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EchoGRID

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SSA Project

Information Society Technologies

D4.1 – Web site

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Table of Contents

1	Summary	4
2	Status of EchoGRID Website	4
3	A central point for the consortium	4
4	Website Overview	5
5	Website Detailed Description	6
5.1	Home Page	6
5.2	Consortium	7
5.3	Workshops	8
5.4	Conferences	9
5.5	Grid Plugtest	11
5.6	Mobility Programme	12
5.6.1	The Fellowship Programme	12
5.6.2	The Research Exchange Programme	13
5.7	News	14
5.8	Contact	15
5.9	Links	16
5.10	Profile Database	17
6	Chinese Mirror site	18
7	Conclusion	19

1 Summary

The goal of this deliverable is to describe the structure and content of the EchoGRID website which has been launched in January 2007. The website focuses on information dissemination both outside and within the circle of members.

The EchoGRID Website is a formal project deliverable.

2 Status of EchoGRID Website

The general structure has been discussed and agreed with the EchoGRID members. The site is on-line and accessible to the public at:

<http://echogrid.ercim.org>

The server that hosts the EchoGRID website runs under the supervision of ERCIM web dedicated staff, Peter Kunz and Samuel Rethore, and is regularly updated. ERCIM, the ERCIM members and the Asian partners provide the content: news, updates, workshop and conferences proceedings, etc ...

The website was created and is currently managed and updated using an open source Content Management System (CMS), namely Joomla, freely available. (<http://www.joomla.org/>).

3 A central point for the consortium

The EchoGRID website is and will be the central point for the consortium and for outside the organizations, bodies, academia and research institutions dealing with research policies in the Grid domain.

It will be used to:

- Exchange information of general interest
- Manage the mobility programme
- Register participants to the project events
- Store the documentation related to the events
- Store and publish companies and research institutes profiles
- Make all dissemination material accessible (announcements, latest European and Chinese related news or press releases)
- Disseminate relevant information, project results and documents in general activities
- Establish links with existing Grid initiatives

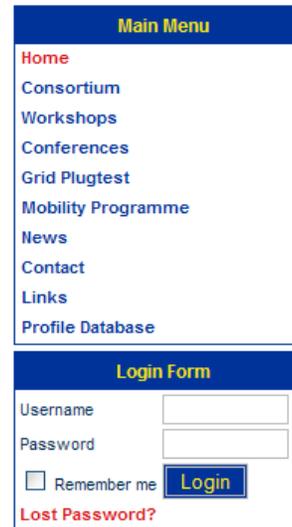
Regularly the web site is updated by the Administrative Coordinator, Bruno Le Dantec and the assistant to the coordinator, Mrs Florence Pesce.

4 Website Overview

The website is divided into different sections that are listed below and presented in the figure beside. Furthermore, it has to be mentioned that the Joomla CMS that is used allows the addition of new thematic areas / sections (which may occur during the project lifecycle).

A search engine, based on a Joomla module, helps visitors to search in the site content. Finally a Really Simple Syndication (RSS 2.0) is available to keep up visitors with EchoGRID updates.

- *Home page*: It shortly describes the project and the latest news and events.
- *Consortium page*: It displays all participating institutes involved in the EchoGRID Project
- *Workshops page*. It describes past and planned workshops
- *Conferences page*. It provides information related to the two Conferences that have been planned.
- *Grid Plugtest page*. It describes this activity.
- *Mobility Programme page*. It provides all information regarding the Fellowship programme and the Research Exchange programme
- *News page*. It contains press release and latest news
- *Contact page*. It lists the EchoGRID coordinators and contact points
- *Links page*. It lists interesting websites in the field of Grid technologies
- *Profile Database page*. It allows partners to submit their institution profile for future collaborations.
- The Private area of the website is accessible from the home page with the use of a login portlet (login and password are required). It is used as a repository to store working documents.



