GNU
GMES Network of Users

2ND GNU Extended Consortium Conference
Thu. 4 February 2010, 9:00-17:30
ISPRA, Via Curtatone 3, Rome - Italy

Draft Agenda

08:45 Registration

09:00 Welcome, agenda, aims of conference *(S. Laporta, M.Dalla Costa, H. Haubold)*

09:15 Summary of GNU activities since the 1st Conference *(Herbert Haubold)*

09:30 Selected results
- Quality Criteria for GMES Products: a User Perspective *(Herbert Haubold)*
- Challenges for building upon/improving existing Data Portals/Catalogues *(Klaus Granica)*
- Calibration/Validation approaches: analysing existing practices and recommending improvements *(Marco Hoogvlie*t)
- International/Global opportunities *(Stuart Marsh)*

10:00 Questions

10:30 Break

11:00 Discussions in breakout groups (up to 15 people), please chose one parallel session

All parallel sessions are intended to improve dissemination and feedback on GNU project results and aim at:
- Gaining a deeper understanding of GNU results
- Providing feedback to add value to GNU outcomes
- Recommending tangible solutions for identified problems

Quality Criteria for GMES Products (group 1)	***Data Catalogues/Portals (group 2)***
Room: "Fazzini" (same as main conference room) *1st floor* Facilitator: Herbert Haubold Co – facilitator: Stefan Kleeschulte *See "seed questions" in Annex 1*	Room: "Fazzini" (same as main conference room) *1st floor* Facilitator: Klaus Granica Co-Facilitator: Jaume Fons *See "seed questions" in Annex 1*
Calibration/Validation Approaches (group 3)	***Group 4 International/Global Opportunities (group 4)***
Room: "Tevere" *1st floor* Facilitator: Marco Hoogvliet Co- Facilitator: Chris Bremmer *See "seed questions" in Annex 1*	Room: "VideoConference" *1st floor* Facilitator: Stuart Marsh Co-Facilitator: Stefanie Linser *See "seed questions" in Annex 1*

12:30 Lunch

13:30 Learning by doing: from the beginning of GMES to a new generation of GMES projects/actions *(Maria Dalla Costa)*

13:45 Discussion in break out groups, based on experience in key projects/actions launched in recent FP7 calls and in other new or ongoing GMES related actions, regarding improvements in meeting user needs, involvement practices, expected contributions.

Please chose a parallel session on one of the following subjects:

- Meeting User Reporting Obligations and Priority Data Flows
- Improving modelling and forecasting of in situ data
- Facilitating User contribution in building SEIS/INSPIRE
- Facilitating National/Sub national coordination

Meeting User Reporting Obligations and Priority Data Flows (group 1)	***Improving modelling and forecasting by using of in situ data (group 2)***
Room: "Fazzini" *1st floor*	Room: "Fazzini" *1st floor*
Facilitator: Herbert Haubold Co – facilitator: Maria Dalla Costa	Facilitator: Aasmund Fahre Vik Co – facilitator: Eutizio Vittori
See "seed questions" in Annex 1	*See "seed questions" in Annex 1*

Facilitating User contribution in building SEIS/INSPIRE (group 3)	***Facilitating National/Sub national coordination (group 4)***
Room: "Tevere" *1st floor*	Room: "VideoConference" *1st floor*
Facilitator: Andreas Littkopf Co-facilitator: Frank Fell	Facilitator: Jo van Valckenborgh Co – facilitator: Juraj Vall
See "seed questions" in Annex 1	*See "seed questions" in Annex 1*

14:45 Break

15:00 Breakout sessions resume

15:45 Facilitators' recaps
• Outcomes – dissemination
• Outcomes – new GMES projects/actions

16:30 Possible options of continuing GNU cooperation (Brainwriting Exercise, *Herbert Haubold*)

17:15 Final Remarks (*Maria Dalla Costa, Herbert Haubold*)

17:30 Adjourn

Note: For travel reimbursement see the logistics document. There is no need to bring bills to this conference.

Annex 1 – "Seed questions"

Morning Sessions on GNU selected results:

Quality Criteria for GMES Products (group 1)
Facilitator: Herbert Haubold
Co – facilitator: Stefan Kleeschulte

- How should a GMES product ideally support your work (consider your specific situation)?
- How should service providers interact with their users to practice true service orientation?
- Quality defined by a service provider versus quality from a user perspective?
- Is the user interested in the method used for quality assessment?
- What else makes a great GMES-product (criteria for good quality; methods for quality assessment; validation methods and accuracy values)?

