



DISSEMINATION ROADMAP (REVISION)

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Abstract:

Education, Training, Dissemination and Outreach are key areas for BalticGrid. Efforts to attract interest and participation of researchers from different scientific disciplines and academia of the Baltic States region in using BalticGrid should be continued during the last year of the Project life. The Project must retain good public visibility supported by recognizable style and identity as well as further support potential users (especially application developers) by organizing advanced training and seminars to achieve its goals.

The document revises and provides extended descriptions of all the plans of NA2 activities for last 12 months of the Project life (P19-P30). It also shortly summarizes the activities performed during the P13-P18 period.





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LIST OF ACRONYMS

AHM	All-Hands Meeting
ALs	Activity Leaders
BG	BalticGrid
CERN	The European Organization for Nuclear Research, Geneva, Switzerland
GGF	Global Grid Forum
EEnet	Estonian Educational and Research Network, Tartu, Estonia
EGEE	Enabling Grids for E-science
ETDO	Education, Training, Dissemination and Outreach (NA2)
HEP	High-Energy Physics
ICEAGE	International Collaboration to Extend and Advance Grid Education
IMCS UL	Institute of Mathematics and Computer Science, University of Latvia, Riga, Latvia
IFJAN	Instytut Fizyki Jadrowej, im. Henryka Niewodniczanskigo, PAN, Kraków, Poland
ISSeG	Integrated Site Security for Grids
IST	Information Society Technologies
ITPA	Vilnius University Institute of Theoretical Physics and Astronomy, Lithuania
JRA1	Joint Research Activity
KTH	Kungliga Tekniska Högskolan, Stockholm, Sweden
NAx	Networking Activity
NICPB	Keemilise ja Bioloogilise Füüsika Instituut, Tallinn, Estonia
PD	Project Director
PMB	Project Management Board
PSNC	Poznan Supercomputing and Networking Center, Poznan, Poland
RTU	Riga Technical University, Riga, Latvia
SAX	Specific Service Activities
VU	Vilnius University, Vilnius, Lithuania



REFERENCES

- [ROADMAP] BalticGrid DNA2.3 deliverable: Dissemination Roadmap
http://www.balticgrid.org/Results/Deliverables_final/BG-DNA2.3-v0.5-IFJAN-DisseminationRoadmap.pdf
- [REPORT] BalticGrid DNA2.4 deliverable: Dissemination Report
http://www.balticgrid.org/Results/Deliverables_final/BG-DNA2.4-v0.5-IFJAN-DisseminationReport.pdf



1. INTRODUCTION

1.1. PURPOSE OF THE DOCUMENT

The objective of the Dissemination Roadmap (Revision) is to identify and plan in more detail the activities of the NA2 which comprise Education, Training, Dissemination and Outreach for the last 12 months of the Project. These activities will be performed in order to promote technical and scientific results of the Project and ensure the widest use of knowledge derived from the Project. The plan - aimed at potential parties in the Baltic States interested in Grid computing - shall be expanded in two directions:

- Education and Training - will help:
 - administrators of the BG infrastructure to acquire necessary knowledge and experience with Grid computing
 - users to gridify and deploy their applications to the BG infrastructure
- Dissemination and Outreach will focus on spreading awareness of the Project and knowledge on Grid computing to a wider community of potential users in the Baltic States as well as on promoting the Project on the European stage.

1.2. EXECUTIVE SUMMARY

The goal of the BG project is to extend the European Grid by integrating partners from the Baltic States (Lithuania, Latvia and Estonia) in the European Grid research community and to foster the development of Grid infrastructure in these countries.

A number of dissemination activities are planned in the context of the Project, all in order to ensure the applicability of the Project results, to increase the usability of its applications and to boost the Project's recognition within the Grid community.

