Grant agreement no. 211714

neuGRID

A GRID-BASED e-INFRASTRUCTURE FOR DATA ARCHIVING/COMMUNICATION AND COMPUTATIONALLY INTENSIVE APPLICATIONS IN THE MEDICAL SCIENCES

Combination of Collaborative projects & Coordination and support actions

Objective INFRA-2007-1.2.2 - Deployment of e-Infrastructures for scientific communities

Deliverable reference number and title: D4.2 Dissemination report I

Due date of deliverable: January 2009 (month 12)

Actual submission date: 31st January 2009

Start date of project: February 1st 2008 **Duration:** 36 months

Organisation name of lead contractor for this deliverable: PROVINCIA LOMBARDO-VENETA - ORDINE OSPEDALIERO DI SAN GIOVANNI DI DIO FATEBENEFRATELLI

Revision: Version 1

Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)		
Dissemination Level		
PU	Public	PU
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission	
CO	Confidential, only for members of the consortium (including the Commission Services)	

Table of content

Executive summary

Deliverable 4.2 Dissemination report I outlines the dissemination activities which have been performed by the neuGRID consortium from the beginning of the project till January 2009 (month 12).
It is part of Workpackage 4 *Dissemination, exploitation, concertation and training*, specifically dedicated to lay down a focused dissemination strategy able to enhance the exploitation of the infrastructure developed in the frame of neuGRID.
For this purpose, a *Dissemination and training plan* was produced by the Consortium on October 2008, identifying the communication objectives, activities and tools for dissemination, training and distributing the work among project partners, scientific community, industrial community as well as lay media.
Based on the agreed dissemination plan, the consortium partners have performed several dissemination activities, as detailed below. These activities have reached more than 10,000 professionals.

1. Introduction

Dissemination is considered as a real success key factor of a project. It consists on a continuous activity which aims at increasing project awareness both in the scientific community and also in the other target user groups which can gain benefits from the results of neuGRID research. For this reason, the most appropriate channels to disseminate project results have been chosen and used by the Consortium to present the research work and to inform those active parties both during and after the project end.
During the first year of the project, the partners disseminated the results in different ways, according to their role in the field of research and development. Internal and external dissemination activities have been performed.
Past and future dissemination activities have been summarised in the form of a table maintained by the Coordinator as shown in Table n.1 *Dissemination activities*.

2. Methodological approach

The neuGRID project is focused on the setting up of "a grid-based e-infrastructure for data archiving/communication and computationally intensive applications in the medical sciences".
The exploitation of the developed infrastructure for the exchange of imaging and clinical data has been assured by a sharp and well focused dissemination strategy, ensuring effective collaboration both internally in the project and with communities external to it, and coordinating neuGRID with related project and activities carried out in Europe and elsewhere. The dissemination strategy has as its main objectives:

- To disseminate project results to the relevant scientific communities;
- To raise awareness at political and decision making level of the opportunities offered by neuGRID;
- To spread within research, scholar and clinical communities wide knowledge about facilities and tools supplied by the infrastructure;
- To assess the regulatory needs of pharma industry for pre-competitive research and clinical trials including clinical trial registration, agreements that should be prepared and signed by potential industry users, IPR management, and regulations for data ownership, exchange, and analysis; to define the adaptations or expansions of the present infrastructure to host industry pre-competitive research and randomized clinical trials with clinical and imaging/biological surrogates; and to define a set of activities that should be carried out to make neuGRID compliant with industry needs;

- To allow compatibility of neuGRID with related initiatives that are being carried out in North America, Japan, and Australia;
- To promote integration into neuGRID of the most popular tools for brain image analyses to carry out high performance grid computing by international researchers on own or merged datasets;
- To spread infrastructure aims and services to be exploited in the daily research and clinical practice;
- To teach potential users how to use the implemented services through the provided GUI;
- To teach research users how to take advantage by the high performance computing facilities.

There are several possible channels for disseminating information and results about neuGRID. The selection of modalities and ways varies in relation to the communication targets.
As detailed in the *Dissemination and training plan,* during the first 18 months of the project the dissemination activities have included (and will include): conferences, teleconferences, meetings, workshops, letter of intent, emails, articles, poster and the creation of the project logo and project website in order to reach the largest number of professionals and lay audience.
These events have been identified to be a powerful tool to outline the project aims and to enhance public awareness of the neuGRID efforts in Europe.
Particular attention has been devoted to the specific characteristics of the various actors and target groups identified to be the main beneficiaries of the dissemination: the activities have been targeted and customized in order to fit with their profile, demands and expectations.

