



GISELA

CRASH PROGRAM FINAL REPORT FOLLOW UP AT THE END OF Q3

GISELA Note – CPM01

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Abstract: This document presents the outcomes of the GISELA “Crash Program”, run from the end of February to the beginning of April 2011, to recover from the observed unsatisfactory achievements of the CLARA Transition Team and Work Packages, over the first 6 months of the project. **It has been updated at the end of Q3 (May 2011) to report on the outcomes of the decided recovery actions.**



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1. INTRODUCTION

1.1. PURPOSE OF THE DOCUMENT

This document presents the diagnosis, action plan and resources identified by the GISELA “Crash Program”, run from the end of February to the beginning of April 2011, to recover from the observed unsatisfactory achievements of the CLARA Transition Team and Work packages, over the first 6 months of the project. It has been updated at the end of Q3 (May 2011) to report on the outcomes of the decided recovery actions.

1.2. DOCUMENT ORGANISATION

Section 2 presents the reasons and scope of the Crash Program. The adopted methodology is sketched in Section 3. The actual diagnosis, current situation, action plan, milestones and manpower issues are assessed in Section 4. Section 5 deals with the current state of the Website and its foreseen upgrade. These last two sections have been updated with the actual results of the recovery actions by the end of Q3. Conclusions are drawn in section 6. The recommendations of Leandro Ciuffo, on behalf of the External Advisory Committee, are given in Annex.

1.3. DOCUMENT AMENDMENT PROCEDURE

Amendments to this document can be requested by any Project Member to the Project Coordinator, via the Project Office (hlp-gisela@hlpdeveloppement.fr).

1.4. GLOSSARY

CB	Consortium Board
CLARA	Cooperación Latino Americana de Redes Avanzadas
CoA	Consortium Agreement
DoW	Description of Work
EAC	External Advisory Committee
EC	European Commission
EELA	E-Infrastructure shared between Europe and Latin America
EELA-2	E-science grid facility for Europe and Latin America
EGEE	Enabling Grids for E-science in Europe
EGI	European Grid Initiative
EU	European Union
FTE	Full Time Equivalent
HLP	HLP Développement S.A. (France)
KoM	Kick-Off Meeting
LA	Latin America
LGI	Latin American Grid initiative
NGI	National Grid Initiative
NREN	National Research & Education Network
PC	Project Coordinator
PM	Person Month
PO	Project Office
PR	Periodic Report



**CRASH PROGRAM FINAL REPORT
FOLLOW UP AT THE END OF Q3**

Document Full Name
**GISELA-Note-CPM01-WP1-
Crash Program-v1.3-Revision 1**

Date: 28/06/2011

RC	Resource Centre
TB	Technical Board
TC	Technical Coordinator
TL	Task Leader
TT	CLARA Transition Team
WEB	Web Editorial Board
WEM	Web Entry Manager
WP	Work Package
WPM	Work Package Manager

2. REASONS AND SCOPE OF THE CRASH PROGRAM

2.1. INITIAL REASON

The initial reason of the Crash Program has been expressed in the Deliverable D1.3: “*First Intermediate Activity Report*”.

- Diagnostics: Milestone-1 not fully reached
 - “*The actual status of the project commissioning can be assessed as being very satisfactory. On the other hand, activities directly depending upon the CLARA and NRENs partners, in particular the progress of the CLARA Transition Team work in Work Packages and of the WP5 - Network Resources Provision – activity, have not yet reached the expected level*”
 - *The CLARA Transition Team members have been appointed late in the course of the project and most of them are just starting to get involved*
 - *The internal Quarterly Report at M03 has not been submitted*
 - *The many efforts of the management have been unsuccessful until very recently”*
- The recovery plan was announced in the following terms:
 - “*Recover the slow start up of CLARA and NRENs to reach the milestones set in the DoW, according to the modified schedule below (modifications are marked in red):*”
 - *Evolution over the first year:*
 - *Within the first (6) 9 months of GISELA, the CLARA Transition Team will become acquainted with all GISELA WPs*
 - *Assessments of results: The progress to arrive at THE sustainability solution largely depends on the future fruitful Collaboration of NRENs and on Institutions accepting to fund it*
 - *Internal Quarterly Reports (M09, M12, etc.) of the CLARA Transition Team will allow the GISELA Management to monitor the progress of its competence in e-Infrastructures services”*

2.2. EXTENSION TO THE WORK PACKAGES

Soon after the submission of D1.3, the management decided to extend the Crash Program to all Work Packages activities.

3. METHODOLOGY

3.1. WEEKLY MEETINGS

During the 1st phase (24/02 - 30/03), a series of weekly, iterative, plenary TB meetings were held. They addressed the CLARA TT and the WPs. They aimed at:

- Identifying failures, weak achievements over the 1st half year;
- Analysing the reasons (lacking effort, insufficient competence, poor communication, etc.);
- Producing a first proposal of contingency plan(s) for discussion.

3.2. FACE-TO-FACE MEETING

The 2nd phase (30/03 - 01/4) consisted in a Face-to-Face Meeting (Itacuruçá - Brazil). It focused on:

- Making the final diagnostics of lack of success, failure;
- Evaluating the resulting risk assessment;
- Adopting a detailed recovery plans including:
 - Actions list;
 - Milestones to reach;
 - Manpower mobilised.

A special session on the Website status was held to take the decisions proper to overcome the update issue signalled in D1.3. It is reported in Section 5.

3.3. ATTENDANCE TO THE CRASH PROGRAM MEETINGS

The weekly meetings, the minutes of which can be found in the Document Server (<http://documents.gisela-grid.eu/collection/TB-minutes?ln=en>) and the F2F meeting were attended by the Technical Board members as well as by the members of the CLARA Transition Team (see Figure 1 and Table 1). In addition Leandro Ciuffo (RNP - Brazil), member of the External Advisory Committee (EAC), was invited to the F2F meeting.