Main Menu

- [Home](#)
- [Consortium](#)
- [Workshops](#)
- [Conferences](#)
- [Grid Plugtest](#)
- [Mobility Programme](#)
- [News](#)
- [Contact](#)
- [Links](#)
- [Profile Database](#)

Login Form

Username

Password

Remember me

[Lost Password?](#)

- Fig 1-

5 Website Detailed Description

5.1 Home Page

The Home page contains the full project title, the objectives and the outcomes of the EchoGRID project.

The second part of the page is a dynamic area where latest messages are displayed, such as highlights of events, latest news, etc...



Home Wednesday, 11 July 2007

ECHOGRID EUROPEAN AND CHINESE COOPERATION ON THE GRID

search...

Main Menu

- Home
- Consortium
- Workshops
- Conferences
- Grid Plugtest
- Mobility Programme
- News
- Contact
- Links
- Profile Database

Login Form

Username:
 Password:
 Remember me
[Lost Password?](#)

Welcome to EchoGRID

EchoGRID will foster collaboration in Grid research and technologies by defining short-, mid-, and long-term vision in the field

- Establish a common Grid research agenda, relying on European and Chinese experts, both from academia and industry;
- Consolidate this vision and promote cross-fertilisation between Grid-related projects and initiatives in Europe and China by interacting with the GRID research and industrial communities;
- Exchange experiences and best practices by selecting Grid Open Standards for Grid middleware and applications interoperability and by promoting the identification of guidelines for building a Standard Quality Assurance Process;
- Support lasting cooperation and establish tangible partnerships in the field through support activities and tools, ranging from a mobility programme for researchers, to a dedicated partner search engine.

Outcomes

- 3, 5 and 10 years roadmaps developing a shared European and Chinese vision of future GRID research perspectives for both research and industrial communities on which both sides may collaborate;
- a series of conferences and workshops open to both European & Chinese participants from research, industry, government, SMEs and user communities;
- a EU-China interoperability Grid Plugtests to test and improve interoperability mechanisms of Grid middleware;
- a collaborative Multilingual Portal for grid-related resources

BELIEF-EELA e-Infrastructure Conference

BELIEF-EELA e-Infrastructure Conference
Connecting the knowledge of today for the value of tomorrow 25-28 June 2007, Rio de Janeiro, Brazil

Press Release

News from the GRIDtoday Editors:

- [GXS Chooses Egenera BladeFrame to Support Trading Grid](#)
- [Gartner: Rush to Virtualization Can Weaken Security](#)
- [WS-I Publishes Basic Security Profile 1.0](#)
- [Conference to Discuss European, Chinese Grid Experiences](#)
- [Development of Standards-Based Grid Portals, Part 2: JSR 168 Grid Portlets](#)
- [Complex Server Virtualization Setups Thwart ROI](#)
- [Feng shui IT](#)
- [SOA Architects Must Be as Much Evangelists and Consensus-builders as Technologists](#)
- [eXludus: Cluster and Grid Optimization](#)

- Fig 2 -

5.2 Consortium

The Consortium page lists the participating institutes involved in the EchoGRID Project. It gives access to participant's individual website.



The screenshot shows the EchoGRID website's Consortium page. At the top, there is a search bar and the EchoGRID logo with the tagline "EUROPEAN AND CHINESE COOPERATION ON THE GRID". Below the header, a navigation menu on the left includes links for Home, Consortium, Workshops, Conferences, Grid Plugtest, Mobility Programme, News, Contact, Links, and Profile Database. The main content area is titled "Consortium" and lists the following participants with their logos, names, and national flags:

Logo	Institute Name	Flag
	ERCIM - GEIE ERCIM	
	National Technical University of Athens - ICCS/NTUA	
	ATOS Origin SAE - ATOS	
	Engineering Ingegneria Informatica S.p.A. - ENG	
	THALES	
	Beihang University - BUAA	
	Institute of Computing Technology, Chinese Academy of Sciences - ICT	
	Computer Network Information Center, Chinese Academy of Sciences - CNIC	
	National University of Defence Technology - NUDT	
	Huawei Technologies Co.,Ltd - HUW	

At the bottom of the page, there is a footer with logos for THALES, ENGINEERING INGEGNERIA INFORMATICA, Atos Origin, and the participating institutes, along with the text: "© 2007 EchoGRID: European and Chinese Cooperation on Grid is Supported by the European Commission under FP6".

