Accounting Portal

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CESGA

EGEE'09 Conference

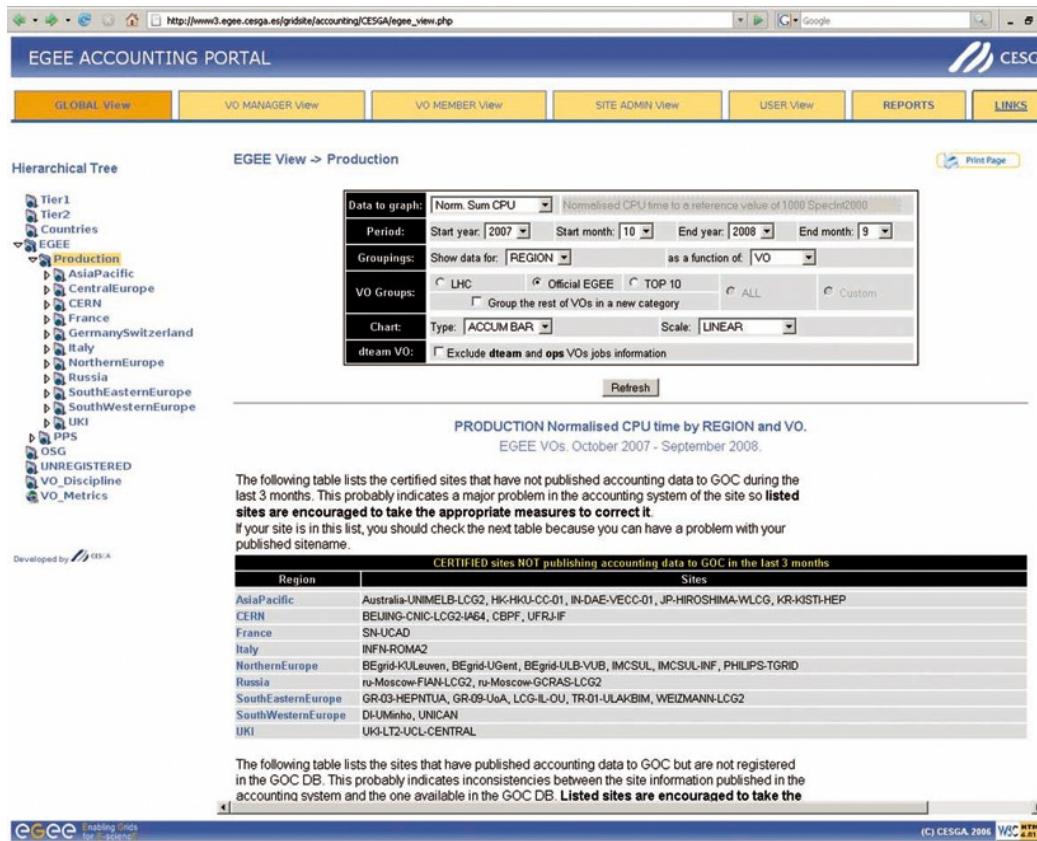Barcelona, September 23, 2009

www.eu-egee.org

e-infrastructure

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- **Introduction**
- **Functionality**
- **Standards**
- **Interoperability**
- **Roadmap**
- **EGI**

- The EGEE Accounting Portal is the graphical front-end to EGEE accounting data. Accounting statistics are available through the Accounting Portal for the analysis of the different grid users, VO administrators and site administrators.

