



GEOGRAPHIC INFORMATION: NEED TO KNOW

Welcome to the second issue of the [GI-N2K](#) project newsletter.

GI-N2K Study fact sheet available

The GI-N2K Study provides an analysis of the match between the knowledge and competences that are required by employers and organizations in the field of geospatial information (demand side) and the knowledge and competences that are central in the current offer of GIS&T curricula, programmes and courses in Europe (supply side).

In that way, the GI-N2K Study contributes to a better understanding of both the demand for and the supply of geospatial education and training in Europe.

The results of the GI-N2K Study are presented in three reports:

- ✓ The report “Analysis of the demand for geospatial education and training” presents the results of the GI-N2K Survey on the workforce demand in GIS&T.
- ✓ The report “Analysis of the supply of geospatial education and training” gives the results of the GI-N2K Survey on GIS&T Teaching supply.
- ✓ The report “Integrated analysis of the demand for and supply of geospatial education and training” provides a comparison and integrated analysis of the results of the two surveys.

All reports can be downloaded from the project website

A GI-N2K Study fact sheet has been created to provide a two-page summary of the objectives, methodology and main results and findings of the GI-N2K Study.

The Study fact sheet can be downloaded [here](#).

GI-N2K meeting in Lisbon

Lisbon was the place chosen for the mid-term meeting of the GI-N2K project, gathering almost all consortium partners. During two days (10-11th March) partners got an overview of the project's different Work Packages and discussed about the next steps.



The workshop agenda was organized in two tracks: one devoted to WP2 regarding the Revision strategy for the BoK, and the other track contained four other Work Packages: WP3- VirLaBoK, WP4- Use cases, testing & validation, WP6 – Dissemination and WP7 –Exploitation and Sustainability.

As part of track 2 a training session was held on the use of the GI-N2K Body of Knowledge Wiki tool, one of the components of the VirLaBoK.

The Wiki tool can be used for exploring and editing the content of the GIS&T BoK. The tool provides graph and text interfaces that allow users to familiarize themselves with the structure of the BoK.

Users can also propose new concepts, new relationships, or new properties for existing concepts. Then the community can give feedback on those proposals in the form of ratings and comments, enabling an online discussion of each proposal.

A screenshot of the GI-N2K Body of Knowledge Wiki start page. The page has a light green header with navigation links: Home, What's New, Propose New Concept, and Graph Interface. A search bar and login fields are in the top right. The main content area is divided into several sections: 'Proposed sub-concepts' with a list of categories like 'Analytical Methods', 'Conceptual Foundations', 'Cartography and Visualization', etc.; 'Proposed short codes' with 'BoK', 'GIST', and 'EU-GI'; 'Proposed names' with 'GIS&T Body of Knowledge'; 'Proposed descriptions'; and 'This is proposed as a sub-concept of'. A central diagram shows a network of concepts with labels like 'Super-concepts', 'Post-requisites', 'Prerequisites', 'Similar concepts', and 'Sub-concepts'. Below the diagram is a 'The GI-N2K Body of Knowledge Wiki' section with a welcome message and a description of the tool's purpose and features. At the bottom, a teal banner reads 'Start page of the GI-N2K Body of Knowledge Wiki.'

Strategy for the revision of the BoK agreed in Lisbon

During several sessions in the Lisbon meeting the GI-N2K consortium partners discussed and agreed on a common method for revising the GIS&T BoK.



The 10 Knowledge Areas of the original GIS&T BoK and one additional Knowledge Area covering the latest technological developments (e.g. semantic web, sensor web enablement ...) will be used as a canvas to organize the revision process: 11 groups will be formed with several key experts from the consortium partners.

The Knowledge Area leaders will also call upon the expertise and contribution of other experts in their respective areas. It is hoped that around 150 people can be mobilised in that way.

The groups will in a first iteration work on the different topics and units in order to decide on the ones that became obsolete over the past 10 years, those that need to be changed as well as to define the new concepts that could become a new topic or unit.

In a workshop in September/October this year the partners will come together to discuss the results, including cross-Knowledge Area issues.

In a second iteration, from October 2015 till March 2016, the different groups will look into the content of the GIS&T BoK, and will also define learning outcomes and learning materials to be included.

At the end of the whole process the resulting GIS&T BoK 2.0 (European version) will be loaded in the European platform (as triple stores). After that, during the last 6 months of the project, the revised GIS&T BoK will be used and tested with the VirLaBoK tools.

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GI-N2K is Funded by the EU
Erasmus Lifelong Learning
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