egee

Enabling Grids for E-sciencE

NA5 – Policy and International Cooperation

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NA5

EGEE 4th Conference, Closing Plenary

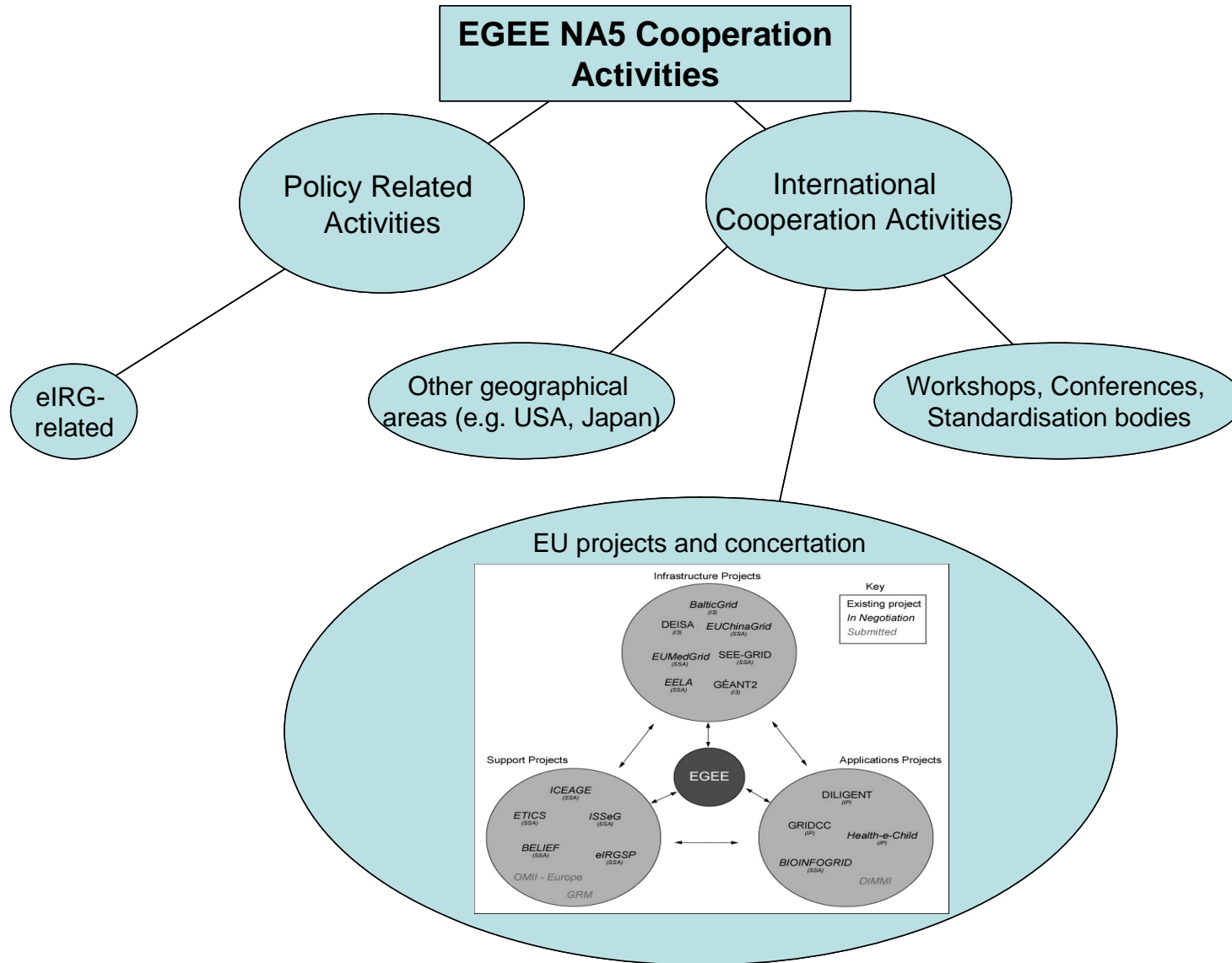*28 October 2005, Pisa*

www.eu-egee.org

Information Society

- **NA5 overview**

- **Report since Athens**

- **Related projects and Pisa session**

- **NA5 plans for EGEE-II**

- **NA5 calendar**

- **Conclusions**

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- ## **NA5 = Policy and International Cooperation**