Figure 1: Participants of the F2F Meeting in Itacuruçá (BRAZIL)

Table 1: List of attendants to the F2F Crash Program Meeting

name	institution	position	city	country
Dr. BARRIOS HERNANDEZ, Carlos Jaime	Universidad Industrial de Santander	WP6 Transition TEAM	BUCARAMANGA	COLOMBIA
Mr. BEDOYA ORTIZ, Dago Hernando	Red Nacional de Tecnología Avanzada RENATA	executive academic	Bogotá	COLOMBIA
Prof. BRASILEIRO, Francisco	Universidade Federal de Campina Grande	Associate Professor	Campina Grande, PB	BRAZIL
BRICEÑO, Ysabel	Centro Nacional de Cálculo Científico	Investigadora	Mérida	VENEZUELA
Prof. CARVALHO, Diego	CEFET/RJ		Rio de Janeiro	BRAZIL
CRUZ GUZMAN, Jesus	Universidad Nacional Autónoma de México, UNAM	Associated Profesor	Mexico City	MEXICO
Mr. DIACOVO, Ramon	UFRJ		Rio de Janeiro	BRAZIL
Mr. DIAZ, Gilberto	Universidad de Los Andes		Mérida	VENEZUELA
Dr. GAVILLET, Philippe	CERN	Physicist	Gex	FRANCE
HOEGER, Herbert	Universidad de Los Andes		Merida	VENEZUELA
Mrs. JALIFE, SALMA	CUDI	INTERNATIONAL AFFAIRS COORDINATOR	Mexico, D.F.	MEXICO
Prof. MARECHAL, Bernard	CETA-CIEMAT	GISELA Project Coordinator	Trujillo (Cáceres)	SPAIN
Mr. NUNEZ, Luis	CLARA		Bucaramanga	COLOMBIA
TREJO, Luis	ITESM		Mexico DF	MEXICO

Leandro Ciuffo, EAC Member, attended the meeting on the invitation of the Management.

4. DIAGNOSTICS, CURRENT SITUATION, ACTION PLAN, MILESTONES AND MANPOWER

4.1. CLARA TRANSITION TEAM IN WP1

- **Diagnostics at M06**
 - D1.3: *“Activities directly depending upon the CLARA and NRENs partners, in particular the progress of the CLARA Transition Team work in Work Packages and of the WP5 - Network Resources Provision - activity, have not yet reached the expected level”*
 - The CLARA Transition Team members have been appointed late in the course of the project and most of them are just starting to get involved;
 - No progress was observed on the preparation of the CLARA Business plan and sustainability model based on the Life Cycle Product Management (LCPM)
- **Risk analysis**
 - D1.3: *“As this could endanger the long-term sustainability of the e-Infrastructure, it has become the major concern of the management which is setting up a so-called “Crash Program” to recover from this unsatisfactory situation over the second half-year of the project.”*
- **Current Situation**
 - Rafael Puleo (CLARA Marketing Manager) started to lead the process of long-term sustainability by steering a business plan for proposing Grid as a new service to CLARA. He has contributed the meeting with the framework version of the CLARA Business Model with entry points for the customisation to the GISELA case (ppt presentation)
- **Action plan**
 - April 2011: The Business Model will be adapted to the future CLARA Grid Services;
 - April 2011: Appropriation of the CLARA model in the GISELA context;
 - May 2011: Colombia or Panamá will host a 3-day meeting with WP managers and the CLARA TT to build the final business plan that will be implemented in M18;
 - June 2011: Luis Nuñez and Bernard Marechal will present GISELA update and subsequent commitments to the CLARA Board of Directors.
- **Manpower**
 - Rafael Puleo is committed to supervise the elaboration of the Business Plan
 - Luis Nuñez & Salma Jalife are the CLARA representatives coordinating the CLARA Transition Team participation in GISELA
- **End of Q3: Outcomes of the Action plan assigned to the CLARA Transition Team**
 - Two meetings have been held in CLARA to discuss how to adapt the Business model to CLARA and no agreement was reached. Luis Nuñez met with Rafael Puleo and no clear actions resulted since it seems that the model, related problems, issues to sort out, etc., do not align. Specifically, the costs implied by the model have not been delimited yet. In a next CLARA meeting in Managua, Gilberto Diaz will meet the

technical people from CLARA to understand the profiles required by the model and to have a first notion of these costs.

- No real progress on the appropriation of the CLARA model in the GISELA context;
- No news on the planned event: “June 2011: Luis Nuñez and Bernard Marechal will present GISELA update and subsequent commitments to the CLARA Board of Directors.”

4.2. CLARA TRANSITION TEAM IN WP2

- **Current Situation**
 - The CLARA website has been updated and is able to connect the CLARA members to the GISELA website. It is institutionalising among all NREN websites the reproduction of news, information, bulletins, etc. developed by GISELA WP2. In particular, CUDI, REUNA and RENATA have also been attentive to promptly inform, in their respective bulletins, of all GISELA activities taking place.
- **Action plan**
 - April - May 2011: all NRENs will be harmonised to provide dissemination of GISELA information, bulletins, etc.;
 - June - August 2011: WP2 together with CLARA will detect those institutions that need to be trained to achieve the same level of Grid knowledge as all the GISELA members. With this information, WP2 will schedule Tutorials (conducted by WP3 and/or WP4) or Workshops in those countries that need specific knowledge.
- **Manpower**
 - Y. Briceño (Journalist - Centro Nacional de Cálculo Científico - Universidad de Los Andes - ULA - Venezuela) is working full-time in WP2, as Deputy Work Package Manager, supported by CLARA.

4.3. CLARA TRANSITION TEAM IN WP3

- **Current Situation**
 - CLARA has raised awareness of some NREN Directors on the different activities it is performing related to the integration of regional communities and the importance to spread the information, knowledge and capacity building for those research communities that are willing to use Grid computing but do not know how to gridify their applications.
- **Action Plan**
 - April - August 2011: Together with WP3, the CLARA TT will identify 5 or 6 main areas from the list produced by GISELA of the 71 applications available. It will invite the people responsible for these areas to become the “evangelists” to promote the use of grid computing in their communities. The CLARA Applications Committee will support this activity. From the outcome, WP3 will be able to create Thematic Grid Schools.

- **Manpower**
 - Dago Hernando Bedoya Ortiz (Computing Engineer – RENATA - Colombia) is working 10% of his time in WP3, supported by RENATA;
 - Diego Rincon Yanez (Computing Engineer – RENATA - Colombia) will work 25% of his time in WP3 on training, dissemination and technical support for Grid services, supported by RENATA.

4.4. CLARA TRANSITION TEAM IN WP4

- **Current Situation**
 - Mexico has started to integrate its GOC and the Mexican JRU is fine tuning its Resource Centres;
 - Colombia has launched its National Grid Initiative.
- **Action plan**
 - April - August 2011: Colombia, Mexico and possibly Argentina will consolidate their GOC and fine tune their Resource Centres;
 - CLARA is organising two workshops with Universities / NRENs technical staff, one in Guatemala (tentatively on June) and other one in Honduras (tentatively on July). These will be two opportunities to discuss with the technical people from the NRENs, how to adapt their networks to support grid services.
- **Manpower**
 - Jesús Cruz Guzmán (Associate professor UNAM - Mexico) will work 25% of his time in WP4, supported by UNAM.
- **End of Q3 status:**
 - “April - August 2011: Colombia, Mexico and possibly Argentina will consolidate their GOC and fine tune their Resource Centres”.
Situation on May 2011:
Argentina: Unresponsiveness issues have made unviable to establish a GOC in that country so far.
Colombia: 10 Resource Centres are ready for the National VO integration and not in GISELA. WP4 will work together with the Colombian NGI to try and make these resources available to the GISELA community, hopefully also contributing to increase the user pool in the supported VRCs.
Mexico: Resource Centres being deployed and GOC services being established.
 - “The newly appointed CLARA TT representative in WP4 will take the responsibility of the future training of CLARA & NRENs System Administrators. For this purpose and with the support of the WP4 management, he will organise meetings within the CLARA & NREN community to:
 - Identify the needs at the NGI / LGI levels;
 - Define a roadmap for the next quarterly report (May 2011).”