One of the critical nodes where dissemination took place was the project **Advisory Board (AB)**, which is composed of representative people from the institutions and communities, with an immediate or prospective interest in the deployed e-infrastructure as its potential users. Involvement in Advisory Board has proved to be a pivotal factor in the dissemination process: endorsement of neuGRID by key persons of institutional bodies and agencies can have a high impact, as they can promote the adoption of and exploitation of neuGRID by new research project and biotech companies. Moreover, representatives of scientific societies can help finding time and environment space for training courses or promote links with scientists working in related fields.
Two main groups of immediate users, represented in the AB*,* were envisaged for neuGRID: neuroscientists and developers of algorithms for the analyses of brain images.
During the first year of the project, the Advisory Board has been established as described in the table below. Sixteen members, coming from different European and American organisations, agreed to be part of the AB. On 23rd January, a conference call involving AB members was organised. Regular conference calls are planned at the end of the second and third year.
The Advisory Board has been presented with an extensive outline of the project achievements and results of the first year, together with a brief description of future planned events and activities.

	Group	Name	Role	Affiliation	Proposed Tasks
1	**Computer scientists**	**John Ashburner**	*Statistical Parametric Mapping developer*	Functional Imaging Laboratory, Wellcome Department of Imaging Neuroscience, University College London, London, UK	Explore the possibility of integrate SPM into neuGRID
2	**Related project in Europe/U.S.**	**Maria Carrillo, Ph.D.**	*Alzheimer's Association director, medical and scientific affairs*	Alzheimer's Association Director, Medical and Scientific Relations Chicago, Illinois	Promote links of neuGRID with worldwide ADNI related initiatives
3	**Related projects in Europe**	**Bruno Dubois**	*Principal Investigator of IFRAD (French ADNI)*	Professor of Neurology, Salpetriere Hospital, Paris Director, Behavioural Unit, Salpetriere University Hospital, Paris Director of Research Unit INSERM U610, Salpetriere Hospital, Paris	Contribute data from the French ADNI into neuGRID
4	**Computer scientists**	**Alan Evans**		Director of the Montreal Consortium for Brain Imaging Research (MCBIR), Montreal Neurological Institute (MNI) at McGill University in Montreal	Provide consultancy on gridification and use of the cortical extraction pipeline into neuGRID
5	**Prospective user group**	**Massimo Filippi, MD**	*Neuroscientist in fields other than Alzheimer's ENS Subcommittee on Neuroimaging*	Director Neuroimaging Research Unit, Scientific Institute and University San Raffaele, Milan Italy; John Whitaker Professor of the American Neurological Association Adjunct Professor, Department of Neurosurgery, School of Medicine, Temple University, Philadelphia, USA Visiting Professor, School of Medicine, University of Belgrade, Serbia	Take part to user requirements session - provide feedback about the performance of neuGRID when in place
6	**Computer scientists**	**Anthony Gamst, PhD**	*Computer scientist*	Associate Professor (Statistics) Neurosciences and Biostatistics and Bioinformatics University of California, San Diego Director of Clinical Informatics, ADNI	Advice before and during the development of compatibility between LORIS and the LONI databasing system (according to AZ's judgement)
7	**Related projects in Europe**	**John Geddes, MD**	*Principal Investigator of NeuroGrid*	Professor of Epidemiological Psychiatry, Director, Oxford Clinical Trial Unit for Mental Illness (a registered UKCRC CTU); Director, Centre for Evidence-Based Mental Health Department of Psychiatry University of Oxford	Advice about architecture on specific occasions (according to TS's judgement) NeuroGrid feedback on past (similar) experiences,
8	**Related project in Europe**	**Simon Lovestone, PhD, MRCPsych**		Professor of Old Age Psychiatry, NIHR Biomedical Research Centre for Mental Health MRC Centre for Neurodegeneration Research Departments of Psychological Medicine and Neuroscience, King's College London, Institute of Psychiatry	Help to integrate the AddNeuroMed dataset into neuGRID