- Fig 3 -

5.3 Workshops

This page presents the workshops already organized (location, date and objectives) with a link to the workshop programme.

It will be updated with the dates and full description of the future workshops.



- Fig 4 -

5.4 Conferences

The Conferences main page provides a general overview of the planned conferences with direct links to past and foreseen events.



Home > Conferences Monday, 09 July 2007

Main Menu

- Home
- Consortium
- Workshops
- Conferences**
 - Beijing - China
 - News From Beijing
- Grid Plugtest
- Mobility Programme
- News
- Contact
- Links
- Profile Database

Conferences

Two international conferences will be organised in China to showcase results, exchange knowledge and learn about developments from emerging economies. Site-visits may be organised around the events in China, to have a first hand experience of the local technologies and developments. Balanced representation of industry and academic participants will be ensured.

The **First International Conference** was held in **Beijing on 24-27 April 2007** and was co-organised with LIAMA and CNIC. This Conference presented complementarities between European and Chinese initiatives and disseminate the goals and foreseen activities of EchoGRID. More information on this [page](#)

During this conference, **INRIA** provided a **two-day free course, ProActive Tutorial, at SuperComputing Centre**, CAS on 26-27th April. ProActive has been successfully used as a strong vehicle for interoperability in the first 3 Grid Plugtests, and it is also the current reference implementation of the GCM (Grid Component Model). Moreover, as an Open Source middleware part of the OW2 consortium, ProActive is being used by several industrial companies in production applications.

The objective of this EchoGrid two-day course on ProActive are :

- to prepare for the fourth Grid Plugtests being part of EchoGrid,
- help Chinese teams that want to compete in the challenge,
- help industrial users to get started with ProActive and use Parallel and Grid Computing.

The online registration for the proActive tutorial is now available via ProActive website: <http://www.sop.inria.fr/oasis/proactive/>

The **Second International Conference** should be organised in connection with the **Second GridPlugtest in October 2008**. It will close the EchoGRID project with a large results dissemination and will present the final roadmap.

Feedback from the participants will be analysed in order to verify the benefits gained by participants, learn lessons for other event organisations and particularly to obtain preliminary information on knowledge sharing experiences, future co-operation development & future planned activities. A Follow-up report & evaluation of results will be compiled for each of the events including recommendations, future steps and conclusions.



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- Fig 5 -

Each Conference has its dedicated page. It gives access to all useful information: interface, programme, hotel accommodation and general information for the trip, location of the conference, Conferences news and online registration.



Home > Conferences > Beijing - China
Tuesday, 24 April 2007

Main Menu

- Home
- Consortium
- Workshops
- Conferences
 - Beijing - China
 - News From Beijing
- Grid Plugtest
- Mobility Programme
- News
- Contact
- Links
- Profile Database

1st International Conference, 24-27 April 2007, Beijing, China

Two international conferences will be organised in China to showcase results, exchange knowledge and learn about developments from emerging economies. Site-visits may be organised around the events in China, to have a first hand experience of the local technologies and developments. Balanced representation of industry and academic participants will be ensured.



1st International Conference, 24-27 April 2007, Beijing, China
Networking EU & Chinese Grid Experiences for Innovation

[Conference Interface](#) | [Programme](#) | [Useful Information for your trip](#) | [Conference News](#) | [Registration](#)

The 1ST Joint EchoGRID & EUChinaGRID International Conference will be held on 24-27 April 2007 at the ICT, Chinese Academy of Science in Beijing, China and will be co-organised with LIAMA and CNIC. This Conference will present complementarities between European and Chinese initiatives and disseminate the goals and foreseen activities of EchoGRID.