Situation on May 2011: No WP4 support requested so far; NREN training program in elaboration; dissemination yet to begin.

4.5. CLARA TRANSITION TEAM IN WP5

- **Current Situation**
 - WP5 activities could eventually start at M07.
- **Action Plan**
 - Baseline Network Operation and Monitoring (perfSONAR) and consolidation of the Network Support Centre (NSC);
 - August 2011: To install 4 PerfSONAR Measurement Points (MP) in 4 RCs (Brazil, Mexico, Colombia and Venezuela);
 - September - November 2011 (tentatively): 3 MPs in Argentina, Chile and Panamá;
 - December 2011- February 2012 (tentatively): 2 MPs in Ecuador and Peru.
- **Manpower**
 - Gilberto Diaz (Computer scientist from the Centro Nacional de Cálculo Científico Universidad de Los Andes - ULA) has become the WP5 Manager. He will work full time, supported by CLARA;
 - Leandro Ciuffo (Computer scientist from RNP) will support WP5, on a voluntary basis, as Deputy Work Package Manager;
 - Sandra Jaque, from REUNA, responsible for the CLARA NOC, will be helping WP5.

4.6. CLARA TRANSITION TEAM IN WP6

- **Current Situation**
 - CLARA views the long-term sustainability of this package with the creation of a Latin American Grid Community forum that will serve as a marketplace for grid researchers and users of grid technologies; the seed for this forum can be part of a proposal to be submitted to the COMCLARA 2011 call.
- **Action plan**
 - April 15, 2011: Presentation of the proposal to COMCLARA for the creation of the Grid Community. Implement the Action Plan of the Grid Community for the next year.
- **Manpower**
 - Carlos Jaime Barrios Hernandez (Computing Engineer from UIS) will dedicate about 25% of his time to WP6, being supported by UIS.

4.7. WP2: DISSEMINATION & OUTREACH

- **Diagnostics at M06**
 - The progress of WP2 is recognised as being rather satisfactory with respect to its objectives
 - More information was asked on
 - The status of the 1st bulletin;
 - The progress of the recently appointed WP2 Deputy WPM;
 - The status of the establishment of WP2 links with NRENs (contact names & tasks);
 - The improvement of the WP2 manpower.
- **Risk analysis**
 - No major risk could be feared to be met from the above diagnostics
- **Current situation**
 - The GISELA bulletin has been released in English and Spanish. A Web version is also available;
 - Y. Briceño (WP2 DPM) is quickly getting into full speed;
 - Improvement of the WP2 manpower: Monica (REUNA) is likely to provide help. Maria José López Pourailly (CLARA, former EELA-2 collaborator) is helping to spread GISELA info on the Network lists.
- **Action plan**
 - WP2 links with Partners should be consolidated
 - Partners (in particular) should contribute to the:
 - Local dissemination of GISELA objectives and outcomes;
 - Recruitment of local VRCs under WP3 supervision.
 - The first measurable WP2 results on above actions will be reported in the next quarterly report (end of May 2011);
 - WP2 has been assigned the task of caring of the menu “Publications” of the GISELA Website.
- **Manpower**
 - New from TT: Ysabel Briceño, supported by CLARA, full-time WP2 DWPM;
 - Foreseen WP2 PMs should be requested from Partners.
- **End of Q3 WP2 Status Report**
 - The 1st *GISELA Bulletin* was released in PDF and Web versions, in Spanish and English
 - WEB version link: <http://www.cecalc.ula.ve/gisela/>
 - PDF version link: <http://documents.gisela-grid.eu/record/146/files/>
 - The Web version of the GISELA Bulletin is constantly being updated, with 13 Press Releases up to now, being the last one “*Grid for Bioinformatics: faster*”

and more efficient” written in Spanish and English and distributed among the lists in order to attract potential customers to the GISELA e-Infrastructure:
<http://www.cecalc.ula.ve/gisela/?p=292>

- A *Flyer*, in Spanish and English, was created with the “*10 Good Reasons to Become a GISELA User*””: <http://documents.gisela-grid.eu/record/150/files/>
- A *Poster*, also with the “*10 Good Reasons to Become a GISELA User*”, in Spanish and English, was produced: <http://documents.gisela-grid.eu/record/149/files/>
- About every month, a *Resumen Informativo*, a short summary of recent news in Spanish, will be emitted. The first one was released in May: <http://documents.gisela-grid.eu/record/184?ln=en>
- In the Web site:
 - The *Hot News* page has been updated with 10 entries added since 01/03/2011:
http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=33&Itemid=39
 - The *Outreach* page was renovated: http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=22&Itemid=27
 - The *Press Room & Citations* has 12 new entries since 01/03/2011: http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=25&Itemid=29
 - The *Publicity Material* page has 3 new entries since 01/03/2011: http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=26&Itemid=30
 - A *Publication* page was created and it has 24 entries: http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=43&Itemid=41
 - The *Event* page was retouched: http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=20&Itemid=23
 - The *External Event Announcements* page was updated with 3 entries since 01/03/2011: http://www.gisela-grid.eu/index.php?option=com_content&view=article&id=31%3Aexternal-event-announcement&catid=8&Itemid=23
- By contacting communication links of national networks, an agreement was established to annex GISELA notes in CUDI’ s monthly bulletin. The May

2011 version has been released:

http://www.cudi.edu.mx/boletin/2011/05_boletin_mayo.html

- 24 tweets were posted in the @gisela_grid Twitter account:
http://twitter.com/#!/gisela_grid
- A wallpaper was created for the @gisela_grid Twitter account:
http://twitter.com/#!/gisela_grid

