

## Accounting Portal

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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.

The screenshot shows the EGEE Accounting Portal interface. At the top, there is a navigation bar with buttons for 'GLOBAL View', 'VO MANAGER View', 'VO MEMBER View', 'SITE ADMIN View', 'USER View', 'REPORTS', and 'LINKS'. Below this is a 'Hierarchical Tree' on the left side, listing various categories like Tier1, Tier2, Countries, EGEE, Production, AsiaPacific, CentralEurope, CERN, France, GermanySwitzerland, Italy, NorthernEurope, Russia, SouthEasternEurope, SouthWesternEurope, UKI, PPS, OSG, UNREGISTERED, VO\_Discipline, and VO\_Metrics. The main content area is titled 'EGEE View -> Production' and contains a form for selecting data to graph. The form includes fields for 'Data to graph' (Norm. Sum CPU), 'Period' (Start year: 2007, Start month: 10, End year: 2008, End month: 9), 'Groupings' (Show data for: REGION, as a function of: VO), 'VO Groups' (LHC, Official EGEE, TOP 10, ALL, Custom), 'Chart' (Type: ACCUM BAR, Scale: LINEAR), and a checkbox for 'dteam VO: Exclude dteam and ops VOs jobs information'. A 'Refresh' button is located below the form. Below the form, there is a section titled 'PRODUCTION Normalised CPU time by REGION and VO. EGEE VOs. October 2007 - September 2008.' followed by a warning: 'The following table lists the certified sites that have not published accounting data to GOC during the last 3 months. 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 next table because you can have a problem with your published sitename.' Below this warning is a table with two columns: 'Region' and 'Sites'. The table lists several regions and their corresponding sites that are not publishing accounting data. At the bottom of the screenshot, there is a footer with the EGEE logo and the text '(C) CESGA 2006'.

**CERTIFIED sites NOT publishing accounting data to GOC in the last 3 months**

Region	Sites
AsiaPacific	Australia-UNIMELB-LCG2, HK-HKU-CC-01, IN-DAE-VECC-01, JP-HIROSHIMA-WLCG, KR-KISTI-HEP
CERN	BEIJING-CNIC-LCG2-IA64, CBPF, UFRJ-IF
France	SN-UCAD
Italy	INFN-ROMA2
NorthernEurope	BEgrid-KULeuven, BEgrid-Ugent, BEgrid-ULB-VUB, IMCSUL, IMCSUL-INF, PHILIPS-TGRID
Russia	ru-Moscow-FIAN-LCG2, ru-Moscow-GCRAS-LCG2
SouthEasternEurope	GR-03-HEPNTUA, GR-09-UoA, LCG-IL-OU, TR-01-ULAKBIM, WEIZMANN-LCG2
SouthWesternEurope	DK-UMhho, UNICAN
UKI	UK-LT2-UCL-CENTRAL

## Development Infrastructure:

- **Production Accounting Portal**
  - [http://www3.egee.cesga.es/gridsite/accounting/CESGA/egee\\_view.php](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](https://www2.egee.cesga.es/gridsite/accounting/CESGA/dev/egee_view.php)

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

<b>Data to graph:</b>	Norm. Sum CPU <input type="text"/> Normalised CPU time to a reference value of 1000 Specint2000			
<b>Period:</b>	Start year: 2008 <input type="text"/>	Start month: 10 <input type="text"/>	End year: 2009 <input type="text"/>	End month: 9 <input type="text"/>
<b>Groupings:</b>	Show data for: REGION <input type="text"/>		as a function of: VO <input type="text"/>	
<b>VO Groups:</b>	<input checked="" type="radio"/> LHC <input type="radio"/> TOP 10 <input type="radio"/> ALL <input type="radio"/> Custom <input type="checkbox"/> Group the rest of VOs in a new category			
<b>Chart:</b>	Type: ACCUM BAR <input type="text"/>	Scale: LINEAR <input type="text"/>		
<b>dteam VO:</b>	<input type="checkbox"/> Exclude <b>dteam</b> and <b>ops</b> VOs jobs information			

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	26,568,833	17.25%
<b>Total</b>	<b>22,975,925</b>	<b>119,502,092</b>	<b>53,243,236</b>	<b>16,275,437</b>	<b>211,996,690</b>	
<b>Percentage</b>	<b>10.84%</b>	<b>56.37%</b>	<b>25.12%</b>	<b>7.68%</b>		

[Click here for a csv dump of this table](#)

[go to top](#) ▲

EGEE - Accounting Enforcement - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://www3.egee.cesga.es/acctenfor/

## ACCOUNTING ENFORCEMENT

> Sites That Do Not Publish Data

> Non-Registered Sitename

> Normalization

> REPORT

> Accounting Enforcement Description

> Contact the Accounting Enforcement Team

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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 <span style="color: blue;">SD</span>	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 <span style="color: blue;">SD</span>	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

Done

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EGEE Accounting Portal - Mozilla Firefox

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https://www2.egee.cesga.es/gridsite/metrics/CESGA/egee\_view.ph

EGEE METRICS PORTAL

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

WLCG Tier1 Per Country WLCG Tier2 EGEE **Metrics Portal**

Hierarchical Tree

- EGEE
  - Production
    - Jobs
    - RCs/Countries
    - Tickets
    - SLA
    - Availability/Reliability
    - Total slots