EchoGRID and EUChinaGRID offer this conference to promote cross-fertilisation between Grid-related projects and initiatives in Europe and China by interacting with top Grid research and industrial communities, exchange experiences and best practices for Grid middleware and applications interoperability.

Value Add:

- outstanding platform for European and Chinese state-of-the-art Grid technologies;
- opportunity for industry & research to showcase results;
- knowledge-exchange on new application areas, best practices & future advancements.

Applications for Live Demo & Poster Session are now closed

Participation is free of charge but subject to on-line [registration](#)

Conference Interface:

- [Giovanna Calabro](#) : Speaker and Delegate Interface
- [Stephanie Parker](#) : Press & Media

Programme highlights:

Enterprise Challenges with Grids, Interoperability, New Programming Paradigms/SOA, New Priorities for Management in Grids, and Ongoing Research versus Enterprise Achievements. The **programme** also features a Live Demo & Poster Session, as well as a roundtable on Future Collaborative Scenarios led by experts at the forefront of Grid technologies.

View programme [\[pdf\]](#)

Useful information for your trip: [\[pdf\]](#)

Venue

The joint ECHOGrid and EUChinaGrid conference will take place at the **Institute of Computing Technology**, Chinese Academy of Sciences No. 6 South Kexueyuan RD. Haidian District, Beijing

[Map - Airport to ICT](#)

- Fig 6 -

5.5 Grid Plugtest

The Grid Plugtest page describes the two GRID Plugtests that will be organised in October 2007 and 2008.



Home > Grid Plugtest Wednesday, 11 July 2007

Grid Plugtest

Two GRID Plugtest will be organised fall 2007 and 2008.

The goal is to test and improve interoperability mechanisms of Grid middleware, and to learn, through user experiences, deployments, and open discussions about the current status of Grid infrastructure between EU and China, Grid middleware in use on each side, and future features and interoperability mechanisms needed for the Grid.

The plan is to set-up these two EU-China Grid Plugtest, with physical presence and operation from both the Nice (France) location, and a China location (for instance Beihang University in Beijing).

The First GridPlugtest will be organised from 28 October 2007 to November 1st 2007 and will be hosted by CIIC in Beijing. (detailed agenda and more information will come shortly)

Last year, ETSI, INRIA and CoreGRID decided to organize the **3rd GRIDs@work** to bring together Grid Researchers, Industrials and Users, to learn through the Grid users experience about the future features needed for the Grid platform, to learn how to best program Grid aware applications and to get important feedback on the deployment and interoperability of Grid applications on various Grid.

Logos at the bottom: THALES, ENGINEERING INGEGNERIA INFORMATICA, Atos Origin, European Union, China, HUAWEI, ICT, BEIJING UNIVERSITY.

© 2007 EchoGRID: European and Chinese Cooperation on Grid is Supported by the European Commission under FP6

- Fig 7 -

5.6 Mobility Programme

The mobility Programme page provides information on the two activities as planned in the Description of Work, namely

- (i) the Fellowship Programme and
- (ii) the Research Exchange Programme.