4.8. WP3: USER COMMUNITIES SUPPORT

- **Diagnostics at M06**
 - Although the number of VRCs running on the e-Infrastructure (HEP, Life Sciences, Industry) is well within expectation and commitments, the actual e-Infrastructure load is clearly insufficient;
 - Excellent collaboration has been established with EGI on the coordination of VRC support;
 - The survey through LA Scientific groups to find potential new users was not successful. On the other hand, GISELA disposes of a portfolio of 71 Applications, mostly legacy of EELA-2;
 - There was a misunderstanding as of the relative importance / priority of getting on board “large VRCs” (with important non-LA participation) and smaller / newer LA User Communities, as from CLARA;
 - Due to the late appointment of the CLARA TT representative in WP3, the coordination of VRC recruitment from CLARA communities could not be well coordinated between the WP3 management and CLARA & NRENs;
 - The training of new communities with possibly specific requirements is to be better worked out;
 - The actual availability of the manpower allocated to WP3 is lower than expected.
- **Risk analysis**
 - The low use of the e-Infrastructure i.e. the lack of VRCs (with LA participation) running in production mode is clearly endangering the actual goal of GISELA to promote Grid computing in Latin America;
 - The rather low number of new LA users (e.g. from CLARA & NRENs communities) presents a risk for the foreseen handover of the e-Infrastructure operation and VRC support to CLARA and NRENs.
- **Action plan**
 - The strategy of VRC support has been precisely defined:
 - Priority is given to ensure full load of the e-Infrastructure. As the “large VRCs” are more likely to contribute, special effort will be put on getting them on board. The ongoing collaboration with EGI and in particular the forthcoming EGI User Forum (Vilnius) should be used to prospect these VRCs
 - End of Q3 update:: special attention was given to Life Sciences and Earth Sciences VRCs during the EGI-UF and ICTP conference. So:

- New LA sites got integrated into the W-eNMR VO;
 - New LA users got support on using the W-eNMR VO;
 - LA Earth Science users were contacted to interact with corresponding EU teams;
 - New LA Earth Science users got support on using the Prod VO.
- In parallel (and not concurrently):
 - *CLARA and NRENs with develop an aggressive promotion of the use of Grid computing in their communities. This will be achieved by WP2 by means of its NREN contribution. Tight coordination will be established with the CLARA Service Management and WP3 through the TT person (Dago Hernando Bedoya Ortiz);*
 - *End of Q3 update: nothing was reported by the CLARA TT representative;*
 - *Applications from the EELA-2 Application portfolio will be pushed to run more production batches.*
 - *End of Q3 update: All EELA-2 Application developers were contacted;*
 - It is expected that more of the new LA-based VRCs will contribute to fully load the e-Infrastructure.
 - *End of Q3 update: new LA Life Science users asked for WP3 support (Brazil, Colombia and Uruguay). Their activity will increase the infrastructure use;*
 - *End of Q3 update II: new Physics and Cosmology users started to run their applications on the GISELA infrastructure.*
 -
 - The training strategy has been clarified to consist of:
 - Tutorial & Training sessions for LA newcomers to be essentially supported by the existing LA pool of trainers built by EELA and EELA-2. This will be organised by WP2 under the supervision of WP3 and possibly with the support of EC-funded projects such as EPIKH and CHAIN;
 - Tutorials tailored to VRCs will be worked out on demand according to the VRC requests and the WP3 manpower.
 - The first measurable results from both the VRC and Training strategic decisions will be reported in the next quarterly report (end of May 2011)
 - *End of Q3 update: The number of proxies issued by the VOMS server shows that the previous Grid Schools didn't contribute to increase the use of the infrastructure. WP3 suggests to only devoting resources to this kind of training if one can find a clear sign of measurable outcome.*
- **Manpower**
 - New from TT: Dago Hernando Bedoya Ortiz supported by RENATA, 10% of his time, WP3 DWPM

- Diego Rincon Yanez (engineer RENATA) will work 25% of his time in WP3 on training, dissemination and technical support for Grid services
- The overall WP3 manpower availability should be clarified with respect to the important allocation of 299 PMs (DoW). A precise breakdown should be done as of:
 - The number of PMs actually working in each partner institution on GISELA (e.g. on Applications deployment and production)
 - The number of PMs actually working in the management & coordination of WP3 tasks

4.9. WP4: NGI / LGI INFRASTRUCTURE SERVICES

- **Diagnostics at M06 (from D1.3)**
 - WP4 has integrated about 1500 CPUs (among which 400 running the OurGrid middleware) into the GISELA Infrastructure. Most of the responsive Resource Centres are either in the process of hardware acquisition or already deploying the middleware;
 - All VO and IGALC Operation Services are available;
 - About 1,200,000 CPU*hours have been supplied to all VOs by 14 RCs
 - Unresponsiveness of about 60% of RC Administrators to integrate their RCs
 - Milestone MS2 – “Assessment of the GISELA e-infrastructure set up” could not be reached entirely;
 - Due to the late appointment of the WP4 TT representative in WP4, the training scheme for the future CLARA & NRENs System Administrators could not be elaborated.
 - The coordination of middleware support, gLite by WP4, and OurGrid & DIRAC by WP6, was not sufficiently effective.
- **Risk analysis**
 - The unresponsiveness of RC Administrators to integrate their RCs may impact on the success threshold “2000 cores integrated by September 2011” and thus limit the computing power of the e-Infrastructure
- **Current situation**
 - An Infrastructure Provider MoU has been signed with EGI.eu It opens outstanding perspectives for the sustainable operation of the e-Infrastructure. As a first outcome, it grants GISELA access to the customised EGI ticket system, thus fixing the MS2 Milestone issue.
 - The WP4 management is already working out the precise scenario of the handover of the e-Infrastructure operation from M15 onwards, with emphasis on the CLARA & NRENs involvement.
- **Action plan**
 - The resolution of the unresponsiveness of Partners to integrate their RCs will be escalated at the GISELA Management level (WP1) for direct contact with each partner;

- The newly appointed CLARA TT representative in WP4 will take the responsibility of the future training of CLARA & NRENs System Administrators. For this purpose and with the support of the WP4 management, he will organise meetings within the CLARA & NREN community to:
 - Identify the needs at the NGI / LGI levels;
 - Define a roadmap for the next quarterly report (May 2011).
- The lack of interaction between WP4, WP6 on the OurGrid, DIRAC middleware support is being solved by the concerned WPMs.
- **Manpower**
 - New from TT: Jesús Cruz Guzman, supported by UNAM (25% of his time), WP4 DWPM;
 - Recommendation from the GISELA Project Coordinator: CLARA should consider right now the hiring of e-Infrastructure expert people, e.g. from the current GISELA - UFRJ Team (skilled persons available).
- **End of Q3 WP4 Status Report**
 - “The resolution of the unresponsiveness of Partners to integrate their RCs will be escalated at the GISELA Management level (WP1) for direct contact with each partner”:
On April 4th 2011, WP4 forwarded the list of unresponsive partners to the TB, while still periodically trying to get responses from them directly. The most recent tentative (May 25th, 2011) also involved the partner representatives, since there are still some RCs with no technical contact provided. Unfortunately, the situation is exactly the same as in April 1st 2011.
 - “The lack of interaction between WP4, WP6 on the OurGrid, DIRAC middleware support is being solved by the concerned WPMs.”
The IGALC website has been improved after some email negotiations between WP4 and WP6. It now contains a more comprehensive description of gLite and OurGrid, as well as a comparison of the most important aspects. This should help new site administrators to choose the one that better suits the institution needs.

