European Grid Initiative – EGI
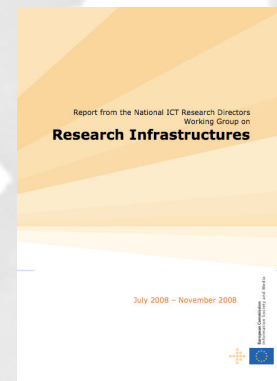
Business and Technology Transfer for EGI
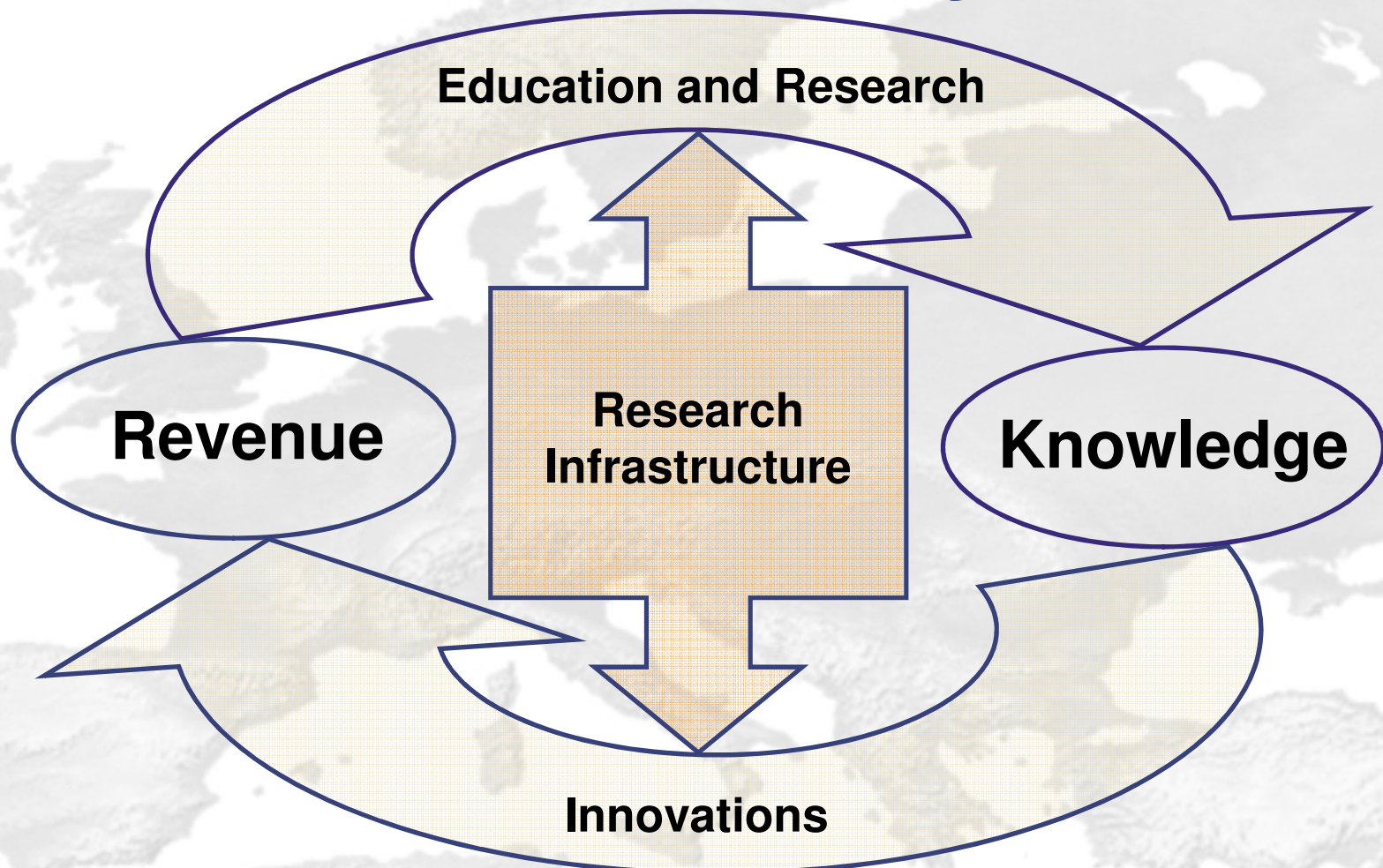
EGI Design Study Project

EGEE'09 Barcelona September 2009

Research Infrastructure and Innovation Ecosystem

- Recommendations from National ICT Directors Working Group, Nov 2008, "When setting up an RI":
  - Not only research users' needs should be considered but also large scale industries' and SMEs'
  - Involvement of a larger set of actors from beginning to stimulate innovation ecosystem

Research Infrastructure and Innovation Ecosystem

Education and Research

Revenue

Research Infrastructure

Knowledge

Innovations

Feedback from Industry

- Need well defined interface to the EGI
  - Being a DCI EGI looks to be a very complex structure
  - Who to deal with? Who makes decisions?
- Do you have training programs?
- Can we buy computing time from EGI?
- Can we sell unused computing capacity through EGI?