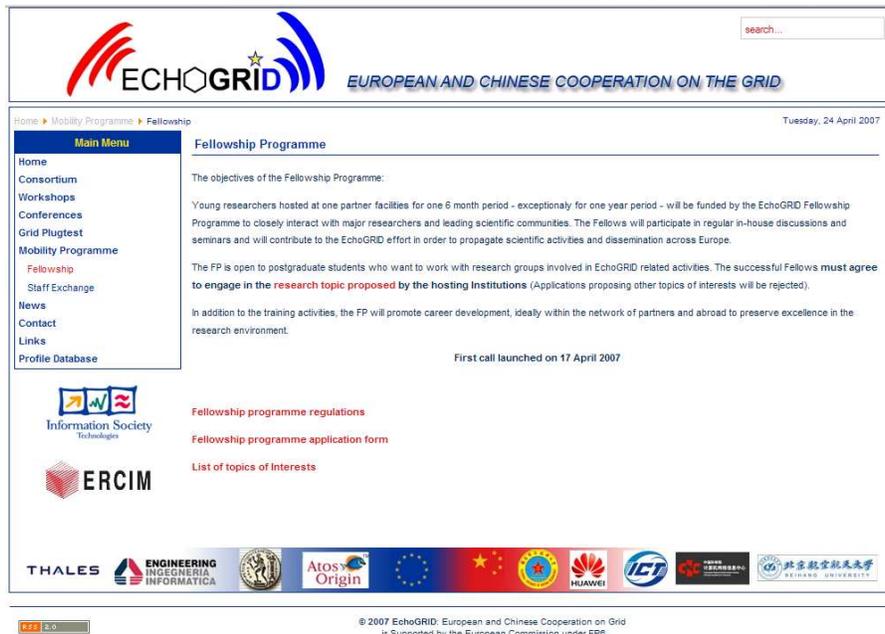
The detailed description (objectives, regulations, application forms) of these two complementary activities is explained in a dedicated page.



- Fig 8 -

5.6.1 The Fellowship Programme

The Fellowship Programme information that includes its objectives, regulations topics of interests as defined by the EchoGRID partners and application forms are available in the corresponding page of the website as depicted in the following image.



- Fig 9 -

5.6.2 The Research Exchange Programme

The research Exchange Programme page explains the objective of the staff exchange and gives access to regulations and application form.



- Fig 10 -

5.7 News

This page provides press releases and news regarding the Grid activities worldwide.