4.10. WP5: NETWORK RESOURCE PROVISION

- **Diagnostics at M06 (from D1.3)**
 - *An organisational problem was encountered that prevented WP5 to start its foreseen activities as anticipated. The integration of CLARA and NRENs experts to the Distributed Computing Infrastructures nature of GISELA has been longer than foreseen.*
- **Risk analysis**
 - The absence of CLARA, essential contributor of WP5, represented a real risk for the safe continuation of the project
- **Current situation**
 - The proper recovery actions have been undertaken. They consist of:

- The establishment of a coordinated structure of collaboration between the CLARA Network Manager and all the NREN NOC managers with the CLARA Network Manager as supervisor;
- The translation of the foreseen work program into a precise, realistic roadmap by the new WP5 management. It focuses on all aspects of
 - The consolidation of the Network Supervision Centre (NSC);
 - The network monitoring in the framework of the PerfSONAR platform (already developed in EELA and EELA-2)
- **Action plan**
 - All steps to get activities started are being taken:
 - RNP is helping in extending the deployment of PerfSONAR;
 - Measurement Points (MPs) are being installed;
 - MonEELA will be re-activated;
 - Link with PerfSONAR developers (e.g. Dante) is established;
 - The central Website, host of the NSC, is under construction;
 - The first measurable WP5 results will be reported in the next quarterly report (end of May 2011).
- **Manpower**
 - New from TT: Gilberto Diaz, fully supported by CLARA, WP5 WPM;
 - Leandro Ciuffo (Computer scientist from RNP, former EELA-2 NA3 - User Support - Manager) will support WP5, on a voluntary basis, as DWPM;
 - Technical Staff representatives of NRENs are being involved in WP5 activities.

- **End of Q3 status**

- **CLARA-WP5 joint activities**

After the meeting held on 15th of April, between the manager of the NOC of CLARA (Claudia Inostroza) and WP5 team, an initial structure of coordinated activities have been established:

- The NOC of RedCLARA will incorporate, into its monitoring platform, all the measurement points installed in the Resource Centres of the GISELA project.
- The NOC of RedCLARA has offered its ticket management system to:
 - Report network problems
 - Manage network provisioning requests
 - Follow up all the tickets.

To start these activities, CLARA's NOC has requested an **operating manual** that describes all the procedures to manage them. The actions that this manual has to consider are:

- **Resource Centre Integration:** This procedure shows the different steps to incorporate a RC to the monitoring platform.
- **Issue Creation:** The list of all the steps that a system administrator must follow in order to open a ticket related to a network provisioning request or a network problem.

- **Issue Follow up:** This section describes the actions that a system administrator must execute in order to follow up an open ticket.
- **Issue close:** The procedure that must be followed to consider an issue solved.

This operating manual is under development and must be presented to the Technical Board for an initial revision in the second week of June.

A list of system administrators has been requested also by CLARA's NOC, in order to incorporate them as responsible of the measurement point of each Resource Centre, into the ticket management system.

On the other hand, redCLARA measurement working group (GT Mediciones) has finished its operational period, but CLARA is re-submitting a call for proposal for funding and should resume activities soon. In this sense, WP5 team has contacted Professor José Augusto Suruagy, leader of one of the participants groups, in order to work in advance in the deployment of the monitoring platform. These joint efforts will be on testing MDM software release and should be interacting closely to GISELA.

All these activities are considered the beginning of the NSC consolidation.

DANTE-WP5 joint activities

WP5 team has celebrated two meetings with DANTE personnel in order to get some advices about the new features of the DANTE middleware and hardware requirements for each component. During the last meeting held on 24th of May, WP5 took the responsibility to investigate the available hardware sites can provide for the initial deployment phase on the 3 or 4 selected sites.

In this sense, WP5 has contacted the following Resource Centres as the first group to set up the platform.

Institution	Responsible Name	Status
Universidad Politécnica de Panamá	Salvador Salado	Installing
Universidad de Los Andes – Venezuela	Gilberto Díaz	Installed
Universidad Industrial de Santander	Carlos Varela	Will start the installation first week of June

The following sites will be contacted for incorporation in the initial phase.

Institution	Responsible Name	Status
Universidade Federal do Rio de Janeiro	-	To be contacted
Universidad Nacional Autónoma de México	-	To be contacted

In terms of metrics, the immediate need is to install HADES and BWCTL components, which provide tests on demand and historical statistics. After this initial phase, the complete set of tools will be installed.

4.11. WP6: INFRASTRUCTURE AND APPLICATION-ORIENTED SERVICES FOR USER COMMUNITIES

- **Diagnostics at M06**
 - WP6 progress is well on track with its objectives. On the other hand:
 - No clear understanding of the necessity of handing over to CLARA the activities of the work package;
 - Budget limitation might affect development and part of the support work at UFCG, since only unfunded work is currently being performed;
 - Lack of synergy with other WPs to disseminate the use and deployment of WP6 services. This addresses the dissemination of the OurGrid and DIRAC middlewares;
 - No clear understanding if changes on the infrastructure (ex. gLite version used) will affect WP6 services.
- **Risk analysis**
 - None of the identified problems is potentially causing any major risk to the project.
- **Current situation**
 - Regarding the interaction with CLARA, the collaboration with the newly appointed CLARA TT person is improving and a document concerning the WP6 activities during GISELA, and more important after GISELA, is being completed.
- **Action plan**
 - The above mentioned document is proposing to build a forum or website where all the research in Grid computing in LA will be concentrated. Some interaction with other similar initiatives, such as from the COMCLARA2011 call, will be attempted;
 - The WPM will send a proposal to the Technical Board on how to better integrate the WP6 outcomes in WP3 and WP4. In practice, the WP3 and WP4 Website pages will include the suited information on:
 - The deployment and use of the OurGrid and DIRAC middlewares;
 - The other Services produced and supported by WP6.
 - The adaptation of WP6 services possibly induced by the gLite evolution is a matter of WP4 <-> WP6 interaction.
 - The current support of UFCG WP6 people is being reviewed.
- **Manpower**
 - Carlos Jaime Barrios Hernandez, (25% of his time) fully supported by UIS;

- **End of Q3 status**

Planned activities for the period and their corresponding status

Regarding WP6 activities foreseen in the DoW, the main achievements since the last reporting period are:

- INFN team has started to investigate the SAGA API to ease the submission of gLite jobs. This API is going to be used to develop a scientific gateway for the Industrial Applications

based on Liferay (see www.liferay.com). This is being developed in close synergy with WP3.