9	**Related projects in Europe**	**Johan Montagnat**	*NeuroLOG co-PI*	French National Center for Scientific Research (CNRS) Laboratoire d'Informatique Signaux et Systèmes de Sophia-Antipolis (I3S	Advice on compatibility issues and potential integration of other (similar) platforms, advice on gridification models, support in formulating new requirements for submission to the EGEE gLite (grid middleware) community,
10	**Neuroscientists in the Alzheimer's field**	**Philip Scheltens**	*Chairman of the Dementia Study group of the European Federation of Neurological Society*	Dept. Neurology/Alzheimer Center VU University Medical Center	Help organize training courses to EFNS neuroscientists
11	**Computer scientists**	**Stephen M. Smith**	*Developer of FSL package*	Professor of Biomedical Engineering Associate Director, Oxford University FMRIB Centre	Advice about architecture on specific occasions (according to TS's judgement), advice on appropriate integration (gridification) models and algorithms scheduling optimisation, advice on how to make the algorithms appealing enough to attract new users in the field (gluification), explore the possibility to integrate FSL routines for image analysis.
12	**Computer scientists**	**Paul Thompson**	*Developer of Cortical Pattern Mapping and Radial Mapping*	Professor of Neurology UCLA School of Medicine, Los Angeles	Explore the possibility of integrate cortical pattern and radial mapping into neuGRID
13	**Neuroscientists in the Alzheimer's field**	**Bruno Vellas**	*Principal Investigator of EADC*	University Professor, Hospital Practitioner, dept. of Geriatric Medicine, Univ. Hosp. Center, Toulouse, Purpan Faculty of Medicine, University Paul Sabatier, Toulouse, France. Research Associate Professor, Clinical Nutrition Laboratory (Aging Process Study), School of Medicine, University of New Mexico, USA.	Help organize training courses to EADC neuroscientists
14	**Neuroscientists in the Alzheimer's field**	**Gunhild Waldemar**		European Federation of Neurological Societies representatives (EFNS) Professor of Clinical Neurology (dementia research), University of Copenhagen	Help organize training courses to EFNS neuroscientists
15	**Neuroscientists in the Alzheimer's field**	**Bengt Winblad**	*Co-Principal Investigator of the EADC*	Professor of geriatric medicine and chief physician at the Karolinska University Hospital, Huddinge and the Karolinska Institutet in Stockholm Director of the Karolinska Institutet Aging Research Center (ARC), KASPAC (Karolinska Institutet Sumitomo Pharmaceutical Alzheimer Center) and the Swedish Brain Power Center of Excellence	Help organize training courses to EADC neuroscientists
16	**Political liaisons**	**Roberto Amendolia**	*P.I. of Mammogrid and Scientific Attaché, Italian Embassy in London*	Scientific Attaché, Embassy of Italy in the U.K.	Help with political liaisons at the European level and links with neuroscientific communities

Dissemination activities have been coordinated by CO1 FBF Provincia Lombardo-Veneta - Ordine ospedaliero di San Giovanni di Dio Fatebenefratelli, as leader of Workpackage 4, with the contribution of partners involved according to the work description. Contributions by the participant partners have been adequate to their competencies and field of expertise.

3. Activities performed

One of the first achievements of neuGRID was the establishment by the coordinating unit, CO1 FBF, of a **website (www.neugrid.eu)**, with a public part and a confidential one. The public part, of open access from the home page through specific tool buttons, so far includes an overview of the project, the list of partners and some contact information about each of them, the composition of the Advisory Board, the list of the projects related to neuGRID and the dissemination list regularly updated. The private one assists neuGRID internal communication, research and management activities. A document sharing application has been developed and is available, offering a useful platform to partners to share documents and files.
Particular attention has been paid to the home page. The importance of an appropriate home page design can never be stressed enough. Most of the users will decide whether they stay and navigate the site or leave it depending on this first impression. It is, therefore, something more than the starting point for the rest of the information. It also instructs the user on the "language" that applies to this particular site in terms of colours, environment and, above all, navigational features.
The home page of the neuGRID project website will reflect topics:

1. logo, identifying the project in order to attract visitor's attention;
2. the support provided by the European Commission is stressed by the legend "neuGRID has received funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n°211714"
4. Tools buttons: a specific button has been designed allowing the user to enter the reserved area. A personal password and username has been provided to each partner;
5. Additional sections provide the following information: - Section "Highlights" gives a direct links to the project leaflet and photo gallery; - Section "News" provides information on project development.

