


eENVplus

eENVplus - Building capacity and training


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 GISopen Conference, Szekesfehervar, Hungary, 17 April 2014



eENVplus **www.eenvplus.eu**


Aim

- The eENVplus project aims to unlock huge amounts of environmental data, managed by the involved national and regional environment agencies and other public and private environmental stakeholders, through the integration and harmonisation of existing services.
- These data are not only collected to answer reporting obligations on the environment to the European Union, but also to support national and local policies and actions.



eENVplus **WPS Aim**


- To define customised, flexible Learning Paths for different profiles of stakeholders, built up upon a selection of the portfolio of training modules offered within the training platform.



eENVplus **WPS Objectives**


The aim will be achieved through the following specific objectives:

- Publication of manuals, training procedures and instructions for supporting the use and adoption of the eENVplus infrastructure and its services;
- To support project workshops, webinars and organised training eLearning actions customized according to specific targets groups;
- To develop the Training Framework in two directions:
 - To support the basic background knowledge and skills around INSPIRE and related technical issues
 - To support the use and exploitation of the project results towards the respective target audiences, with the use of advanced training tools, based on eLearning platforms.




eENVplus **Gantt Chart**

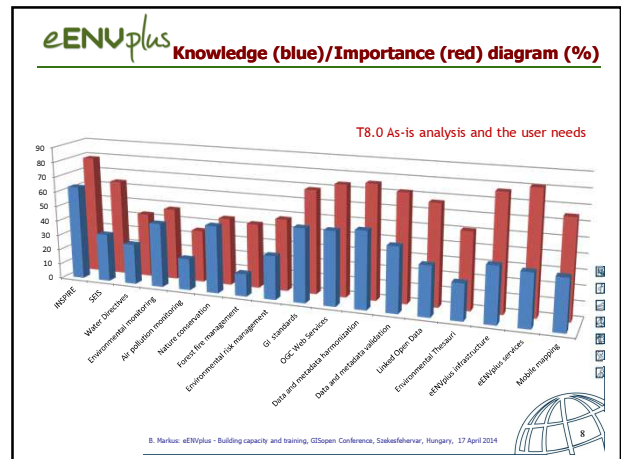
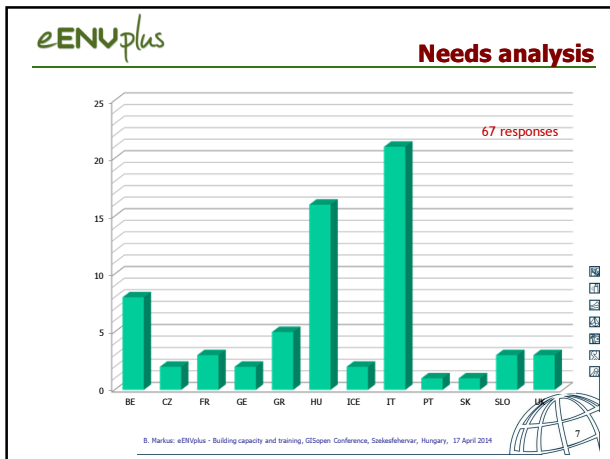
WP8: Building capacity and Training	Timeline (Months 1-12)											
T8.1 Creation of training curricula	█	█	█	█	█	█	█	█	█	█	█	█
T8.2 Training content	█	█	█	█	█	█	█	█	█	█	█	█
T8.3 The eENVplus Training Framework	█	█	█	█	█	█	█	█	█	█	█	█
T8.4 Training Actions	█	█	█	█	█	█	█	█	█	█	█	█



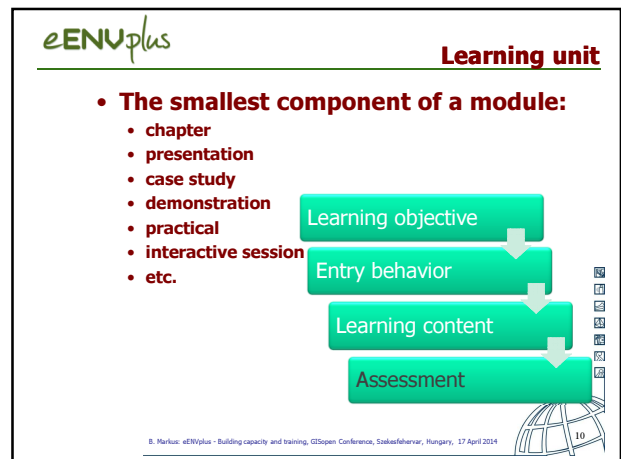
eENVplus **T8.1 Creation of training curricula**

- Different Training Curricula were drafted (Month 12) according to different levels of skills and knowledge requirements for the different roles within the eENVplus implementation process.
- The development of the curricula is partially based on the experience gained in other EU-projects and on the training needs identified within WP2.
- The curricula consist of a number of knowledge areas which is organised in logical units (Training Modules), and which allow establishing learning paths in view of pre-defined outcomes.
- Partner responsible: GEO
- Contributors: GISIG, VMM, CNR-IMATI, EPSIT, SAZP, MRD