- The UNIANDES team continues the work on the virtual cluster service. A tree distribution based on TCP has been implemented and reported in a paper that is going to be submitted in a forthcoming conference.
- The CNRS team is mostly involved in supporting users that want to use the DIRAC middleware. In particular, they are studying how they can support one Colombian application (<http://clo1v1.mylims.org/>). The team has also worked on improving DIRAC documentation.
- The UFCG team has been mostly concentrated on developing the new services promised in the DoW. A new version of the OurGrid middleware has been released with a few bug fixes. A showcase of the BeeFS+MapReduce service is under development. The idea is to use the desktops of the Distributed Systems Lab at UFCG to provide full support to a portal for the visualization of historical climatology data available at the 20th Century Reanalysis website (http://www.esrl.noaa.gov/psd/data/20thC_Rean/). This is a reconstruction of the whole lower atmosphere for the period 1879-2008. The processing of the large amount of data available in this website can be easily structured as a MapReduce application. We expect that such a showcase portal will not only provide a useful service for people working in the climatology area, but also provide insights for other users of the underlying technology provided by GISELA.
- CLARA has identified a new application, in the climatology area - Centro de Modelado Científico de Venezuela (CMC). It is a good regional application, nowadays used in 4 centres of 3 countries. This information has already been passed to the WP3 management for appropriate follow up.

Regarding the activities foreseen in the Crash Program Report, the status is the following:

- 1) *Presentation of the proposal to COMCLARA for the creation of the Grid Community. Implement the Action Plan of the Grid Community for the next year*

The proposal was presented and approved in CLARA. Planning will start soon, after a meeting involving the 9 original members from 8 Latin American countries.

- 2) *Completion of document concerning the WP6 activities during GISELA, and more important after GISELA*

We have no substantial advances to report about this activity.

- 3) *Construction of website for the research in grid computing in LA*

We have surveyed similar initiatives to serve as starting points (e.g. <http://www.france-grilles.fr/>). We expect that the Grid Community network supported by COMCLARA can help speeding up the outcomes of this activity.

- 4) *Proposal on how to better integrate WP6 outcomes in WP3 and WP4*

This has been discussed among the involved WP managers, and some of the needed actions have been reflected in the updated pages of the GISELA website.

5) *Adaption of services of WP6 induced by gLite evolution*

This was discussed between WP4 and WP6 managers and they reached the conclusion that gLite evolution will pose no major concerns regarding WP6 activities.

6) *Solve the funding issue of UFCG staff*

In response to the request from Bernard Marechal, on April 18th 2011, Francisco Brasileiro has reported the current situation of funding for UFCG as such:

- Regarding the current funds still available (EELA-2 and GISELA)

"The EELA-2 funds received have already been spent by UFCG. In fact, we are counting on the small amount of money that is still to be received from the EELA-2 project to reimburse another project whose money has been used to keep the EELA-2 team on board during April - August 2010 and beyond that, since the funds received from GISELA so far were not enough. From the GISELA budget, UFCG has received only R\$ 10.419,57 that has already been spent. Currently, UFCG's work for GISELA is being carried out exclusively by staff that is unfunded by EC money. As I've mentioned in the CPM, this is starting to impact the outcome of UFCG's duties in GISELA.

- Regarding the list of persons that will have to be funded and salary foreseen for each one

"Antonio Rodrigues (WP4, WP6 support):	R\$ 2.850,00
Fabio Moraes (WP6 development and support):	R\$ 2.850,00
Carla Souza (WP6 development and support):	R\$ 2.850,00

This amounts for R\$ 136.800,00 for the 16 months left (May onwards), which is equivalent to approximately 60.500 euros (considering an exchange rate of 2,26367).

Taking account that there are approximately 2.500 euros to be received by UFCG from the EC budget ($7046 * 0.35$), this leads to approximately 58.000 euros deficit."

After that, UFCG has perceived no further actions towards solving this issue.

5. WEBSITE STATUS AND UPGRADE PLAN

The status of the GISELA Website has been the subject of a special session of the F2F meeting. Its relative lack of update was mentioned in D1.3 “*First Intermediate Activity Report*”. The importance of a Website for the project, its state after 6 months and the necessity to involve every WPM in its update were reviewed as described in the following sections.

5.1. WHY A GISELA WEBSITE AND FOR WHAT

- A Website is the backbone modern way to disseminate, inside and outside, the achievements of any Community. It ensures:
 - Internal communication between Activities (WPs) for better efficiency by:
 - Making awareness of ongoing work, updates;
 - Exchanging informations, methods, tools;
 - Ensuring best professional choices (policies, good practices, etc.).
 - Publication (In/Out) of results / achievements
 - Dissemination of outcomes towards various publics
 - The trace of a Project beyond its term
 - The roots of future activities / projects
- The quality of the Website gives a faithful image of a Project outcomes and style and of the dynamism, productivity, creativity of its participants
 - “No good project without a good Website”
 - A poor Website is a source of frustration / demotivation for active people
- In addition, a comprehensive Website is:
 - A personal duty to present his own work;
 - A duty with respect to collaborators sharing responsibilities in the project;
 - A must with respect to the funding agencies.

5.2. GENESIS OF THE GISELA WEBSITE

5.2.1. Website management

- EELA, EELA-2 Websites were excellent in all respects;
- GISELA: Brainstorming in July and August 2010 and 1st release by the end of August 2010;
- The “GISELA-Note-ADM03-WP1-Website Management Procedure” (<http://documents.gisela-grid.eu/record/69?ln=en>), has been produced:
 - Website Editorial Board (WEB) - see Table 2
 - Given the importance of the Website for the GISELA Project, a Website Editorial Board (WEB) has been settled with the mandate to:
 - Define the Policy and the Procedure of management of the Website;
 - Nominate a Manager for each Website Menu, with the responsibility of the well-timed and correct editing of each entry and of taking care of the content consistency with the EC Website recommendations;

- Monitor the overall Website activity.