Data Catalogues/Portals (group 2)
Facilitator: Klaus Granica
Co-Facilitator: Jaume Fons

- Which web based data systems are you acquainted with?
- Which data systems do/did you actually use (regularly/sometimes/once)?
- Did you enter/register data-products in a data system? If so, which?
- What are the pros and cons about certain data systems, why do you prefer some over others, what should be improved?
- What is the advantage to obtain data-products from a data system (rather than directly)?
- If you are a provider, what is the incentive to enter/register data-products in a data system?
- What would be a barrier to enter/register data in a data system?
- To find suitable data-products, which meta-data are most essential to you?

Calibration/Validation Approaches (group 3)
Facilitator: Marco Hoogvliet
Co- Facilitator: Chris Bremmer

- Do GMES services offer enough information on product validation, in relation to the problems you would like to solve using GMES data? Does the information suit your needs?
- Was the specific information on validation that you searched easy to find or obtain?
- Do you think that it is necessary to intensify the involvement of users in product validation procedures? And if so, what are the reasons for this?
- Which recommendations would you make on product validation to GMES services?

Group 4 International/Global Opportunities (group 4)
Facilitator: Stuart Marsh
Co-Facilitator: Stefanie Linser

- Which international/global Earth Observation initiatives are you directly involved in (GEO, GTOS, IGOL….?) In which role (User, Provider, Value Adder, S&T community, Community of Practice……)?
- Participating in international/global initiatives should reduce the costs of Earth observation systems, at national and European level, for both providers, users and value adders….: which priority data and information gaps can be tackled at the global level, benefitting also European stakeholders?
- Is more information needed on different international programmes (scope of data collection and storage, data quality, data sharing principles, operational costs, roles and responsibilities…..) to improve overall understanding by stakeholders?

Afternoon Sessions on Learning by Doing:

Meeting User Reporting Obligations and Priority Data Flows (group 1)
Facilitator: Herbert Haubold
Co – facilitator: Maria Dalla Costa

- If you were involved in a GMES project, which Priority Data flows or other reporting obligations have been considered in this projects' policy analysis?
- Independently of your previous GMES project involvements, which current Priority Data Flows (or other reporting obligations) could generally benefit from input by GMES?
- Specifically, what would be cases for which:
- GMES does the reporting: that is, existing data are replaced by GMES products
- GMES contributes to reporting, eg provides the spatial context to in situ data, provides one of a number of indicators, etc.
- GMES widens the scope of (future) reporting, eg through modelling of current in situ data and forecasting, thus in the future we get an improved quality of currently existing information
- In additions, what could be potential cases for which:
- GMES gives a new scope for future reporting, eg reverse modelling of emissions or monitoring of soil sealing, we would get new information and this could lead to future new priority data flows

Improving modelling and forecasting by using of in situ data (group 2)
Facilitator: Aasmund Fahre Vik
Co – facilitator: Eutizio Vittori

- Examples of use of in-situ data in modelling: what types of applications do we know about?
- What are the major limitations for a larger use of in-situ data in modelling and forecast?
- (How) can these limitations be overcome? (or: What can be reasonably done for a more extensive use of in-situ data?)
- What kind of in-situ data are more needed for improving models and forecasts?
- What are the potential benefits of using/assimilating denser and more precise in-situ observations into model/forecast systems? Are they worth the additional costs?
- What is required by future monitoring/modelling systems?

Facilitating User contribution in building SEIS/INSPIRE (group 3)
Facilitator: Andreas Littkopf
Co-facilitator: Frank Fell

- Do national and cross border SEIS examples exist, are they built on actual user requirements, which are their targeted user segments, do they take GMES opportunities into account?
- How can GMES projects improve SEIS and INSPIRE implementation processes, and vice versa?
- Which key SEIS issues need to be addressed for an effective use of GMES products, and vice versa ?
- Do countries need more guidance to better link the three processes and by whom (DG's EEA, JRC, National Agencies...)?
- Are there national legal or other constraints to be tackled?
- What is the status of open source developments, are there convincing solutions available?

Facilitating National/Sub national coordination (group 4)
Facilitator: Jo van Valckenborgh
Co – facilitator: Juraj Vall

- What kind of the national structure for governance of the GMES exists in your country?
- How does it take national/subnational coordination into account?
- Do you have any recommendations to improve this structure?
- Which organisation (administration body) is the national coordinator for GMES in your country?
- Do you have in your country monitoring activities which use GMES services?