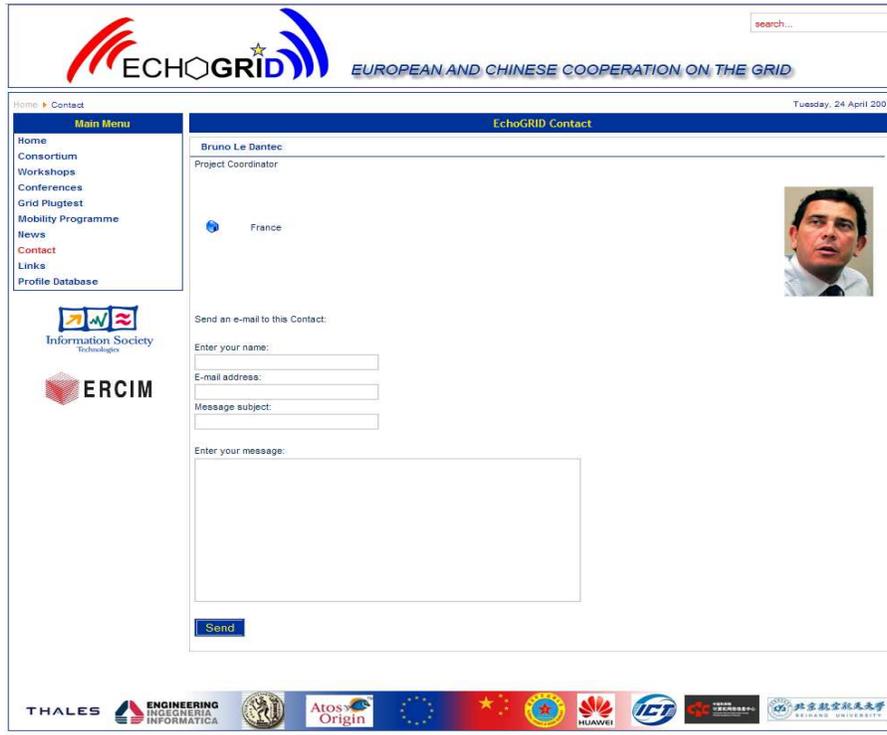


The screenshot shows the EchoGRID website interface. At the top, there is a search bar and the EchoGRID logo with the tagline "EUROPEAN AND CHINESE COOPERATION ON THE GRID". Below this, a navigation bar includes "Home" and "News". A "Main Menu" sidebar on the left lists various site sections like "Consortium", "Workshops", "Conferences", "Grid Plugtest", "Mobility Programme", "News", "Latest news", "Previous news", "Contact", "Links", and "Profile Database". The main content area is titled "News" and contains a "Press Release" section with a list of news items from the GRDtoday Editors, such as "GXS Chooses Egenera BladeFrame to Support Trading Grid" and "Gartner: Rush to Virtualization Can Weaken Security". A featured article titled "1st International Conference on EU and Chinese Grid Experiences" is highlighted, mentioning that EchoGRID and EUChinaGRID projects are jointly organizing the event in Beijing at the Institute of Computing Technology, Chinese Academy of Science. The footer of the page displays logos of partner organizations including THALES, ENGINEERING INFORMATICA, Atos Origin, the European Union, HUAWEI, and BEIJING UNIVERSITY.

- Fig 11 -

5.8 Contact

The name and position of the team managing the project is available in the Contact Page.



- Fig 12 -

5.9 Links

The links page provides a list of other interesting websites in the field of Grid technologies. (Names are directly linked to each website)



The screenshot shows the EchoGRID website interface. At the top, there is a search bar and the EchoGRID logo with the tagline 'EUROPEAN AND CHINESE COOPERATION ON THE GRID'. Below the logo, the page is titled 'Home > Links' and shows the date 'Tuesday, 24 April 2007'. A 'Main Menu' is visible on the left, listing various sections like Home, Consortium, Workshops, etc. The main content area is titled 'Web Link' and contains a list of links:

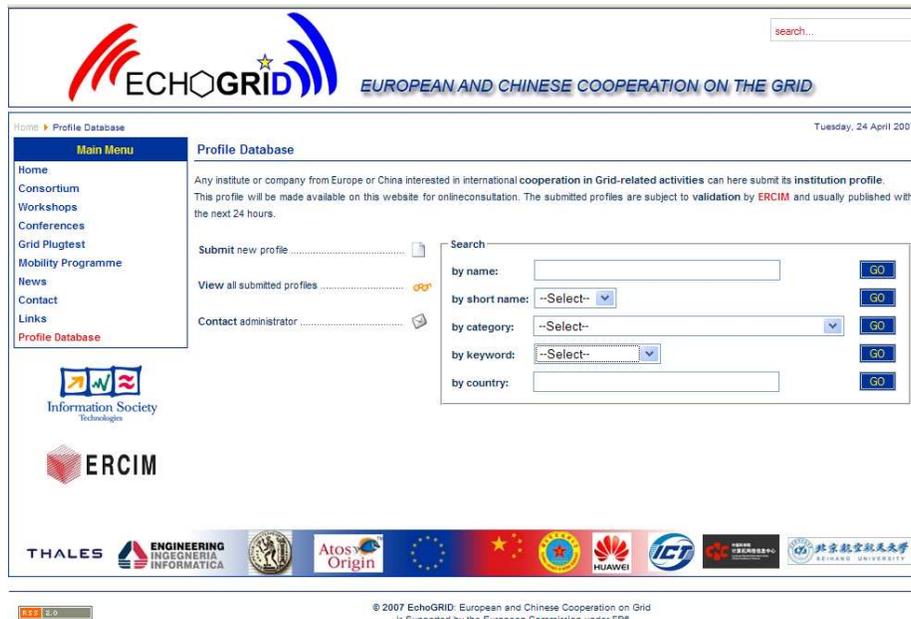
- [EGEE User forum](#)
- [EGEE User Forum, Manchester, 9-11 March 2007](#)
- [EGEE '07 Conference](#)
- [EGEE '07 Conference](#)
- [Enter THEGrid](#)
- [Enter THEGrid Web site](#)
- [CoreGRID](#)
- [European Research Network on Foundations, Software Infrastructures and Applications for large scale distributed, GRD and Peer-to-Peer Technologies](#)
- [F2 Unit](#)
- [F2 Unit Web site](#)
- [NESSI](#)
- [NESSI Web site](#)
- [Next Generation GRIDs](#)
- [Next Generation GRIDs Expert Group Report 3](#)
- [Challenger Project](#)
- [Challenger Web site](#)