- ## **Policy-related activities**
  - Mostly focusing on backing the eInfrastructure Reflection Group (www.e-irg.org) "*supporting the creation of a framework for the easy and cost-effective shared use of electronic resources in Europe*"
    - *Pursued mainly through a series of policy related White Papers and Roadmap documents, along with related Workshops*

- ## **International Cooperation activities:**
  - *With other projects including "concertation" activities (i.e. interacting with a cluster of related projects – forum of exchanging ideas)*
  - *With other geographical regions (e.g. North America, Asia-Pacific)*
  - *With standardisation bodies (GGF et al)*

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EGEE NA5 Cooperation Activities

Policy Related Activities

International Cooperation Activities

eIRG-related

Other geographical areas (e.g. USA, Japan)

Workshops, Conferences, Standardisation bodies

EU projects and concertation

- **New NA5 management**
  - Fotis Karayannis is NA5 Activity Leader (May 2005)
  - Joanne Lawson is NA5 Support Officer (Sept. 2005)
- **Most of the NA5 work is summarised in the corresponding deliverable**
  - Deliverable DNA5.3-4
    - Report on International Cooperation Activities and Project Synergies
      - *https://edms.cern.ch/file/653319/2/EGEE-DNA5.3-4-edmsId-v1-4.doc*
      - *Please read it and provide your feedback!*
- **Related projects session in Pisa**
- **First NA5 internal activity meeting during Pisa!**

- **Policy related activities**
  - Cooperation with and support to the **eIRG** (Luxembourg presidency)
    - EGEE coordinated the Support Group i.e. the e-IRG "virtual office"
      - *Leading the publication of the white papers and roadmaps*
      - *Sitting on committees to define the programmes for the workshop meetings*
      - *Keeping notes and minutes for the different meetings and events*
      - *Co-organising the different e-IRG events*
    - Policy and technology experts from EGEE contributed to e-IRG documents, often as sub-editors
    - EGEE experts participated in the e-IRG workshops, several as rapporteurs or area leaders
    - The EGEE project director presented the project's views to the e-IRG community as an observer in the eIRG meetings
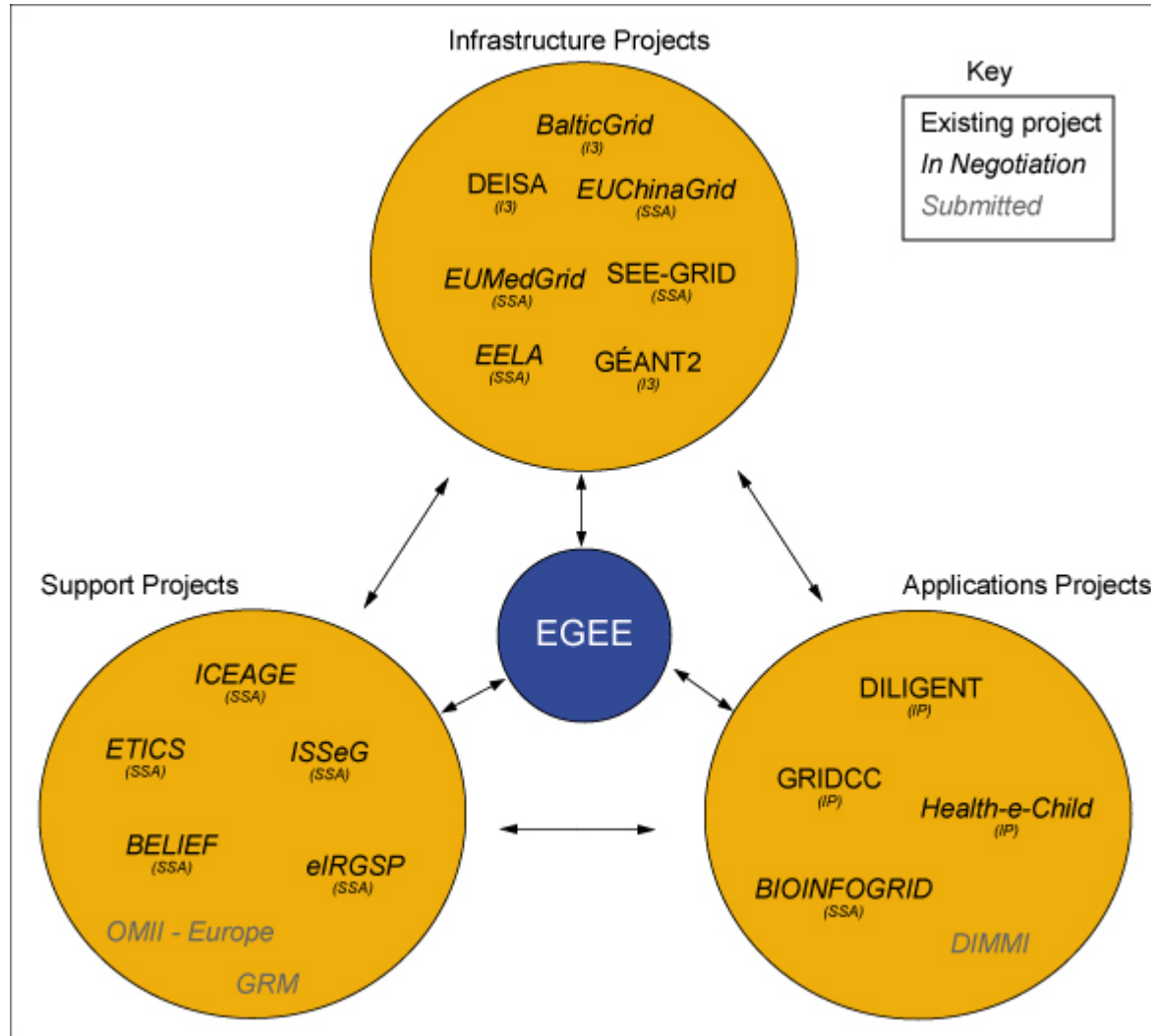
- **International cooperation activities**

