1.   Workshop name/title (and acronym is applicable)

Towards a sustainable development of the European GI S&T Body of Knowledge

2.   Description of the workshop by listing topic(s), objective(s) and planned outcome(s)

2.1   Topic(s)

Body of Knowledge (BoK), GI S&T, geospatial ontologies, geowiki, maintenance process

2.2   Objective(s)

Between 2013 and 2016 a consortium of 31 academic and non-academic partners from 25 countries worked together in the 'Geographic Information – Need to Know (GI-N2K)' project (LLP Erasmus programme) to find a method to create and maintain a dynamic BoK 2.0 for Geographic Information Science & Technology (GI S&T). More than 150 experts revised the 'old' BoK 1.0 (UCGIS, 2006) defining new concepts - theories, methods, technologies … - and revise existing concepts in the geospatial field. A European ontology-based platform was developed to maintain the BoK in the future and to exploit its content, e.g. for designing curricula in the field of GI.

The proposed pre-conference workshop wants to build further on the outputs and outcomes of this project by defining a long-term sustainable but practical way to develop the BoK and the European platform in the future. Specific objectives of the workshop are:

1) To present and discuss the outputs and outcomes of the GI-N2K project;

2) To assess the revised European BoK and to define geospatial (sub-)areas that need further improvements;

3) To discuss the way the maintenance process is currently conceived including the role of the major players involved (e.g. AGILE), the potential set-up of an editorial board; etc.

4) To apply the procedures developed in GI-N2K on a particular sub-area to get

acquainted with the new BoK and the platform (hands-on);

5) To discuss the lessons learned and possible steps for an action plan for the future (including but not limited to the definition of a follow-up project).

2.3 Planned outcome(s)

An outcome can be e.g. the publication of a report, a special issue of an International Journal, a white paper, a book, etc. If you already know the publisher, please provide this information as well.

The major outcomes of the workshop will be in the form of 1) a report (reflecting the discussions and lessons learned) and 2) a paper to be submitted in an international journal (discussing the long-term process and the challenges for maintaining a dynamic BoK).

3. Abstract

This is how you want your workshop to be presented on the conference webpages (maximum 1000 characters)

Between 2013 and 2016 a consortium of 31 academic and non-academic partners from 25 countries worked together in the 'Geographic Information – Need to Know (GI-N2K)' project (540409-LLP-1-2013-1-BE-ERASMUS-ENW) to find a method to create and maintain a dynamic Body of Knowledge for Geographic Information Science & Technology (BoK GI S&T 2.0). More than 150 experts revised the 'old' BoK (UCGIS, 2006) defining new concepts - theories, methods, technologies … - and revising existing concepts in the geospatial field. A European ontology-based platform was developed to maintain the BoK in the future and to exploit its content, e.g. for designing curricula. The workshop will bring together interested partners from the academic and non-academic world to discuss the outputs and outcomes of the GI-N2K project; to assess and improve the maintenance process that has been set-up; to test the current process on a particular geospatial sub-area; to discuss the further improvements and consolidation of the maintenance process and the potential actions for the future.

4. Short description of the intended length (half or full day) and the format of the workshop

The workshop is intended to cover a full day.

The workshop would start from a few presentations summarizing the work that has been done in the GI-N2K (Geographic Information Need to Know) project. We have a new version of the BoK, but how can we now guarantee that it will be maintained? The presentations will analyse the changes made (new concepts, relationships, remaining gaps …) and discuss how the revised BoK can or can't (yet) be used yet. Special focus of the discussion will be on the consolidation of the revision process: who should take the lead; do we need a

'permanent' editorial board; etc.

From there the biggest part of the day will be devoted to work on a few selected areas to scrutinize the content and discuss how to further consolidate it and how AGILE as an association can support, lead and endorse the whole process. Also the collaboration with other parties such as EuroSDR will be discussed.

The expected balance between presentations and discussion/hands-on will be 1/3 – 2/3.

5. Brief statement of the relevance of the workshop for AGILE

AGILE is part of the GI-N2K network and was responsible for the set-up of the revision process and the revision of the BoK itself. During the project the major ideas and lines of action were discussed and agreed upon, but further discussion with partners and members of the AGILE community is needed.

6. What is the approximate number of expected participants?

Around 20 people (maximum 30 people because of the need for interaction and some 'hands-on')

7. Names and e-mail addresses of the organizing member(s)

Leading AGILE member (or sponsor) and contact person:

1. KU Leuven, Danny Vandenbroucke

Contributing AGILE members (including the persons involved) – at least one seconding AGILE member is needed:

2. TU Dresden, Lars Bernard

3. AGILE council, Marek Baranowski (other people might be added)

Contributing non-AGILE members (including the persons involved) – if applicable:

Probably colleagues from the USA (e.g. UCGIS, Sean Ahearn/André Skupin)

Organizing Committee (if applicable):

A Committee will be set-up once the bid has been accepted.

Programme Committee (if applicable):

Not applicable

8. Additional information about previous workshops, if held.

Pre-conference workshops on the BoK were held in previous AGILE conferences such as Avignon, Utrecht and on other occasions.

9. Expected resources needed

Explain here if you have any special needs (e.g. internet connection, break-out room(s), etc.), what are the expected resources needed. Please take into account that the fee for the workshop (1 day) is fixed at 50€ and this should cover the basic expenses made (coffee breaks, …). If you need additional support, this request should be directed towards the AGILE Council, but this support cannot be guaranteed.

Internet connection, projector, flipcharts with markers (for breakout groups), a room that is big enough to have 3 or 4 breakout groups (in each corner).

10. Other information

A more detailed agenda plan will be elaborated once the proposal is selected. The GI-N2K consortium and AGILE community will be solicited to provide input for that.

Submission by e-mail to: Agile2017@wur.nl