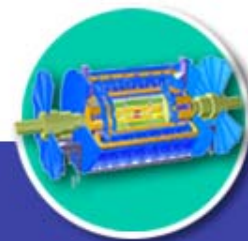
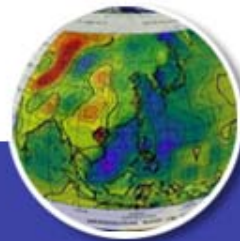




WP3 – Status and plans

EUAsiaGrid CB, April 2009

Luděk Matyska
WP3 leader
CESNET
Czech Republic



Activity Objectives



- **To attract user communities through explicit support of applications in specific areas**
- **Start with a set of applications already running on the gLite-based Grid (EGEE)**
- **Search for new user communities that can benefit from the access to a Grid infrastructure**
- **To establish appropriate Virtual Organizations (VOs)**

Partner's interest



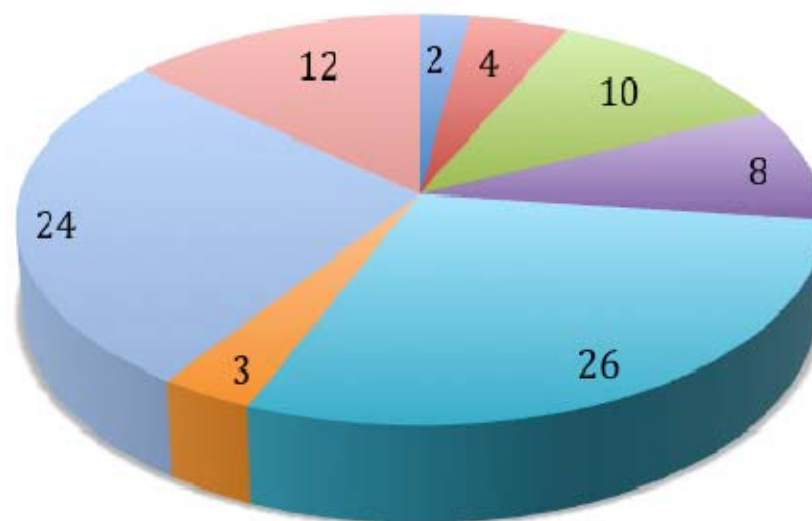
	HEP	Comp.Chem.	Natural Disasters	Social Science	Biomed
INFN	X				
CESNET		X			
UNIMAN				X	
HealthGrid					X
AdMU		X		X	X
ANU					
ASGC	X	X	X	X	X
ASTI			X		X
HAll			X		
ISA			X	X	X
IAMI		X	X	X	X
ITB		X	X	X	X
NECTEC		X	X		
UPM				X	X
MIMOS		X			X

Application domains



- **HEP**
 - ASGC activities (T1 center, CMS, ATLAS)
- **Mitigation of natural disasters**
 - Earth quake simulations
- **Computational Chemistry**
 - Charon interface, several applications, Gaussian
- **Social Science**
 - Population reconstruction code
- **Biomedical applications**
 - GAP, Data Challenge 2

On-line survey – first results



- Arts and Humanities
- Economics and Social Sciences
- Medical Sciences
- Natural Environment Sciences
- Engineering and Physical Sciences
- Particle Physics / Astronomy
- Biotechnology and Biological Sciences

- **Generic, application neutral VO**
 - No barriers for newcomers
 - Based on the “catch-all” approach established in EGEE
- **VO is registered at the CIC portal of EGEE**
- **Registration process fully functional**
 - Some 50 users already registered
 - Partners must encourage users to join
 - Will be also explicitly supported in training events
- **Start of resource allocation**
- **A template for application specific VOs**

EUAsiaGrid VO – current status

Country	Partner	#members	UI	CPU	GB
Italy	INFN	0	No		
Czech Rep.	CESNET	5	No		
UK	NCeSS	2	No		
France	Healthgrid	0	No		
Taiwan	ASGC	16	Yes	3280	6355005
Philippine	ASTI	1	Yes	X	
Philippine	AdMU	3	Yes	X	
Malaysia	UPM	3	Yes	X	
Malaysia	MIMOS	17	Yes	16	95
Vietnam	IAMI	3	Yes	X	
Indonesia	ITB	1	Yes	X	
Thailand	NECTEC	2	Yes	2	1326
Thailand	HAI	1	Yes	2	983
Australia	ANU	0	No		
Singapore	IDA	0	No		

Summary



- **Collection of requirements**
 - Deliverable D3.1 finalized
- **Common gLite infrastructure established**
 - EUAsiaGRID VO
- **New application area identified**
 - Grid-enabled digital culture and heritage
- **Targeted application support**
 - Still under discussion/development
 - Depends on direct interest/contribution from EUAsiaGrid partners

- **Use of EUAsiaGRID VO**
 - User oriented training events
 - Emphasis on particular already existing applications
- **Application users and developers support after the training/dissemination events**
 - Setup and support of local teams
 - Application pilots
 - Focused work at partners' level
- **Continued search for new application areas**
 - The current survey and follow up
- **Relationship with Desktop grids?**