The home page as well as neuGRID website's structure and contents have been described in Deliverable 4.1 *Dissemination and training plan.*
The project website is constantly monitored and checked by CO1 FBF and P8 CFc to ensure a smooth functioning, and updated by CO1 FBF.

Among the different possibilities available to represent the project (symbol, identifier…) the Consortium agreed to produce a logo epitomizing the aspects that are addressed by neuGRID and giving to it a unique identification.
The final logo has been described in Deliverable 4.1 *Dissemination and training* plan: it shows the image of a human head surmounted by a stylized grid, representing the interaction between neuromedicine and grid-computing and, between human health and technology.
It has been used in all dissemination material distributed during scientific meeting and conferences at national, European and international level.

Figure 1. neuGRID logo

There has been an activity for spreading awareness of Consortium research and presentation of the early results of the research to scientific meetings. Dissemination activities have consisted in material (posters, papers, factsheets) which has been distributed during the project meetings and input into the private part of the neuGRID website and in publications that have appeared in scientific journals.
Several scientific national and international conferences and congresses took place in the first year of the neuGRID project. The neuGRID project was well acknowledged during these events, thanks to the participation of several project investigators as part of the Scientific Committees or as speakers. Information exchange from initiatives of **European Alzheimer's Disease Consortium (EADC)** members being carried out worldwide has been greatly facilitated by the Project Coordinator of neuGRID (Dr. G. B. Frisoni) being member of the Steering Committee of the EADC.
The table below provides an overview of the dissemination activities already performed by the Consortium at the time of submission of the present deliverable and a list of the planned ones.

Table 1 - Dissemination list

DISSEMINATION ACTIVITIES - neuGRID

N	Date	Type	Meeting title	Presentation type	Presentation title	Type of audience	Countries addressed	Size of audience	Partners	Relevance for neuGRID	Place	Presenter	Material
1	24/02/2008	Logo	logo neuGRID	Others	---	General Public	International	NA	P3 UWE + CO1 FBF	Mandatory	/	/	logo
2	03/03/2008	Letter of intent	ANTARES Project application	Others	---	Scientific community	Romania	20	CO1 FBF	Build connections with neuroscientists from newly admitted EU member countries	/	G. B. Frisoni	letter of intent
3	31/03/2008	Teleconference	WW ADNI Teleconference	Operational teleconference	---	Scientific community	International	30	CO1 FBF	Update international Alzheimer's neuroscientists on neuGRID's progress	/	G. B. Frisoni	mail minute
4	12-16/04/08	Conference	Alzheimer's Disease Neuroimaging Initiative	Invited lecture	---	North American academic neuroscientists and industry representatives	USA, Canada, and International	200	CO1 FBF	Update international Alzheimer's neuroscientists on neuGRID's progress	Chicago, Illinois (USA)	G. B. Frisoni	Slides
5	23/04/2008	Website	neuGRID website	Others	---	General Public	International	NA	CO1 FBF	Mandatory	/	/	website
6	27-29/04/08	Conference	Thessaloniki - EADC annual meeting	Invited lecture	---	Scientific community	EU	100	CO1 FBF	Update EU Alzheimer's neuroscientists on neuGRID's progress	Thessaloniki - Greece	G. B. Frisoni	Slides
7	21/05/2008	Workshop	Distributed Computing Workshop (EGEE)	Oral	---	Grid community	UK (London)	100-200	P3 UWE	Keep and create new links with the world wide grid community	London - UK	R. McClatchey	leaflet
8	04/06/2008	Meeting	IMI meeting	Oral	neuGRID: an e-Infrastructure for computational neuroscientists	Scientific community	UK (London)	30	CO1 FBF	Contact for future expansions of neuGRID	London - UK	G. B. Frisoni	minute