Development Infrastructure:

- **Production Accounting Portal**
  - http://www3.egee.cesga.es/gridsite/accounting/CESGA/egee_view.php

- **Development Accounting Portal**
  - Preview of new functionalities
  - https://www2.egee.cesga.es/gridsite/accounting/CESGA/dev/egee_view.php

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GLOBAL View	VO MANAGER View	VO MEMBER View	SITE ADMIN View	USER View	REPORTS	LINKS

Tier1	Tier2	Countries	Production	PPS	OSG	Unregistered	VO_Discipline	VO_Metrics

Hierarchical Tree

- 📁 Tier1
- 📁 Tier2
- 📁 Countries
- ▽ 📁 EGEE
  - ▽ 📁 **Production**
    - ▷ 📁 **AsiaPacific**
    - ▷ 📁 **CentralEurope**
    - ▷ 📁 **CERN**
    - ▷ 📁 **France**
    - ▷ 📁 **GermanySwitzerland**
    - ▷ 📁 **Italy**
    - ▷ 📁 **NorthernEurope**
    - ▷ 📁 **Russia**
    - ▷ 📁 **SouthEasternEurope**
    - ▷ 📁 **SouthWesternEurope**
    - ▷ 📁 **UKI**
  - ▷ 📁 **PPS**
- 📁 OSG
- 📁 EELA
- 📁 UNREGISTERED
- 📁 VO_Discipline
- 📁 VO_Metrics

Data to graph:	Norm. Sum CPU ↕	Normalised CPU time to a reference value of 1000 SpecInt2000		
Period:	Start year: 2008 ↕	Start month: 10 ↕	End year: 2009 ↕	End month: 9 ↕
Groupings:	Show data for: REGION ↕		as a function of: VO ↕	
VO Groups:	⦿ LHC	○ TOP 10	○ ALL	○ Custom
	☐ Group the rest of VOs in a new category			
Chart:	Type: ACCUM BAR ↕		Scale: LINEAR ↕	
dteam VO:	☐ Exclude **dteam** and **ops** VOs jobs information			

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Total number of jobs run by REGION and VO					
REGION	**alice**	**atlas**	**cms**	**lhcb**	**Total**	**%**
AsiaPacific	428,120	5,359,149	1,733,440	102,117	7,622,826	3.60%
CentralEurope	1,842,484	5,170,108	2,415,183	621,217	10,048,992	4.74%
CERN	2,855,182	18,943,101	5,219,409	2,038,578	29,056,270	13.71%
France	3,855,305	20,882,455	8,787,715	1,893,467	35,418,942	16.71%
GermanySwitzerland	2,362,959	13,424,348	8,398,078	1,247,770	25,433,155	12.00%
Italy	5,050,570	7,664,554	7,997,017	1,885,846	22,597,987	10.66%
NorthernEurope	1,419,541	6,633,226	3,205,584	819,162	12,077,513	5.70%
Russia	2,599,213	5,199,336	2,531,547	843,601	11,173,697	5.27%
SouthEasternEurope	1,895,904	3,489,560	522,077	882,523	6,790,064	3.20%
SouthWesternEurope	24,669	7,796,789	6,034,206	1,352,747	15,208,411	7.17%
UKI	641,978	24,939,466	6,398,980	4,588,409	36,560,833	17.25%
Total	22,975,925	119,502,092	53,243,236	16,275,437	211,996,690	
Percentage	10.84%	56.37%	25.12%	7.68%		

Click here for a csv dump of this table

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ACCOUNTING ENFORCEMENT

- > Sites That Do Not Publish Data
- > Non-Registered Sitename
- > Normalization
- > REPORT

- > Accounting Enforcement Description
- > Contact the Accounting Enforcement Team

Flexible Archiver Status:

153 Sites publishing data today

SITES THAT DO NOT PUBLISH ACCOUNTING DATA

The following table lists the certified sites that have not published accounting data to GOC during the last 7 days. This probably indicates a major problem in the accounting system of the site so **listed sites are encouraged to take the appropriate measures to correct it**.
If your site is in this list, you should check the Non-Registered Sitename page because you can have a problem with your published sitename.