The footer of the page includes logos for THALES, ENGINEERING INGEGNERIA INFORMATICA, Atos Origin, the European Union flag, the Chinese flag, HUAWEI, ICT, and BEIHANG UNIVERSITY. Copyright information at the bottom states: © 2007 EchoGRID. European and Chinese Cooperation on Grid is Supported by the European Commission under FP6.

- Fig 13 -

5.10 Profile Database

The partner profile data base allows any European or Chinese Institute or Company to submit its institution profile. It is not restricted to the members but is open to any entity which would like to be involved in international Grid activities.



The screenshot shows the 'Profile Database' page of the EchoGRID website. At the top, there is a search bar and the EchoGRID logo with the tagline 'EUROPEAN AND CHINESE COOPERATION ON THE GRID'. Below the logo, the page title is 'Profile Database' and the date is 'Tuesday, 24 April 2007'. A 'Main Menu' is located on the left side, listing various sections like Home, Consortium, Workshops, etc. The main content area contains a description of the profile submission process and a search form. The search form has five fields: 'by name', 'by short name', 'by category', 'by keyword', and 'by country', each with a 'GO' button. At the bottom, there is a footer with logos of partner organizations including THALES, ENGINEERING INFORMATICA, Atos Origin, the European Union flag, the Chinese flag, HUAWEI, ICT, and BEIJING UNIVERSITY.

- Fig 14 -

6 Chinese Mirror site

Thanks to our Chinese colleagues, the EchoGRID website has been translated into Chinese. It has the same structure as the genuine website, and is accessible at: <http://219.239.227.110/echogrid/>

Two screenshots are given here to provide example of the web site format. We selected the front page and the consortium description page.

EchoGRID Chinese web site: the front page



The screenshot shows the front page of the EchoGRID Chinese website. At the top, there is a navigation bar with the EchoGRID logo and the text "EUROPEAN AND CHINESE COOPERATION ON THE GRID". Below the navigation bar, there is a sidebar on the left with a menu of links: 首页, 联盟, 研讨会, 会议, 网络插件, 机动性项目, 新闻, 联系信息, and 网站管理. The main content area features a welcome message in Chinese, followed by a list of bullet points describing the consortium's goals and activities. Below this, there is a section titled "成果:" (Achievements) with a list of bullet points detailing the consortium's progress. Further down, there is a section titled "第一届欧洲和中国网络交流国际会议:" (1st International Conference on European and Chinese Network Exchange) with a paragraph of text and a link to "阅读全文..." (Read more...). The page also includes a section for "ProActive 培训" (ProActive Training) and a "新闻" (News) section at the bottom.

- Fig 15 -

EchoGRID Chinese web site: the consortium page



- Fig 16 -

7 Conclusion

The EchoGRID web site has been designed and implemented following the best practices and recommendations met during previous European Projects management.

It has been successfully launched, and provides useful information for European and Chinese partners. It will be updated regularly and all along the project life with new information regarding events (workshops, conferences, plugtest, meetings), candidates selected for the mobility programme and all latest news of the project.

The Chinese mirror website will enable efficient dissemination of the project results and activities towards Asian countries.