9	2-4/06/08	Conference	HealthGrid 2008	Workshop at scientific meeting	---	Scientific Community, Policy Makers	Europe, USA, Asia-Pacific	150 - 200	P7 HEALTHGRID P4 MAAT P3UWE	Keep and create new links with the world wide grid community	Chicago, Illinois (USA)	Y. Legré, D. Manset, A. Zijdenbos	Leaflet, Slides
10	15-19/06/08	Conference	HBM - Human Brain Mapping	Hardcopy material distribution	Informal talks	Imaging scientists	International	1000	CO1 FBF	Disseminate knowledge about neuGRID to the worldwide neuroscientific community	Melbourne, Australia	G. B. Frisoni	Leaflet
11	13-17/07/08	Conference	CINP - Collegium Internationale neuro-psychopharmacologicum	Oral	Informal talks	Pharmacologists	International	3000	CO1 FBF	Disseminate knowledge about neuGRID to the worldwide neuroscientific community	Munchen, Germany	G. B. Frisoni	Leaflet
12	lug-08	Article	"maat Gknowledge, on the Cutting Edge of Biomedical Technology"	Others	---	French presidency welcoming reception	International	NA	P4 MAAT	Promote awareness of neuGRID at the highest political level	/	D. Manset	article
13	06/09/2008	Workshop	MICCAI Grid workshop	Stand at scientific meeting	Medical image computing and computing networks	Medical imaging and genetics researchers, informatics and scientists	International	1000	P4 MAAT + P3 UWE	Medical Imaging Community	New York - USA	A. Redolfi, D. Manset	Leaflet, Slides
14	08-11/09/2008	Conference	UK e-Science 2008 All Hands Meeting	Stand at scientific meeting	Crossing Boundaries: Computational Science, E-Science and Global E-Infrastructures	Scientists, Engineers, students	UK, Europe, USA and Asia	500	P3 - UWE	neuGRID pipelines can run on any middleware through the mechanism proposed in this demonstration and poster	Edinburgh, Scotland (UK)	A. Anjum, Y.Mehmood, I.Habib, R.McClatchey, P.Bloodsworth	Poster and Demonstration
15	17-19/09/08	Conference	EADC - European Alzheimer's Disease Consortium	Oral	Informal talks	Alzheimer's scientists	Europe	150	CO1 FBF	EADC members will be privileged neuGRID users	Bruxelles	G. B. Frisoni	Leaflet
16	22-26/09/2008	Conference	Enabling Grids for E-Science (EGEE08)	Oral	Grid computing, Grid Infrastructures for Science	Grid community	International	550	P4 MAAT, CO1 FBF, P7 HealthGrid	Grid Community	Istanbul, Turkey	D. Manset, Y. Legré, C. Barattieri	Poster, Leaflet, Stand Conference booklet

17	30.09 - 06.10.2008	Workshop	Silk Board Meeting	Hardcopy material distribution	Informal talks	Scientific	Central Asia countries - Europe	50	P7 HEALTHGRID	Raise interest of Medical communities in Central Asia - General	Uzbekistan	Y. Legré	Leaflet
18	23-24/10/2008	Conference	ICT-BIO 2008	Oral	Computer Modelling and Simulation for Improving Human Health	Biomedical Community	Europe	500	P4 MAAT, CO1 FBF	Biomedical Community	Brussels	G.B.Frisoni, D. Manset	Leaflet
19	28/10/2008	Conference	DG-SANCO	Oral	Future Challenges of European Health and Consumers	Politics	Europe	600	P4 MAAT	Raise interest of Politics	Brussels	D. Manset	Leaflet
20	14/11/2008	Workshop	5th call for proposals under the e-Infrastructures topic of the FP7 "Capacities" Specific Programme	---	Informal talks	EU grid infrastructure experts, EC officers	Europe	50	CO1 FBF	Preparation of application for international cooperation	Bruxelles	G. B. Frisoni, C. Barattieri	Leaflet
21	24/11/2008	Preparatory Meeting	Preparatory meeting for PharmaCOG IMI proposal submission	Oral	Presentation of WP5 on clinical studies	Neuroscientists, Pharma companies	Europe	50	CO1 FBF	Potential user community	London - UK	G. B. Frisoni, A. Redolfi	Leaflet
22	24/11/2008	Conference	Grid Framework Project for Life Sciences in Auvergne Region	Hardcopy material distribution	Informal talks	Scientific/ Political	France	150	P7 HG	dissemination of neuGRID / potential collaborations	Clermont-Ferrand France	Y. Legré	Leaflet
23	25-26/11/2008	Scientific conference	ICT 2008 - Communication technologies at European level	Hardcopy material distribution	Informal talks	Scientific/ Political	Europe	4500	CO1 FBF, P4 MAAT, P7HEALTHGRID	dissemination of neuGRID / potential collaborations	Lyon, France	G.B. Frisoni, C. Barattieri, D. Manset, Y. Legré	Leaflet
24	29.11 - 5.12.208	Scientific conference	International Symposium on Health disparities - RCMI workshop	Hardcopy material distribution	Informal talks	Scientific/ Political	USA - World	350	P7 HG	dissemination of neuGRID / potential collaborations	Hawaii	Y. Legré	Leaflet
25	9-13/12/2008	Scientific conference	EUAsiaGrid All Hands meeting	Hardcopy material distribution	Informal talks	Scientific	Europe - Asia Pacific	50	P7 HG	dissemination of neuGRID / potential collaborations	Taipei Taiwan	Y. Legré	Leaflet