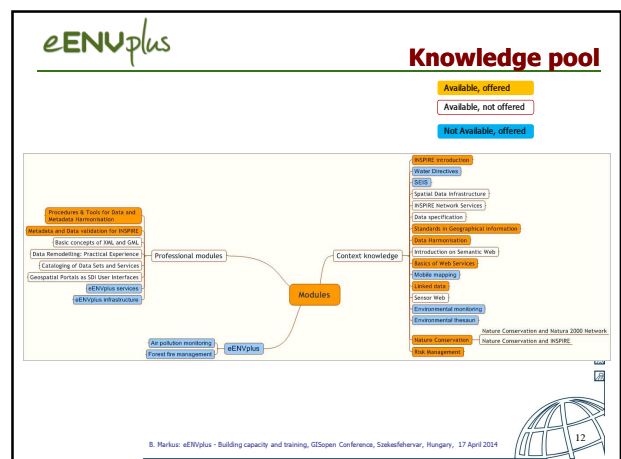




- ### eENVplus Training modules
- consist set of learning units;
 - should have clearly defined aims, prerequisites, workload, learning outcomes, literature;
 - are written in an easy to understand style, contain (self) assessment questions (in Advanced level).
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- ### eENVplus Module's Metadata
- Module Abstract – aim and objectives
 - Reference Partner - author
 - Source / Ownership – rules of use and exploitation of the module
 - Module description – content specification
 - Knowledge offered – learning outcomes
 - Intended Audience – target group(s)
 - Structure of the Module – table of contents
 - Pre-requisites - prior learning
 - Language
 - Format – type of learning units
 - Duration – expected workload
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eENUpus Learning path

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eENUpus Stakeholders

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eENUpus Modules for managers

	knowledge %	importance %
eENUpus services	50	89
eENUpus infrastructure	50	86
INSPIRE	72	83
Data and metadata harmonization	66	76
Data and metadata validation	50	76
OGC Web Services	59	75
Linked Open Data	38	72
Mobile mapping	35	71
GI standards	65	64
SEIS	53	62
Environmental Thesauri	40	50
Environmental risk management	34	44
Forest fire management	25	44
Water Directives	38	38
Nature conservation	44	36
Environmental monitoring	59	32
Air pollution monitoring	40	24
Average	48	60

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eENUpus Most important training topics selected by managers (orange) and preferred mode of delivery