  Participation in major international conferences and workshops

  - **GN2 launch event** in Luxembourg, June, 2005
    - Interfaces have been accomplished with other areas of the world, such as India and South Africa in order to establish international Grid efforts.
  - **OECD Global Science Forum** in Sydney, September 2005
    - Discussions highlighted that the area of policies – which in Europe are handled by the e-IRG and supported by EGEE NA5 – should be emphasised more at a global level - Europe seems to be leading this area
  - **Internet2** event in Philadelphia, September 2005
    - Middleware (NMI) and networking initiatives presented: GridShib, MyVOCS – HOPI, DRAGON
  - **iGrid2005 and GLIF** in San Diego, September 2005
    - Mainly related to networking aspects (e.g. reservation) and advanced applications including impressive visual demos!
    - In addition, new US cyberinfrastructure plans presented:
      - *High Performance Computing, Data Analysis and Visualization, Collaboration, Communication and Remote Access, Education & Workforce Development*
    - A lot of discussions about networking activities (related to EGEE SA2/JRA4 issues) such as e2e connections, SLAs, advanced reservation, interaction between Grid middleware and networking layer etc.
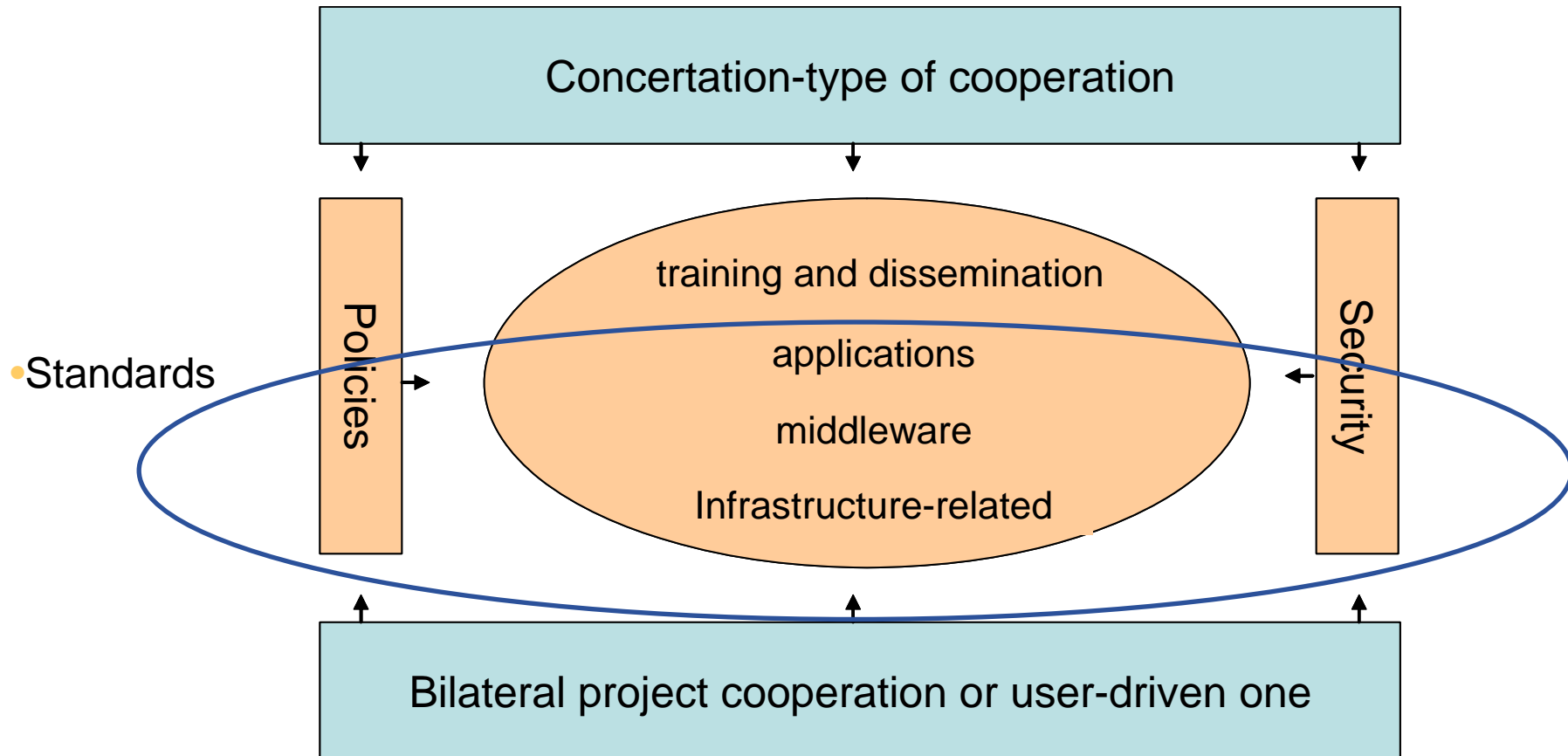
- **"Concertation" efforts:**
  - 2 concertation groups were formed: Security and generic
    - project-eu-egee-concertation-security-gp@cern.ch,
    - project-eu-egee-concertation@cern.ch
  - *Successful EGEE/LCG/OSG working groups extended to other projects:*
    - **MiddleWare Security Group** *(MWSG): by invitation*
      - project-eu-egee-middleware-security@cern.ch
    - **Joint Security Policy Group** *(JSPG): Met on Thursday!*
      - joint-security-policy-group@cern.ch
  - Participation and contributions to the **Grid Technology days** events - Grid Research (Grid Technologies Unit – F2)
  - Participation to the **TERENA NREN-GRID workshops**, Amsterdam May and October 2005
    - Topics such as AAI and Reservation of Networking resources for Grids
  - During EGEE 4 conference:
    - Plenary talks by DEISA, SEEGRID, DILIGENT
    - EGEE gLite training for other projects
    - Demonstrations open for other projects
    - Related projects session!