CERTIFIED sites NOT publishing accounting data to GOC in the last 7 days					
Site	Region	Status	RecordEnd	Days	Ticket (*)
HK-HKU-CC-01 SD	AsiaPacific	Certified	2009-09-05	13	No Ticket
IN-DAE-VECC-01	AsiaPacific	Certified	2009-09-09	9	No Ticket
IN-DAE-VECC-02	AsiaPacific	Certified	2009-09-02	16	No Ticket
IN-DAE-VECC-EUINDIAGRID	AsiaPacific	Certified	2009-08-27	22	No Ticket
JP-KEK-CRC-02	AsiaPacific	Certified	2009-08-16	33	No Ticket
MY-MIMOS-GC-01	AsiaPacific	Certified	2009-07-12	68	No Ticket
PAKGRID-LCG2	AsiaPacific	Certified	2009-08-31	18	No Ticket
Taiwan-LCG2	AsiaPacific	Certified	2009-08-28	21	No Ticket
TH-HAII	AsiaPacific	Certified	2009-06-21	89	No Ticket
TH-NECTEC-LSR	AsiaPacific	Certified	2009-08-31	18	No Ticket
TW-FTT	AsiaPacific	Certified	2009-07-27	53	No Ticket
TW-NCUHEP SD	AsiaPacific	Certified	2009-09-01	17	No Ticket
TW-NIU-EECS-01	AsiaPacific	Certified	2009-08-31	18	No Ticket
VN-IOIT-PPS	AsiaPacific	Certified	1970-01-01	14505	No Ticket
BMEGrid	CentralEurope	Certified	2009-09-01	17	No Ticket
egee.irb.hr	CentralEurope	Certified	2009-09-08	10	No Ticket
ELTE	CentralEurope	Certified	2009-08-28	21	No Ticket
SiGNET	CentralEurope	Certified	2009-09-10	8	No Ticket
ICN-UNAM	CERN	Certified	2009-06-12	98	No Ticket
SDU-LCG2	CERN	Certified	2009-09-01	17	No Ticket
IN2P3-LPSC	France	Certified	2009-09-09	9	No Ticket
IPSL-IPGP-LCG2	France	Certified	2009-08-31	18	No Ticket
SWITCH	GermanySwitzerland	Certified	2009-08-30	19	No Ticket
UNI-DORTMUND	GermanySwitzerland	Certified	2009-09-07	11	No Ticket
UNI-SIEGEN-HEP	GermanySwitzerland	Certified	2009-08-31	18	No Ticket

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- **Usage Record (UR)**
  - http://www.gridforum.org/gf/group_info/view.php?group=ur-wg

- **Resorce Usage Service (RUS)**
  - http://www.ogf.org/gf/group_info/view.php?group=rus-wg