26	18-19/12/2008	Scientific conference	6th International Workshop on Frontiers of Information Technology - FIT 2008	Oral	Pervasive cloud computing: An Infrastructure for ubiquitous e-Science	Information/communication technologist	Pakistan, China, India, Sweden, UK, Austria, USA	500	P3 UWE	Presentation of a Grid-based infrastructure within a medical research context	Pearl Continental Hotel, Bhurban, Pakistan	A. Anjum	Slides
27	16/01/2009	Preparatory Meeting	GRISU' - Grid Sud steering committee meeting	Oral	neuGRID: an e-Infrastructure for computational neuroscientists	Grid managers in Southern Italy	Italy	20	CO1 FBF	Potential extension of neuGRID to southern Italy	Cagliari, Italy	G. B. Frisoni	Slides
28	21/01/2009	Scientific conference	Health Grids, Progress and Challenges	Invited lecture	Developments in HealthGrid technologies.	Mixed IT experts and clinicians.	Canada and Europe.	50	P3 UWE	Presentation of a Grid-based infrastructure within a medical research context	Lawson Health Institute, University of Western Ontario, London, Ontario, Canada	Richard McClatchey	Slides
29	23/01/2009	Operational Teleconference	First neuGRID teleconference with Advisory Board	Oral	Update on neuGRID activities at month 12	Advisory Board members	Europe, USA	8	All partners	Receive feedback from world experts about year 1 performance	NA	G. B. Frisoni, R. Mc Clatchey, A. Zijdenbos, D. Manset	Slides
30	26/01/2009	Preparatory Meeting	AddNeuroMed - neuGRID cooperation	Oral	neuGRID: an e-Infrastructure for computational neuroscientists	Neuroscientists, Pharma, Funding agencies	Europe, USA	80	CO1 FBF	AddNeuroMed is key partner	London - UK	G. B. Frisoni	Slides
31	28/01/2009	email	Contribute to the BELIEF Digital Library	Others	---	Scientific/ Political	Europe, International	NA	CO1 FBF	---	---	G. B. Frisoni	Leaflet, deliverables, facts sheet, logo

The international HealthGrid 2008 Conference (Chicago, June 2nd-4th 2008) can be considered as one of the major events of this first year, for the size of audience who attended the meeting (about 200 people) and the number of countries to which the conference was addressed (Europe, USA, and Asia-Pacific). This event was identified to be a good opportunity to compare international experiences in the field of User's requirements, data integration and archiving in healthgrids; to trigger discussions in Europe and in the US toward the convergence and identification of sustainable means to crystallize research results and to improve their successful adoption in industry; and to foster the creation of technological bridges by establishing cross-continent cooperation, ultimately resulting in bilateral innovation exchanges.
The following topics were indentified: 1) Identifying ways forward for the convergence towards a community healthgrid platform and infrastructure. 2) Security and privacy in healthgrids, Common practices in international projects. Emergence of a healthgrid global regulation. 3) Medical data integration and exploitation in grids. 4) European and American Technologies and their Integration/gridification.
During this event, more than 100 project leaflets about neuGRID programme and objectives were distributed to the participants. Yannick Legré and Tony Solomonides from P7 HEALTHGRID were in charge of the organisation of the Conference.
Also P4 MAAT took an important role in this event, by organising the "Building Bridges in Healthgrids" workshop. During this event, it networked neuGRID with other major initiatives in the community such as the European FP6 funded Health-e-Child project and the NIH funded Cancer Biomedical Informatics Grid (caBIG) project in the US. It also introduced the project attending technical members to Pr. Ian Foster and team from Argonne National Laboratory (ANL), Children's Oncology Grid (COG) project and Dr. Ilias Iakovidis, Deputy Head of ICT for Health Unit at the European Commission, whom was invited to give the opening speech.