- **For the March call ~15 projects requested an EGEE** Letter of Support
- **The projects can categorised as follows:**
  - **Infrastructure projects** such as GN2, DEISA, BalticGrid, EELA, EuChinaGrid, EUMEDGRID, SEEGRID
  - **Application-related projects** such as BIOINFOGRID (Bioinformatics), DILIGENT (Digital Libraries), GRIDCC (Real time control and visualisation of instrumentation), Health-e-Child
  - Other **support projects** and initiatives such as eIRG-SP (e-IRG support), ETICS (Software/Middleware centric), BELIEF (dissemination repository), ICEAGE (education), ISSeG (inter site security)
- It was felt that **cooperation is now much more straightforward!**
- **A session was deemed necessary** jointly organised by EGEE NA2 (Dissemination), NA3 (Training), NA4 (Application) and NA5!
- **Scope:**
  - Inform the EGEE community about the related projects
  - To inform the projects of the EGEE services available (Infrastructure-oriented, GILDA, training, etc.)
  - To detect possible synergies and find ways to exploit them..
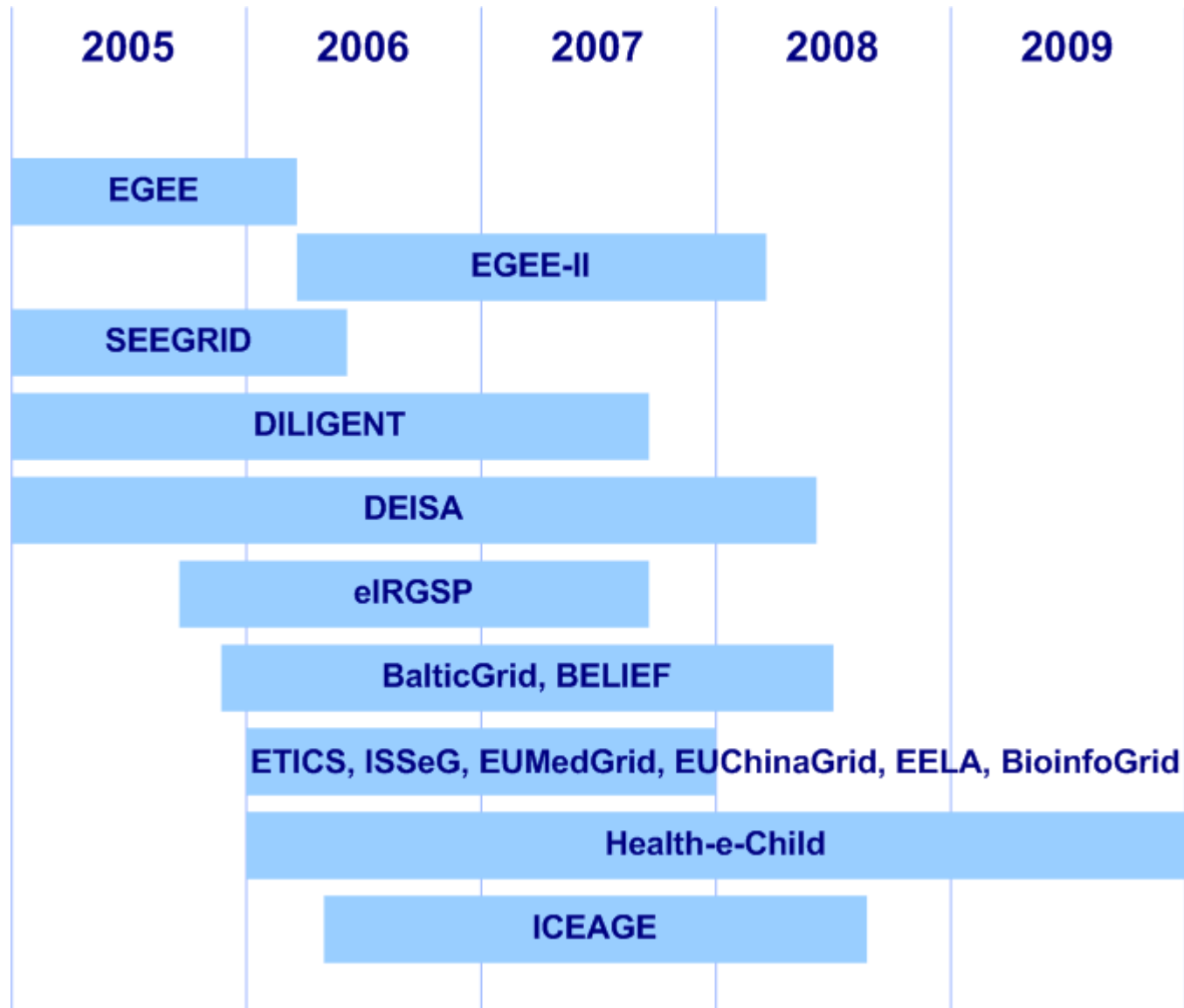 - To give us a chance to meet each other

- Presentations from 12 related projects in a 4+ hours session (Tuesday)
  - **Link**

- Relevant EGEE activities also introduced: NA2-NA3, NA4-SA1
  - **Excellent presentations also for the EGEEers!** ☺

- Panel by both EGEE and the related projects
  - **Discussion on the cooperation areas and the way forward**