EGEE View -> Production [Print Page](#)

Data to show: RCs Number of RCs per countrie

Period: Start year: 2009 Start month: 1 End year: 2009 End month: 9

[Refresh](#)

**PRODUCTION Total number of RCs per countrie**  
RCs and Countries. January 2009 - September 2009

Country	RCs
Italy	44
United Kingdom	21
Germany	19
France	17
Spain	15
Russia	15
Greece	12
Netherlands	12
Romania	11
Portugal	8

Developed by

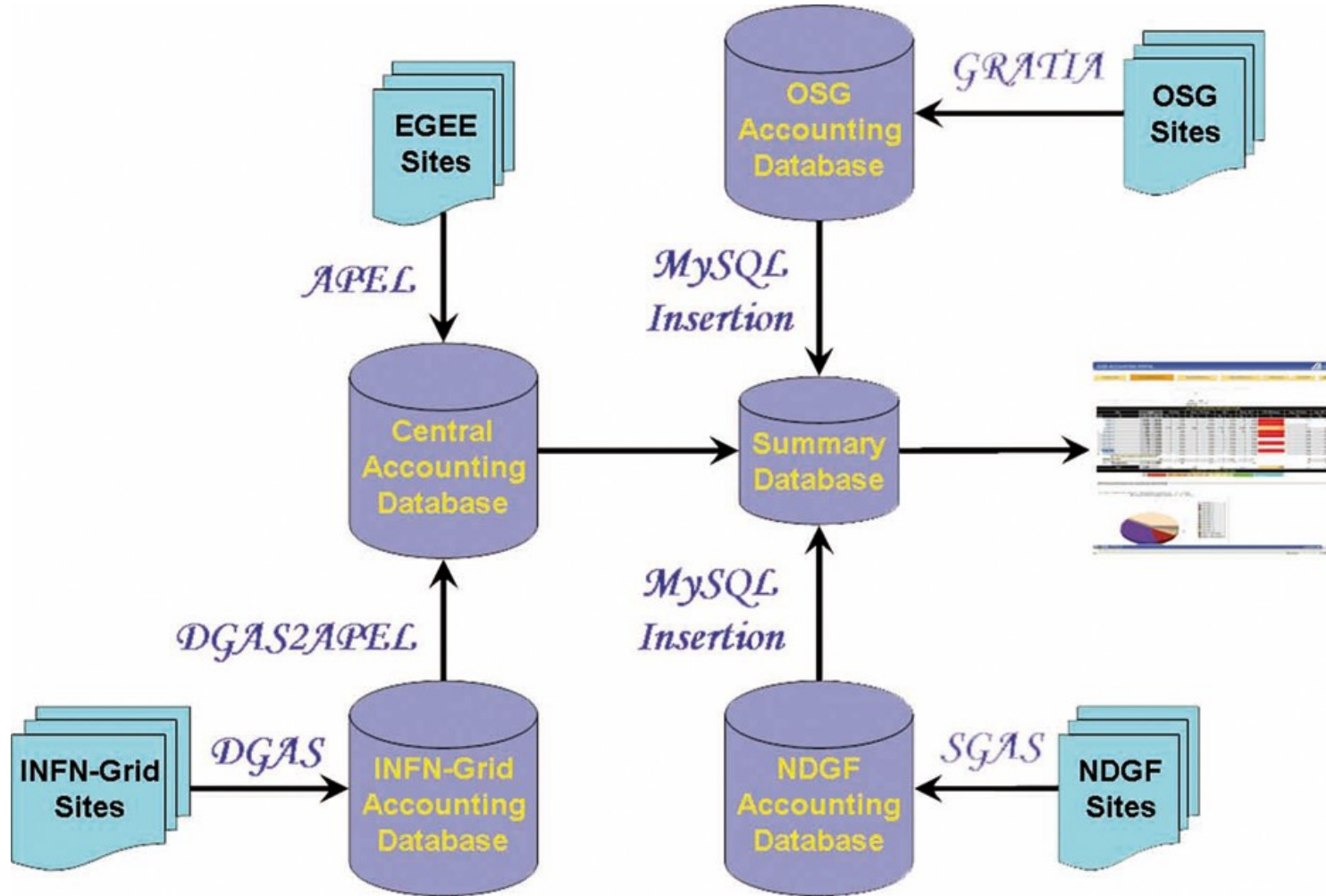
EGEE Enabling Grids for E-science

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https://www2.egee.cesga.es/gridsite/accounting/CESGA/... www2.egee.cesga.es Open Notebook alcachi@gmail.com



- **Usage Record (UR)**
  - [http://www.gridforum.org/gf/group\\_info/view.php?group=ur-wg](http://www.gridforum.org/gf/group_info/view.php?group=ur-wg)
- **Resource Usage Service (RUS)**
  - [http://www.ogf.org/gf/group\\_info/view.php?group=rus-wg](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/>



- **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**

- **Accounting Portal**
  - [http://www3.egee.cesga.es/gridsite/accounting/CESGA/egee\\_view.php](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](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](https://www2.egee.cesga.es/gridsite/metrics/CESGA/egee_view.php)
- **Roadmap**
  - <https://www2.egee.cesga.es/gridsite/accounting/CESGA/dev/links.html>

## Thank you!!