Regular contact with the **ADNI (Alzheimer's Disease Neuroimaging Initiative) consortia** have been assured by CO1 FBF, to update international Alzheimer's neuroscientists on neuGRID's progress, collect information and discuss about strategic sustainability of neuGRID within the Alzheimer's imaging community.
Dr. Frisoni (CO1 FBF) mentioned the objectives of the neuGRID project during the **ADNI Spring Steering Committee Meeting** which was held in Chicago on April 14th, 2008, and participated to the monthly worldwide ADNI teleconferences.
Presentations focusing on the nature and programme of neuGRID have been made by CO1 FBF during the **EADC annual meeting** (Thessaloniki, April, 27th-29th 2008). Updates of own and related activities world wide have been disseminated among consortium partners.
CO1 FBF also took part to the neurological meetings of the **American Association of Neurology** and the **World Association of Neurology** to collect information about non-ADNI projects on non-Alzheimer diseases in the neuroscience field in North America and elsewhere.

Other major event has been the **Enabling Grids for E-Science conference** (EGEE08) which took part in Turkey from September 22nd to September 26th 2008. About 550 participants coming from all over the world attended this meeting. The audience included computer scientists, grid experts and algorithm developers. neuGRID was present. In view of this event, a demonstration of neuGRID's technical achievements was developed by P4 MAAT.

The **All Hands Meeting (AHM 2008)** which was held in Edinburgh on September, 8th-11th 2008, too, was an opportunity to shown to an audience manly composed by Scientists, Engineers and students neuGRID prototypes and service design ideas (P3 UWE).

In July 2008 P4 MAAT produced a one page description of its activity in Biomedical research, which was published in the European Parliament magazine.

During the first year, negotiations have been engaged with the infrastructure hosting the so far largest image repository of medical images for the study of Alzheimer's disease (LoNI at UCLA). As far as allowed by available resources, the development of neuGRID has been arranged for it to have some degree of interoperability with CBRAIN. An initial step to interoperability with the LoNI infrastructure has been taken by including LoNI's workflow management system as neuGRID's GUI. An application for a support action is being prepared under "INFRA-2009-3.3: Studies, conferences and coordination actions supporting policy development in the context of international cooperation for e-Infrastructures" to start discussion on the development of interoperability among the three EU, US, and Canadian infrastructures.

Communication and exchange of information among partners have been ensured during this first year of the project by electronic e-mail and teleconferences (by Skype or by traditional means).
The complete list of teleconferences and the pertinent minutes can be accessed at www.neugrid.eu/reserved area/teleconferences.
On January 23rd 2009, a Conference call involving members of the Advisory Board was organised and attended by most of neuGRID participants. During the TC, a set of slides to present project's objectives, activities, users, portal and agenda was available to all participants.

4. Conclusions

neuGRID is a concrete implementation of a new model of shared use of computing and data resources across diverse technological, administrative and national domains. The current developments are creating the expectation that the underlying technologies are maturing quickly enough to support the emergence of this deployed e-Infrastructure which is expected to offer to scientists and clinicians means never available before, both in terms of available knowledge base and computing capabilities.
The dissemination activities which have been described in this report have been conceived and performed with the aim to spread these concepts in research, clinics and scholar environment.
At this point (month 12), several dissemination activities have been performed by the Consortium.
The success of these activities will be measured through the adoption of the e-Infrastructure by current and future multicentre project on Alzheimer's or other neurodegenerative diseases and the increasing number of users accessing the infrastructure for their daily work.