Concertation-type of cooperation

Policies

Security

•Standards

training and dissemination

applications

middleware

Infrastructure-related

Bilateral project cooperation or user-driven one

- **EGEE proposed the following areas of cooperation:**
  - Infrastructure-related
    - Integrating resources to the EGEE infrastructure or sharing resources, common policies or procedures to user support and operations
  - Middleware
    - Using the gLite middleware
    - Making different middleware packages **interoperable**
  - Applications
    - Integrating new VOs to EGEE or populating the existing ones
  - Training and dissemination
    - Exchange experiences and ideas to optimise training
    - Provide electronic tools to support training
    - Joint training and dissemination events
  - Security
    - Extend EUGridPMA and IGTF
    - Participate JSPG and MWSG
    - Work on a common AAI infrastructure
  - Policies
    - Contribute to e-IRG white papers, workshops, roadmaps
    - EGEE-II / SEEGRID2 Policy Workshops
  - Standards

- Working groups are a good solution for many areas but not for all

  – More needed when technical work

  – Other forms of collaboration are needed (e.g. discussion fora, bilateral cooperation)

- Priorities should be set - forming too many groups might be counterproductive

  – Training and standards were highlighted, amongst the other

- EGEE will prepare a report and distribute it to the corresponding mailing list formed, cc: na5 list

- More generic..

  – The EGEE conferences are a major driver towards concertation efforts, but should not exclude other events with broader scope

  – EGEE-II will be a good time to start activating collaborations and working synergistically, because of the prevalence of related projects that will start in the next few months

2005	2006	2007	2008	2009

EGEE

EGEE-II

SEEGRID

DILIGENT

DEISA

eIRGSP

BalticGrid, BELIEF

ETICS, ISSeG, EUMedGrid, EUChinaGrid, EELA, BioinfoGrid

Health-e-Child

ICEAGE

- **Introduction to NA5 in EGEE-II**
  - Similar to EGEE-I: Policy and International Cooperation activities
- **Areas:**
  - eInfrastructure Reflection Group support
    - Contribute to eIRG White papers, roadmaps and workshops
  - Roadmap for the next generation Grid Infrastructure NEW!
    - Produce an EGEE roadmap deliverable
  - Cooperation with other geographical areas (new areas)
    - US, Asia-Pacific (Japan, China, Taiwan, Korea)
  - Concertation activities with other projects
    - Related projects group and others F2, F3 projects
  - Inventory of EGEE participation in Grid standards (introduced also in EGEE, after reviewers comments)
    - Mainly documenting contributions through the PEB
  - Participation in major policy setting conferences and workshops
    - SuperComputing and Networking
  - Coordinate licensing issues for EGEE NEW!
    - EGEE-II will gather and lead opinion on how to handle software license management across the nations and industry, so it can speak on behalf of a large proportion of the EU Grid people

- **EGEE Technical review: 6-7 December 2005, Geneva**
  - Brief - to focus only on what concerns the Asia-Pacific collaboration
- **e-IRG UK presidency meeting: 14 December 2005, London**
  - No UK e-IRG White Paper – Discuss internally
- **Conceration meeting, 14? December 2005, Bordeaux,** Clash? ☹
  - Organised by DANTE, seeking more wide concertation (e.g. network-grids)
    - Areas: Monitoring and Performance Optimisation, Resource Management / Allocation, Interoperability Issues, Security and AAA
- **GGF 16, 13-16 February, Athens**
- **Gridcoord workshop, 27-28 February 2006, Linz**
- **EGEE User Forum event, 1-3 March 2006, Geneva**
- **e-IRG workshop+concertation meeting?, 10-11?April 2006, Linz**
  - Combine it with the 3rd TERENA NREN-GRID workshop (March-April?)
- **EGEE Review/EGEE-II kick off meeting, April 2006?**
  - Since brief review for December, NA5 has to focus on the final review
- **e-IRG Austrian presidency meeting, June 2006, Wien**
  - Austrian presidency White Paper, Roadmap to be presented
  - Cooperation with e-IRGSP

- **NA5 is important and is becoming even more important**
  - As the number of related projects has increased
  - As policy issues become more important (2 out of 7 hearing questions on EGEE-II proposal)

- **EGEE as an incubator for new projects!**
  - ~15 letters of support

- **There is good potential for synergistic working with the related projects after the Pisa session: EGEE will be following this up!**

- **We need lots of input from all EGEE activities and partners**
  - Generic task (in PPT tool) to be added in all activities for participation in NA5 work!

- **Thank you! Any comments or questions, email**
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  - joanne.lawson@cern.ch