- **Relational Grid Monitoring Architecture (R-GMA)**
  - http://www.r-gma.org/

- **ActiveMQ**
  - http://activemq.apache.org/

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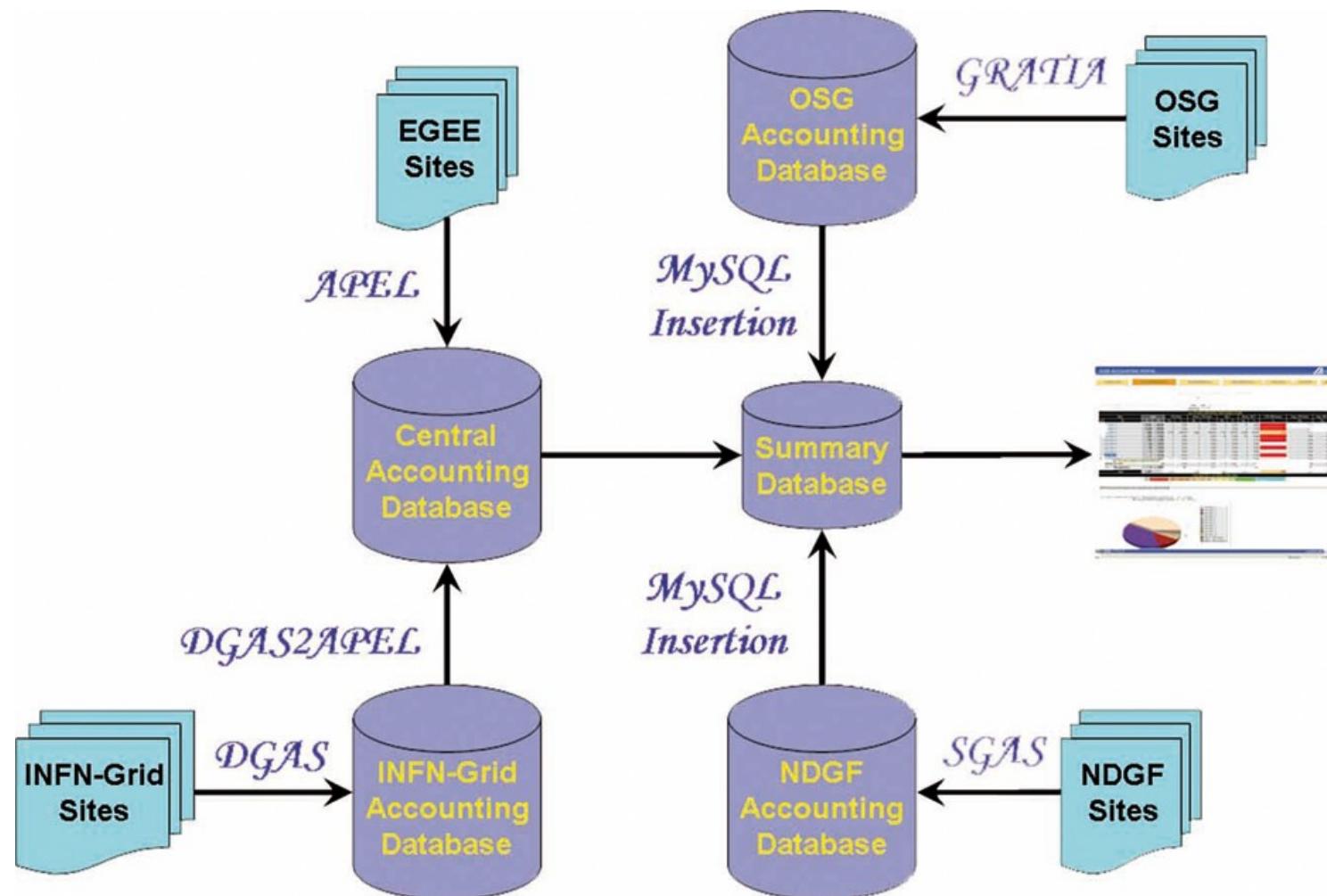
- **Improvements**
  - New charts and branches
  - Provide an API to create charts on-demand (Dec. 2009)
  - Advanced Query Page (Sep. 2009)
  - UserDN "Enforcement" Web (Sep. 2009)
- **Regionalization of the Accounting Portal (Nov. 2009)**
- **RB Information (Dec. 2009)**
- **Normalization (Jan. 2009)**
- **Metrics Portal (dedicated roadmap)**

Proposal to include the accounting portal in:

- **TSA1.6: Accounting**
  - Operation of the portal (O-E-2)

- **JRA1.2: Maintenance and developemnt of operational tools**

- **EMI: Standarization efforts (RUS, UR)**

Main Challenges for EGI:

- **Storage Accounting**

- **Local job accounting**

- **NGI Accounting Portal**

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- **Accounting Portal**
  - http://www3.egee.cesga.es/gridsite/accounting/CESGA/egee_view.php

- **Accounting Portal: Development Version**
  - https://www2.egee.cesga.es/gridsite/accounting/CESGA/dev/egee_view.php

- **Accounting Enforcement Web**
  - http://www3.egee.cesga.es/acctenfor/

- **Metrics Portal**
  - https://www2.egee.cesga.es/gridsite/metrics/CESGA/egee_view.php

- **Roadmap**
  - https://www2.egee.cesga.es/gridsite/accounting/CESGA/dev/links.html

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Thank you!!