It is essential for the BG Consortium that research results of the Project and its innovative solutions be effectively disseminated and used by others in order to derive maximum benefit from investing in technological development

The document includes the following parts:

- the report of the NA2 activities performed in 13 – 18 months of the Project life,
- the updated BG dissemination work plan for the Project's last year (months 19 -30),
- the measures of foreseen dissemination activities during the last 12 months of the Project's lifetime,
- the summarizing table with schedule of activities supporting the implementation of the Dissemination Roadmap.

The following appendices are also enclosed:

1. Agendas of planned tutorials
2. Improved version of the Customer Feedback Form
3. Updated schedule of ETDO activities



2. DISSEMINATION ROADMAP

2.1. NA2 – ORGANIZATION OF WORK AND RESPONSIBILITIES

To fulfil its aims and plans, the BG project formed various carefully-focused groups and committees, established by the PMB, through formal and informal mechanisms. Clear channels of communication between Project partners themselves, as well as with the wider community, play a crucial role in fulfilling the objectives of the Project. One of the groups is the BG ETDO Team which is responsible for conducting and executing the dissemination tasks. The Team consists of NA2 leader (IFJ PAN) and representatives of all Project Partners. The ETDO Team carries out all the tasks on behalf of the Project consortium, following the instructions of the PD and PMB.

The detailed organization of work and responsibilities of ETDO Team as well as its cooperation with other Project groups have already been described in [ROADMAP].

2.2. STRUCTURING THE DISSEMINATION EFFORTS

The dissemination activity is split into two distinct levels: internal (in the framework of the BG consortium) and public. The latter includes local (national) and the central sub-levels. It is quite important to promote Project objectives and results at all these levels since they are complementary and hierarchically support each other.

The detailed description of internal and public levels of dissemination has already been put in [ROADMAP].

The Project utilises several methods and tools in order to promote Grid technology and to disseminate the results obtained. There are various ways of communication that are being used for dissemination for the BG project. They have also been described in [ROADMAP].

2.3. DISSEMINATION ROADMAP

2.3.1. BG dissemination work plan

The NA2 leader – IFJ PAN – is responsible for coordination of all activities listed below. It cooperates in this matter with PMB and all Partners, particularly with those listed in the right column of Table 1 and Table 2.

Table 1 presents activities already performed months 13-18 of the Project, which were not described in [REPORT].

Activity	Responsible Partners/bodies (apart from IFJPAN)
Months P13-P18 (Nov 2006 – Apr 2007) - tasks already completed	
General BG brochure update – issue 2, A-4 form, 4 pages (electronic and printed version – 500 copies) www.balticgrid.org/Dissemination/Brochures/	PMB
Multimedia BG presentation http://www.balticgrid.org/Dissemination/Presentations/	PMB, PSNC, EEnet, VU, ITPA, IMCS UL
BG technical components' poster on JRA1 achievements – roll stand (200 x 80 cm) www.balticgrid.org/Dissemination/Posters/	PMB, PSNC, KTH



Technical brochure on OCM-G - A-4 form, 2 pages (electronic and printed version) www.balticgrid.org/Dissemination/Brochures/	
Improved version of the Customer Feedback Form – (electronic and printed version) www.balticgrid.org/Feedback_Form/	PMB, NA2
Dissemination Roadmap revision – P18 deliverable www.balticgrid.org/Results/	PMB, NA2

Table 1: Activities carried out in months 13 – 18

Table 2 includes the updated plan of main dissemination activities which will be carried out in the last stage of the BG project. The activities are presented chronologically for last two 6-months periods of the Project (months 19-30).