Proposal

- Creating Users of e-Infrastructures (CUE)
  - Coordinator Roberto Barbera (INFN, Italy)
    - Raise awareness of e-Infrastructures
    - Training
    - Ease the access of the trained people into EGI and extend the EGI training and education services
    - Help public and private companies to exploit EGI technologies
    - Provide feedback to EGI and NGIs helping in concrete business exploitation and increased sustainability

Enabling Grids for E-sciencE

- **Leverage EGI technologies towards business adoption with a particular focus for SMEs**

- **Transfer EGI technologies to Public and Private Sector Users**
  - R&D scientific applications developed by EGI & NGIs to be marketed
  - EGI technologies components : *gLite, ARC, UNICORE -> UMD; RESPECT programme*

- **Help commercial companies to exploit EGI technologies**

- **Be a precursor by setting-up a certification programme for Grid certified people (e.g. CISCO/Red Hat Model)**

- **Provide feedback to EGI and NGIs aiding in concrete business exploitation and increased sustainability**
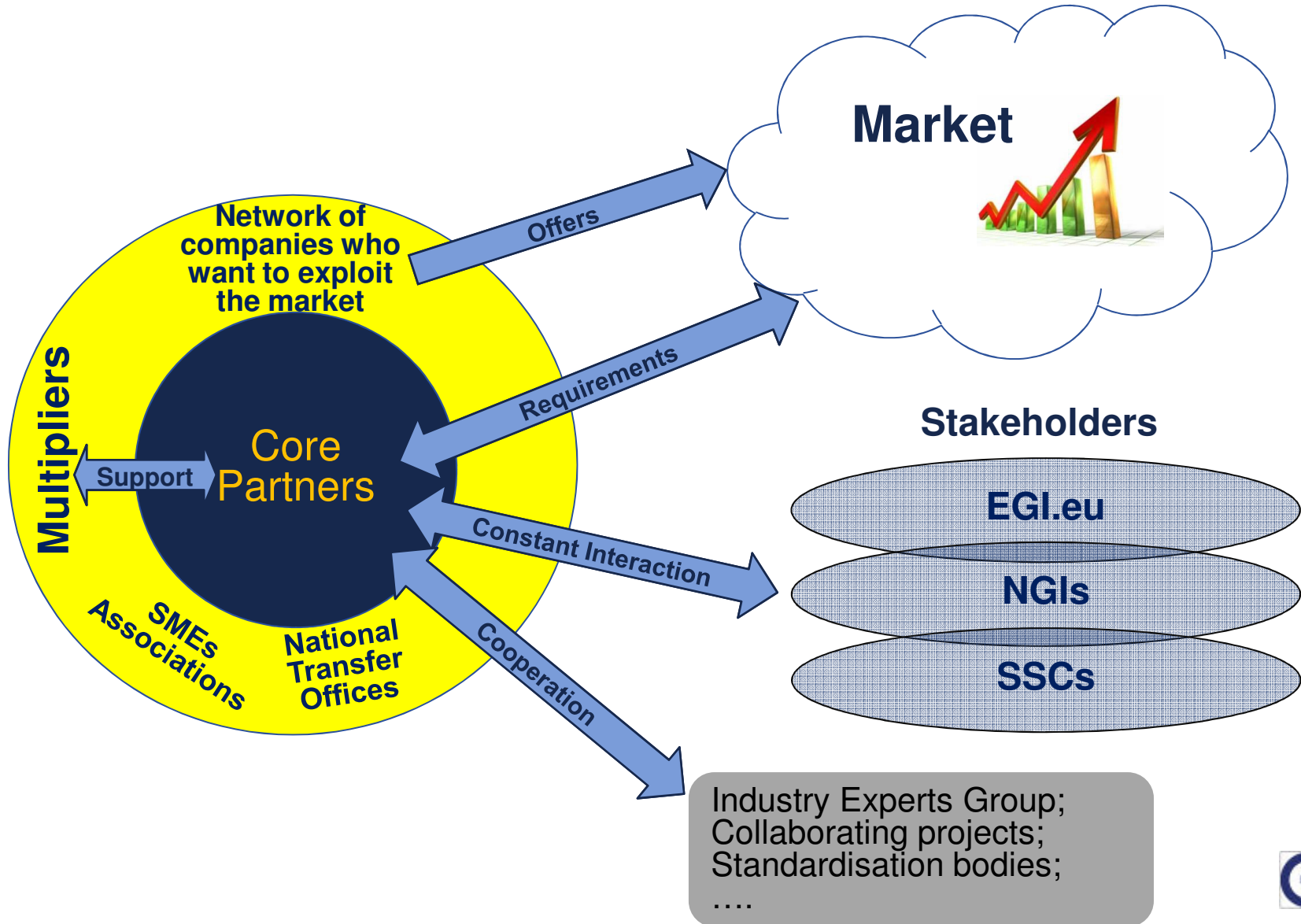
Enabling Grids for E-sciencE

- **Impact**
  - Exposes scientific applications developed by EGI and NGIs commercially
  - Sustains Grid related technologies by attracting companies to offer or adopt EGI's software & services
  - Become a reference for open source Grid market

- **Outputs**
  - Increased leverage of EGI's software & services towards business adoption around Europe
  - Expanded network of providers as multipliers
  - Expended business solutions (Intranet Grid; IaaS ; SaaS)
  - Attracted new business users
  - Developed Market analysis, business plans and pricing models

Market

Network of companies who want to exploit the market

Multipliers

Core Partners

Support

Offers

Requirements

Constant Interaction

Cooperation

SMEs Associations

National Transfer Offices

Stakeholders

EGI.eu

NGIs

SSCs

Industry Experts Group;
Collaborating projects;
Standardisation bodies;
….

eGI

Enabling Grids for E-sciencE

- **Ultimately understand (future feedback to EGI)**

  – Deployment and support of a dedicated infrastructure for business on a payment on demand

  – Creating additional Grid Computing Now! Knowledge Transfer (UK) Network type initiatives in other regions throughout Europe

  – The packaging of UMD and related technologies

www.eu-egi.eu
contact@eu-egi.eu