Table 2: GISELA Website Editorial Board

Name	Position	Main Function
Bernard Maréchal	Project Coordinator	WEB Chairman
Salma Jalife Villalón	Deputy Project Coordinator	Coordination of the Spanish version
Philippe Gavillet	Deputy Project Coordinator	Overall reviewer
Herbert Hoeger	WP2 Manager	Coordination of the Spanish version
Leandro Cuffo	EAC member	Coordination of the Portuguese version
Thomas Woerly	PO Member	Technical Support

- Management of the Website contents
 - The Management of the Contents of the Website is with the so-called “Website Entry Managers” (WEM), each of them responsible for specific Entry(ies) of the site (see Table 3).
 - Role of Web Entry Managers (WEM)
 - Ensure that the necessary baseline information is present in their Entry;
 - Ensure that the content of their Entry is correct, complete and complies with the DoW, the Consortium Agreement and any Technical Board / Management Board decisions;
 - Edit in due time the content of their Entry, whenever necessary;
 - Coordinate with other WEMs, in the Technical Board framework, on Website issues of common concern.

Table 3: Menus and corresponding Web Entry Manager

Web site Entry	Web Entry Manager
Home	Project Coordinator & his Deputies
About GISELA	Project Coordinator & his Deputies
Project Activities	Work Package Managers and their Deputies
How to join / collaborate	Project Coordinator & his Deputies
Monitoring and Statistics	WP3 & WP4 Managers & Deputies
User Documentation	WP3, WP4 & WP6 Managers & Deputies
Events	WP2 Manager & Deputy
Document Server	Project Coordinator and CBTA- CIEMAT
Outreach	WP2 Manager & Deputy
Time sheets	Project Office
EELA-2 Website	Project Coordinator

5.2.2. Website structure

The structure was inspired from the EELA-2 Website but simplified as much as possible:

- ABOUT GISELA
 - Objectives / Consortium / Project Structure / Management Structure / Administration / Deliverable & Milestones / Gender Policy / NGIs & JRUs status / Job opportunities
- PROJECT ACTIVITIES
 - WP1: Administrative and Technical Management of the Project
 - WP2: Dissemination and Outreach
 - WP3: User Communities Support (*could include link to User Support Website as submenu*)
 - WP4: NGI / LGI Infrastructure Services (*could include link to Operation Website as submenu*)
 - WP5: Network Resource Provision (*could include link to Network Website as submenu*)
 - WP6: Infrastructure and Applications-oriented Services for User Communities
- HOW TO JOIN / COLLABORATE
- MONITORING & STATISTICS (*crucial: to be constructed*)
- USER DOCUMENTATION (*to be constructed from what exists*)
- EVENTS
 - GISELA Events Server

- Announcements of non-GISELA events
- DOCUMENT SERVER (*to be structured more logically*)
- OUTREACH
 - Bulletins
 - Press Room & Citations
 - Publicity Material
- TIMESHEETS
- EELA-2 WEBSITE

5.3. REVIEW OF MENUS: NEEDED UPGRADES

The various menus are reviewed below. The necessary updates are indicated in **blue**. The status by the end of Q3 is given in **pink**.

5.3.1. HOME PAGE

- Simple albeit complete Home page
- Hot news: Nice but **lacking date (month)**
- Bulletin: New, excellent
- Twitter: Looks nice
- Photos: Nice
- Contact: OK

5.3.2. ABOUT GISELA

- All necessary entries there
- Administration
 - We put all we thought useful
 - **Administrative news? (Not needed in this form)**
 -
 - Last edit: (17/12/10)
- **Gender Policy? Sub-menu created. GEAP being circulated for signature (V.Hamar)**
- **Job Opportunities? Sub-menu simplified and now populated with job announcements**

5.3.3. PROJECT ACTIVITIES

- Short, concise presentation of Work Packages...but
 - **All WP's entries (except WP6) only show the original (24/08/10) DoW text!**
 - **No way to link to WP's ongoing information / activities / results from this page!**
 - **One of the major current weaknesses!**
- **Upgrade is mandatory. Contents should include:**
 - **Link to the WP site, if it exists (with a nice introductory text for newcomer);**

- And / or link(s) to the other menu(s) where WP's activities are reported;
- Probably minimise the current DoW text and add the description of the WP Tasks and emails of management people (as in EELA-2)
- End of Q3 status: All WP's entries have been reshuffled to comply with the above recommendations. In short, they all provide a coherent view of each WP scope, of the various tasks and of the WP Team. See more detail below for each WP.

5.3.4. PROJECT ACTIVITIES (per Work Package)

5.3.4.1. WP1

- Administration: Need a text + link to the Administration entry
- Technical Coordination:
 - Some text update
 - Text to link to other menus?
- Handover of the operation of the e-Infrastructure and User support:
 - Some text update?
 - Text to link to CLARA, NRENS?
- End of Q3 status: On purpose the general text has been shortened, the tasks have been described and the WP1 Team table has been introduced.

5.3.4.2. WP2

- One paragraph should be added to link to Events and its content;
- One paragraph should be added to link to Outreach and its contents;
- End of Q3 status: On purpose the general text has been shortened, the tasks have been described. Links to the Outreach, Events and Document Server menus have been provided.

5.3.4.3. WP3

- Currently:
 - DoW text only!
 - But in USER DOCUMENTATION: link to the User Starting Guide (adaptation of EELA-2 NA3 Application Support site).
- Suggestion:
 - Minimise the DoW text and add a description of Tasks and emails of WP3 management people (as in EELA-2);
 - Proper WP3 site (based on NA3 site) is a cost effective solution;
 - But it should be fully updated / adapted;
 - It should be linked to PROJECT ACTIVITIES - WP3: User Communities Support.

- End of Q3 status: This sub-menu has been reshuffled to resemble the others. The general text has been shortened, the tasks have been described and the WP3 Team table has been introduced. Link to the Application Support Centre has been provided.

5.3.4.4. WP4

- **Currently:**
 - DoW text only.
 - In EELA-2: Operation Centre (Status, Support, User doc).
- **Suggestion:**
 - Minimise the DoW text and add a short description of Tasks and emails of WP4 management people;
 - Adding a Proper WP4 site (based on simplified EELA-2 EOC site) could be a cost effective solution.
- End of Q3 status: This sub-menu was already consistent with the other WP's menu

5.3.4.5. WP5

- **Currently:**
 - DoW text only.
- **Suggestion:**
 - Minimise the DoW text and add a short description of WP tasks and emails of WP5 management people (as in EELA-2);
 - Build a nice page for CLARA + NRENs:
 - (Short) presentation of entities (with links);
 - Describe interests in GISELA;
 - Present the TT (Tasks, people).
- End of Q3 status: This sub-menu has been populated and is now fully compatible with the other WP's menus.

5.3.4.6. WP6

- **Currently:**
 - Most advanced WP page;
 - Present a series of options and text for the 1st 2 options + a breakdown of the following options;
 - It is rather complete but not too friendly.
- **Suggestion:**
 - Short paragraph introducing the breakdown in options / sub-options
- End of Q3 status: This menu is also consistent with the other WP's menus. All necessary links have been introduced.