Months P19-P24 (May 2007 – Oct 2007)	
3 rd BG AHM in Tallinn, Estonia	NICPB, PMB
2 nd Summer School in Riga, Latvia	IMCS UL, RTU, PMB
Krakov Grid Workshop – CGW'07	IFJ PAN
Technical brochure on BG pilot applications - A-4 form (electronic version) www.balticgrid.org/Dissemination/Brochures/	VU
Technical brochure dedicated to Grid Operations - A-4 form (electronic version) www.balticgrid.org/Dissemination/Brochures/	NICPB, EENET
Dissemination Report – P24 deliverable	NA2
Months P25-P30 (Nov 2007 – Apr 2008)	
4th BG AHM in Stockholm, Sweden	KTH, PMB
Participation in the IST 2007 Conference/Exhibition (if announced)	All Partners
New versions of brochures, posters and Project presentation on final results	PMB, NA2
Participation in various Grid events	All Partners
Final plan for using and disseminating knowledge – P30 deliverable	KTH
Report on raising public participation awareness – P30 deliverable	KTH

Table 2: BG dissemination work plan for months 19 – 30



The updated schedule for the implementation of the main activities which will support the education and dissemination tasks is presented in a separate table that is included in the Appendix 3 of this report.

Description and comments concerning already performed as well as planned dissemination activities.

Months 13 - 18 (Nov 2006 - April 2007) – tasks already completed

A multimedia presentation showing the status and main achievements of the Project has been prepared in this period. The presentation (in MS PowerPoint) includes about 40 animated slides, two recorded demos and a voice narration. It is a general BG project presentation intended for a broad audience.

BG technical components' poster has been prepared presenting the BG JRA1 achievements.

The presentation and the poster were displayed at the BG stand during the OGF20/EGEE User Forum in Manchester and at the 3rd BG AHM in Tallinn in May 2007.

Two brochures have been prepared during this period:

- a new version of the BG general brochure,
- a new BG technical brochure: OCM-G – Grid-enabled OMIS-Compliant Monitoring system.

The second version of the Customer Feedback Form has been elaborated and is available at the BG website. It consists of two parts – an introduction and a questionnaire – where potential users have the opportunity to express their needs concerning the use of the Grid infrastructure, adapting their application to the Grid, or join one of the BG SIGs. The new version of the Form is presented in the Appendix 2.

The all mentioned above materials have been distributed among participants of the OGF20/EGEE User Forum and the 3rd BG AHM.

A revised version of the Dissemination Roadmap (due by P18) has been prepared. It determines the detailed plans for the second phase of the Project.

Months 19 - 24 (May 2007 - October 2007)

During this phase of the Project life, the focus will be put on:

- intensified and focused training courses for potential users (e.g. during the 2nd Summer School),
- increased number of high level and targeted presentations at various Grid events,
- more substantial information and articles about the Project progress and results.

During this time several technical brochures are planned to be elaborated. They will be dedicated to the BalticGrid infrastructure and those applications which have been already enabled to Grid computing or are advanced in the gridification process.

Preparation of scientific papers, posters, distribution of materials and articles presenting the current Project status and scientific results will keep the Project's profile high during this period.

The following events are planned to be organized:

- the 3rd BG AHM will be held in Tallinn, Estonia, on 15-17 May 2007; it will be accompanied by the Grid Open Day and advanced Grid tutorial (a program is enclosed in Appendix 1); invitation of the representatives of SUN Microsystems for the Grid Open Day is planned – they will talk about Grid technology for the business users.



- the 2nd Summer School will be organized in Riga, Latvia, on 2-6 July 2007 (a planned program enclosed in Appendix 1); students of the school will be given the certificates of participation,
- Cracow Grid Workshop (CGW'07) will be held in Krakow, Poland, in October 2007.

The Dissemination Report (P24 deliverable) will be prepared in October 2007; it will summarize all dissemination activities carried out during the second year of the Project life (November 2006 – October 2007).

Months 25 - 30 (November 2007 - April 2008)

Promotion and advertisement of the Project final achievements will be the main task of the dissemination activities planned for this period.

The 4th BG AHM is planned to be held in Stockholm (KTH) in December 2007; it will be accompanied by the Grid Open Day.

Participation of the Project representatives in various Grid events is foreseen during these 6 months.

The final versions of brochures, posters and Project presentation will also be prepared. They will provide a final view on the Project achievements and the final status of its infrastructure and applications.

