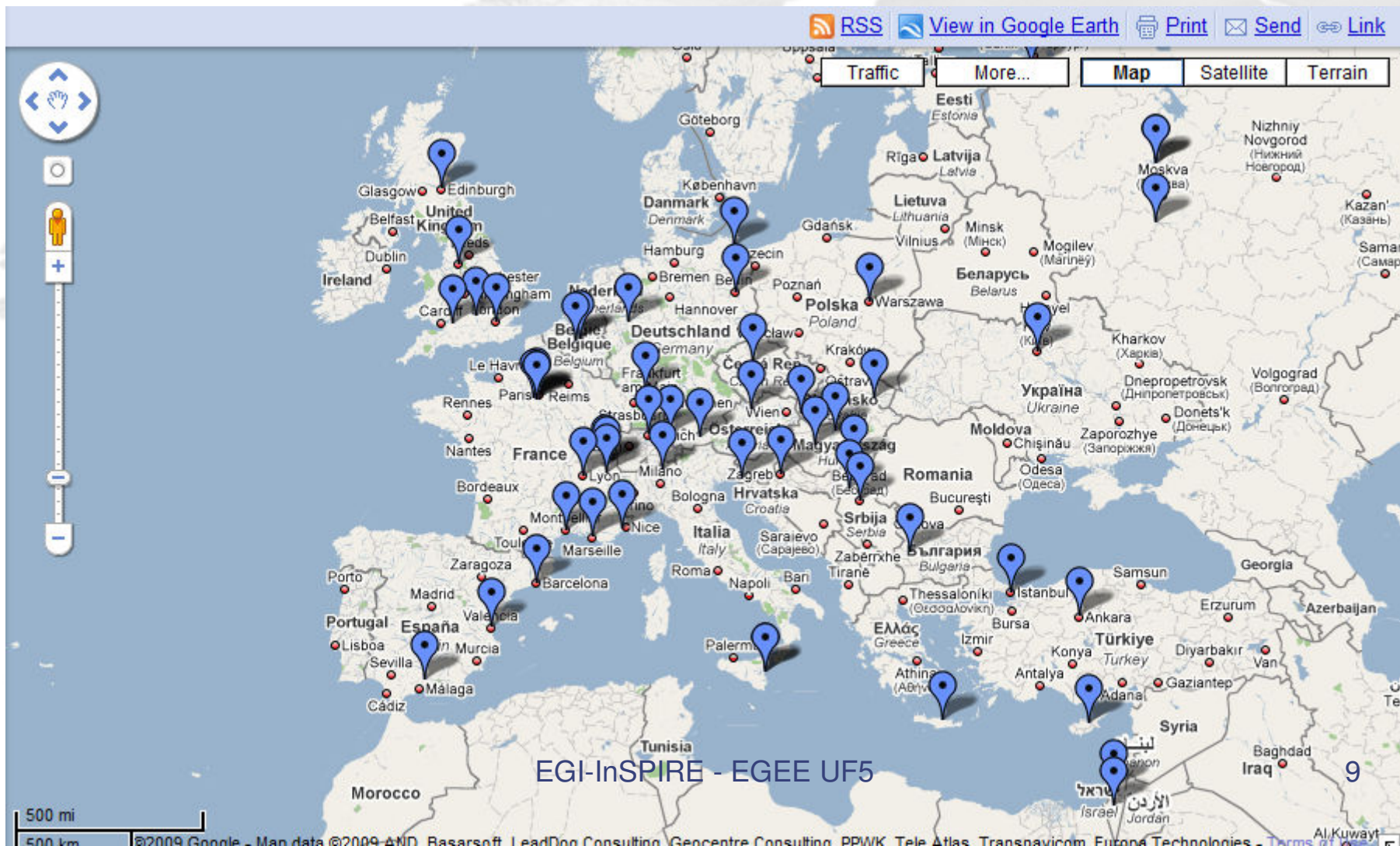
NA3: Training Events and Registration

Search Events by Title [   ]

Advanced Search

Search [Search]

Page **1** of **33**
Displaying Results **1** to **20** of **654**

Results page: **1** 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 ▶ ▶▶

No	Title	Location	Dates	Summary/Registration
1.	An Introduction to gLite	Online, eLearning	30 October, 2009	Registration
2.	Organising & Running an EGEE Training event	Online, eLearning	30 October, 2009	Registration
3.	GCCP2009 - the 5th International Workshop on Grid Computing for Complex Problems	Bratislava, Slovakia	26 - 28 October, 2009	
4.	gLite Tutorial for Users and application developers	Madrid, Spain	26 - 30 October, 2009	
5.	Hands-on Using P-GRADE portal in BEgrid	Brussels, Belgium	23 October, 2009	
6.	Seminar for system administrators of Grid sites	Gatchina, Russia	14 October, 2009	

eGee Enabling Grids for E-sciencE

NA3 Home
Events & Registration
Suggestions & Requirements
Training Material
Add an Event

News and Events

Hands-on Using P-GRADE portal in BEgrid
23 Oct, 2009
Brussels, Belgium

gLite Tutorial for Users and application developers
26 Oct, 2009 - 30 Oct, 2009
Madrid, Spain

GCCP2009 - the 5th International Workshop on Grid Computing for Complex Problems
26 Oct, 2009 - 28 Oct, 2009

Registry of Trainers

Applications Database

http://appdb.eu-egee.org

Alt. link: http://grid.ct.infn.it/egee_applications/

EGEE RESPECT → EGI

- Identify third-party software that works well with Grid
  - gLite: http://technical.eu-egee.org/index.php?id=290
  - Expand to include UNICORE, ARC, Globus, …
- Simplified Access
  - P-GRADE, Ganga, Migrating Desktop, g-Eclipse, i2glogin, Virtual Control Room
- Workload Management
  - GridWay Metascheduler, DIANE
- New Resources
  - GRelC, Instrument Element
- Infrastructure Services
  - StoRM

Other User Facing Services

- Dissemination
  - With NGIs & VRCs and other projects
  - Case studies of users, applications & communities
- Events
  - Annual meeting: 'Users of European E-Infrastructure'
- Coordinated support from with EGI.eu & NGIs
  - Deployed Middleware Support
  - Application Consultancy
  - Requirements for operations and software

This Session

- Operations Support
  - User facing interface to operations
- Technology Support
  - Deployed Middleware Support Unit
- Evolving the 'Heavy User Community'
  - Sustain the current infrastructure use