5.3.5. MONITORING & STATISTICS

- Showcase of WP3 & WP4 and other WPs activity;
- Is a must, at least to witness both e-infrastructure & VRC activities;
- Was painful to maintain in EELA-2 (but no need of real time plots);
- Nevertheless suggestion to continue as in EELA-2:
 - A few nice plots with comments from WPs;
 - Frequency: refresh every 2-3 months, with the refreshment date explicit;
 - Get WP2 more involved (as stuff could be used in the Bulletin).
- End of Q3 status: This menu has much progressed. WP2, WP3, WP4 and WP6 are presenting their recent results in an appealing way. WP5 should do the same in a week or so.

5.3.6. USER DOCUMENTATION

- **Currently**
 - Misleading as pointing to WP3 GISELA Application Support page
- **In EELA-2**
 - We thought that we need an entry point for newcomers willing to become new users;
 - We chose to present a User Guide, sort of introduction to Grid computing and 1st help to get started.
- **Suggestion**
 - We simply update the User Guide to cope with GISELA;
 - Or we provide, after a general introduction, texts and links to 3 types of documentation:
 - E-Infrastructure use (gLite & OurGrid)
 - VRC Support
 - News Services
- End of Q3 status: The text of this menu is left concise on purpose. All the pointers to the relevant documentation and to the support teams are given.

5.3.7. Other Menus

The last five menus: EVENTS / DOCUMENT SERVER / OUTREACH / TIMESHEETS / EELA-2 WEBSITE are fine.

5.3.8. Missing Menu(s)

A Menu PUBLICATIONS similar to the EELA-2 one will be added, as suggested by the EAC. The corresponding WEM is WP2.

End of Q3 status: This menu has been created and populated.

5.4. TIME SCALE

Several of the agreed upgrades have already been implemented. The dead line for the whole Website update has been fixed to the end of April 2011.



**CRASH PROGRAM FINAL REPORT
FOLLOW UP AT THE END OF Q3**

Document Full Name

**GISELA-Note-CPM01-WP1-
Crash Program-v1.3-Revision 1**

Date: 28/06/2011

End of Q3 status: Altogether the GISELA Website has much progressed, since the Crash Program. One can assess that basically all modifications and upgrades have been implemented.

6. CONCLUSIONS

Precise action plans with milestones have been defined. The forthcoming CLARA Transition Team quarterly report due at the end of May 2011, will review the progress of all actions concerning both the Transition Team and the Work Packages.

End of Q3 status: Much progress has been achieved in implementing the CPM recovery actions, making the Crash Program successful. In short:

- The Transition Team integration in the various Work Packages has definitively accelerated;
- WP5 has actually started its activities and should reach a good regime within a month or so;
- The GISELA Web site is now fully operational;
- Grid Services-based CLARA sustainability model: Although some progress has been obtained through CLARA - NRENs meetings, much remains to be done to reach the 1st year milestones. It deals with:
 - The completion of the elaboration of the CLARA model;
 - The definition of the Business plan to implement the model;
 - The model approval by the CLARA management and LA NRENs;
 - The appropriation of the CLARA model in the GISELA context.

This will be reported and analysed in detail at the occasion of the 1st Annual Review of the Project (September 15th, 2011).

7. ANNEXE: RECOMMENDATIONS FROM LEANDRO CIUFFO (RNP & EXTERNAL ADVISORY COMMITTEE)

Open issues in WP1 after 6 months:

Bernard Marechal (BM), Project Coordinator, presented some difficulties of communication with CLARA. The GISELA work and duties seem not well disseminated inside CLARA.

BM also commented about the lack of responsiveness from several partners and part of the management. GISELA activities seem to have a low priority inside member institutions despite the committed FTEs.

CLARA TT seems not to be working closely with its respective Work Package Manager so far. This can jeopardize the handover of responsibilities at the end of GISELA.

Advices:

According to L. Nuñez, there are no previous records of CLARA accountability in EELA or EELA-2. People at CLARA are not aware of their accountability duties in the project. Currently there is no one in charge of filling the forthcoming Forms C of CLARA. Someone from CLARA must be appointed to have this duty.

Website: to publish in the home page the latest updates (e.g. release of new bulletins, updated monitoring statistics, events etc) using some web 2.0 tool. In practice, it will be like moving the “hot news” page to the home in an automatic manner. This could also make possible the creation of a RSS feed.

To include the list of publications in the website as was done in EELA-2.

Be careful when introducing GRID to NREN (Technical) people. Based on previous experiences, they will tend to feel bored. A special effort must be made to motivate them. In addition, they must be aware that CLARA GOC will be handed over to some CLARA NREN in the near future.

In order to have the GISELA efforts recognised and supported by the Brazilian Ministry of S&T, it is advisable to have GISELA somehow associated to SINAPAD (www.lncc.br/sinapad/). RNP would likely support a formal Brazilian NGI with the participation of GISELA, OurGrid, SINAPAD, etc.

Lack of users and lack of commitment from several member institutions have not been improved since EELA-2 and must be faced as the main priority. However, I noticed divergences on which kind of user should be prioritized by GISELA:

- Will GISELA address BIG Science applications focusing in the most developed countries in LA?
- Will GISELA be used as a digital divide tool to allow research groups in less developed countries to perform computing-demand research? A focus must be defined.

WP3: to approach Eugenio Almeida from INPE as he already has a computing-demand application (SAEMC - compliant with gLite) and is looking for increasing the CPUs where his application can run.

WP3: to approach Vinod Rebelo (former EELA and EELA-2 Member) to investigate if the “OpenBio” group could make use of the GISELA infrastructure (after OpenBio selection is officially confirmed by CNPq).

Surprisingly, WP4 seems to be neglecting the support to OurGrid middleware. The communication between the OurGrid team and WP4 must be improved, as GISELA is committed to be multi-middleware based.

On the other hand, the WP6 manager asked if there is any troubleshooting ticket system working (!?!).

Most surprisingly, the CLARA TT seems to be unaware of the CLARA initiatives to support PerfSONAR deployment (e.g. the GT Mediciones group). It is advisable to profit from the work done by CLARA GT Mediciones and to evaluate the MonEELA interface developed under EELA-2 (both funded by CLARA).

WP5: to install the PerfSONAR measurement points in Resource Centres that are most likely to be kept after CLARA's handover. Documentation must be provided to the NREN that will operate GISELA's GOC/GSC.

In general, the decisions taken in the Crash Program meeting seems to be adequate to overcome the problems presented by the WP Managers.