As the Project approaches its final stage, attention will be devoted to preparing a draft of the “Final Plan for Using and Disseminating Knowledge” deliverable. Particular effort will be dedicated to analyzing the feedback from potential users, and the impact data collected through our website statistics. Once gathered, these elements will form a basis for preparing the deliverable.

The last deliverable of NA2 “Report on raising public participation awareness – P30 deliverable” will also be prepared at the end of this period.

2.3.2. Audiences

Identifying Audiences

The process of identification of target audiences will be continued, as described in [REPORT]. The requirements and interests of potentially interested persons or groups will be identified through:

- the Project website (via visitors who will contact members of BG Consortium using contact data available from the website),
- organization of Grid seminars and meetings for researchers coming from various disciplines,
- personal contacts of BG representatives with people attending various Grid events,
- Customer Feedback Form, available from the dissemination website and also sent to various interested parties; these forms will also be distributed during conferences, seminars and Open Grid Days;

This activity will be carried out in close cooperation with NA3, Application Identification and Support.

2.3.3. Monitoring and evaluation methods of the dissemination activities

To determine our target audiences and to help us achieve our dissemination objectives, the monitoring and evaluation methods will be continuously conducted throughout the remaining time of the Project. The data gathered will be particularly important in designing future promotional materials and in planning Grid events and tutorials.



The following means (already described in [ROADMAP]) will help in evaluation of our disseminative activities: Web usage reports and Event Evaluation Forms. Additionally, an improved version of the Customer Feedback Form is attached to this document as Appendix A.

Measures

Table 3 presents measures of foreseen main dissemination activities during the last 12 months of the Project's lifetime. The first column includes statistics of activities already performed during P13-P18 period.

	P13-P18 (done)	P19-P24	P25-P30
Number of Newspaper articles/Radio interviews/TV programs	14	10	15
Number of Presentations (talks)	19	20	20
Public Website visits (page views) (average per month)	11 095	10 000	11 000
Number of information brochures and leaflets	2	2	1
Number of posters	1	2	1
Number of tutorials organized	3	2	1
Number of summer schools organized	0	1	0
Number of conferences, Grid Open Days organized	1	3	2
Number of exhibitions organized	1	2	1
Number of seminars (single ones and series) organized	17	15	20

Table 3: NA2 Measures



3. SUMMARY

This document describes the updated work plan for the BG dissemination activities that are foreseen and actions that will be taken by the members of the consortium during the last 12 months of the BG project. The NA2 Team leader will coordinate all these efforts, however suitable implementation of this plan will still require close cooperation of all BG partners. This activity contributes to the Project's success, as - thanks to the dissemination efforts carried out cooperatively among all Partners under IFJ PAN leadership – some rich and high-quality information have already been delivered during the first year of the Project.

The 3rd AHM Conference in Tallinn will once again gather all of the NA2 contact persons, who will thus be able to hold face-to-face discussions about the activity issues and fulfilment of ideas presented in this revised version of dissemination plan.

The Roadmap revision presents detailed plans for the last 12 months of the Project. A description of their fulfilment (involving the report from the P13-P18 period) will be presented in the DNA2.6 Dissemination Report (P24) and in the DNA2.7 Final Plan for Use and Dissemination of Knowledge (P30).



APPENDICES

A1. TUTORIAL AGENDAS

In order to demonstrate the kind of training that will be provided in the framework of the BG project, the agendas of tutorials are presented below.

- **Half day Grid tutorial**
(planned to be held in Tallinn on 15 May, 2007)

Basics of the Grid

Miroslaw Kupczyk, PSNC, Poland

The first part of the tutorial is designed for new users willing to get familiar with grid processing. It covers introduction to basic grid concepts, grid middleware components. The focus is aimed at using of gLite middleware via command line and Migrating Desktop as GUI, which is fully utilized in the BalticGrid infrastructure.

During the hands on exercises some practical examples will be exercised (using gLite commands and Migrating Desktop simultaneously):

- What are the personal credentials for?
- Login to the Grid.
- How to run a job.
- Basic file management.
- How to control my jobs.