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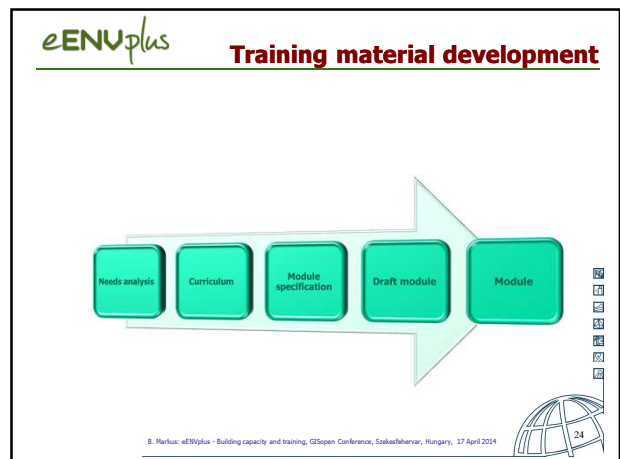
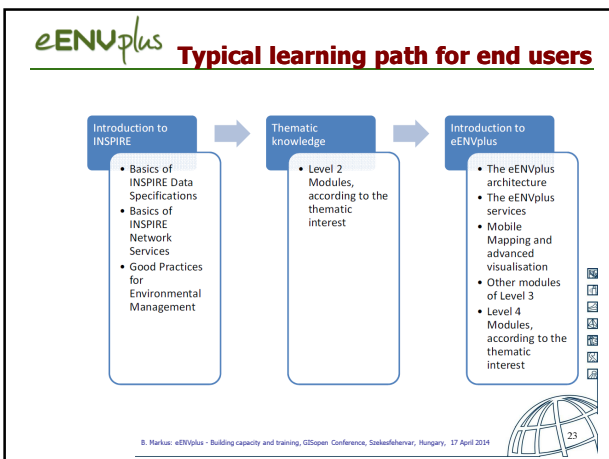
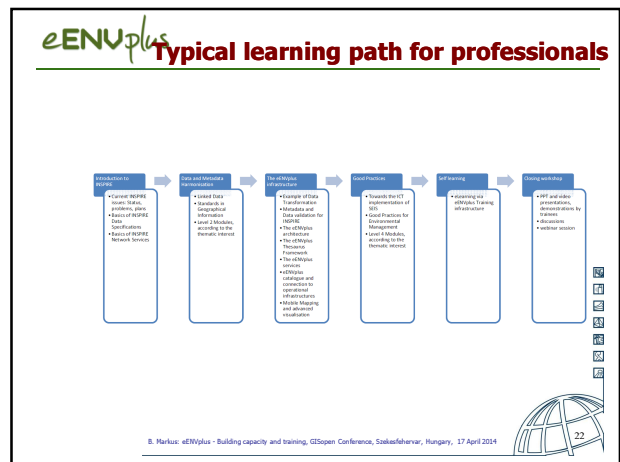
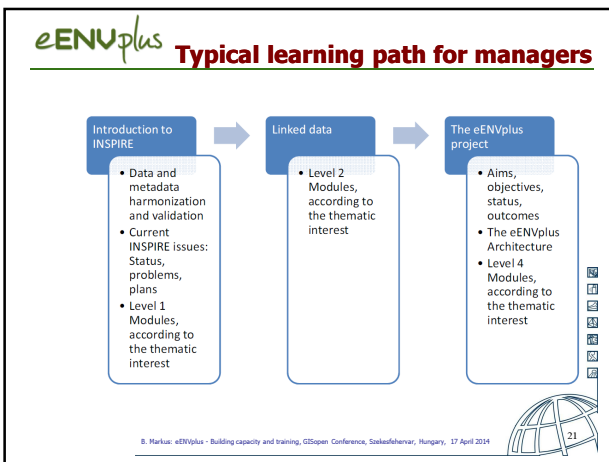
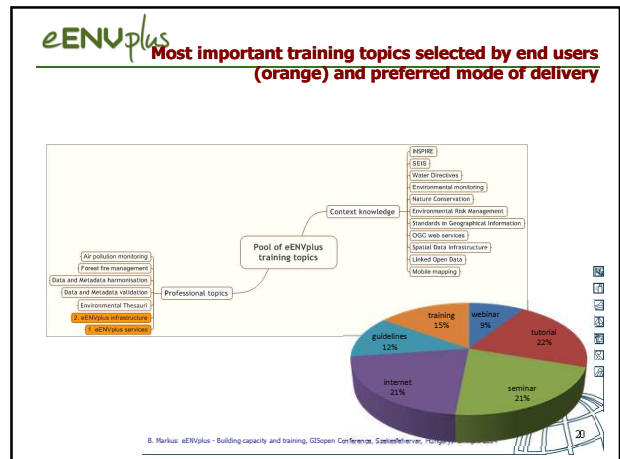
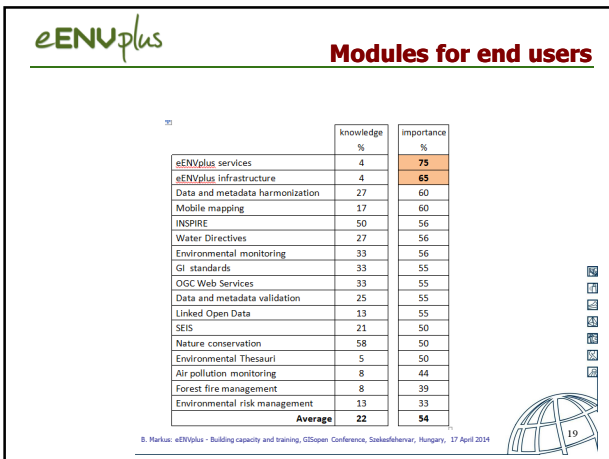
eENUpus Modules for professionals

	knowledge %	importance %
INSPIRE	61	81
Data and metadata harmonization	54	81
eENUpus services	40	79
GI standards	50	77
eENUpus Infrastructure	43	75
Data and metadata validation	46	74
SEIS	24	68
Linked Open Data	38	67
OGC Web Services	51	64
Mobile mapping	41	62
Environmental risk management	30	53
Environmental Thesauri	24	52
Environmental monitoring	40	50
Nature conservation	40	47
Forest fire management	11	47
Water Directives	21	41
Air pollution monitoring	23	38
Average	37	62

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eENUpus Most important training topics selected by professionals (orange) and preferred mode of delivery

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eENVplus Training module development

- consist set of learning units;
- should have clearly defined aims, prerequisites, workload, learning outcomes, literature;
- are written in an easy to understand style, contain (self) assessment questions.

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eENVplus Available modules

- Testing
- Updating
- Refinement
- Adaptation

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eENVplus Delivery

- Conference
- Seminar
- Webinar
- Training
- Tutorial
- Internet

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eENVplus Quality Management

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    graph TD
      WPs[WP8] --> Proposed[Proposed Courses]
      Proposed --> Accepted[Accepted Courses]
      Proposed --> CD[Course Developers]
      CD --> Reviewers[Reviewers]
      Reviewers --> Pilot[Pilot Course]
      Pilot --> Accepted
  
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eENVplus Learning support

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eENVplus Systematic training cycle

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    graph TD
      A((Identify need)) --> B((Produce study plan))
      B --> C((Implement and record))
      C --> D((Evaluate results))
      D --> A
  
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