Advanced grid usage

Bartek Palak, PSNC, Poland

This part of the tutorial concerns the follow up features of gLite and Migrating Desktop. Additionally the user will be guided in how to manage the file replicas, and interactive jobs over the grid. Some guidelines about possible integration of applications within Migrating Desktop will be discussed.

After the tutorial the participant will be able to:

- To manage files.
- Run a parallel/distributed job.
- Run a sequential and MPI application.
- Run an interactive job.
- Prepare and run a workflow under gLite.

- **2nd BG Summer School**
(Program planned for the five-day event: 2-6 July 2007, Riga, Latvia)

DAY 1

Grid computing

Introduction into the Grid computing

Hands on tutorial



DAY 2

Plenary session – Gridification of BG Linguistic applications; Workload Management

Parallel sessions - Exercises on application grid-enabling

Work in groups /one application per a group/

DAY 3

Plenary session - Data Management

Parallel sessions - Exercises on application grid-enabling (continued)

DAY 4

Plenary session - MPI, Parallel Computing

SUMMARY, conclusions of three day work

DAY 5

Grid security



A2. IMPROVED VERSION OF THE CUSTOMER FEEDBACK FORM

The Baltic Grid project is of high strategic importance to the Baltic States and is designed to give a rapid build-up of a Grid infrastructure, contributing to the enabling of the new member states participation in the European Research Area. The project involves 10 leading institutions in Estonia, Latvia, Lithuania Poland, Sweden and Switzerland. The Baltic Grid infrastructure and services will be validated through several pilot applications from the material science (quantum chemistry), bioinformatics (Motif Finding Algorithm) and High Energy Physics (modeling of Large Hadron Collider experiments).

This Customer Feedback Form is an initiative undertaken in the framework of the dissemination of the European BalticGrid project, with the mission of distributing information about available Grid resources and pilot applications developed within the project. It also aims at finding the new users who will be willing to adapt their own applications to the Grid environment.

In that context, we would like to address you with the purpose of sounding out your interest in Grid potential in general and the BalticGrid project in particular. We kindly ask you to fill in the enclosed form if you are interested in cooperation with the BalticGrid Project Consortium.

On behalf of the BG Consortium
BG Education Training Dissemination and Outreach Team

BalticGrid Customer Feedback Form

- **Organization name**
- **Web site address**
- **Name**

 - **Specialisation**
 - **E-mail/phone**

My points of interest:

- *Obtaining the technical support and consultancy in adaptation of application for Grid infrastructure*
- *Using of BalticGrid resources*
- *Assistance in registration to BalticGrid Virtual Organization and obtaining a certificate for using BG infrastructure*
- *Participation in seminars/workshops/tutorials on Grid technologies, tools and applications*
- *Obtaining general BalticGrid dissemination materials - brochures, posters, presentations*
- *Your other needs concerning the Grid technology*

We kindly ask you to send the filled form electronically to the BalticGrid Dissemination Leader:

z.mosurska@cyfronet.krakow.pl

(the form is also available at the following url: http://www.balticgrid.org/Feedback_Form/)



A3. UPDATED SCHEDULE OF ETD0 ACTIVITIES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
BALTICGRID WEB SITE																														
Site launch																														
Site maintenance and update																														
BG web pages at Partners' institutions																														
EVENTS																														
BG kick-off Meeting																														
Summer School																														
Grid Open Day																														
All-Hands Meeting																														
Cracow Grid Workshop																														
Official BG participation in Grid events																														
DISSEMINATIVE MATERIAL																														
General-purpose brochures																														
Technical brochures																														
Leaflets advertising BG events																														
General-purpose posters																														
Customer Feedback Form																														
REPORTING																														
Project Presentation																														
Dissemination Website																														
Dissemination Roadmap																														
Dissemination Report																														
Final plan for using and diss. knowledge																														
Rep. on raising public participation awareness																														