



"From the wisdom of the ages to the challenges of modern world"

FIG Context - promoting new methods of education

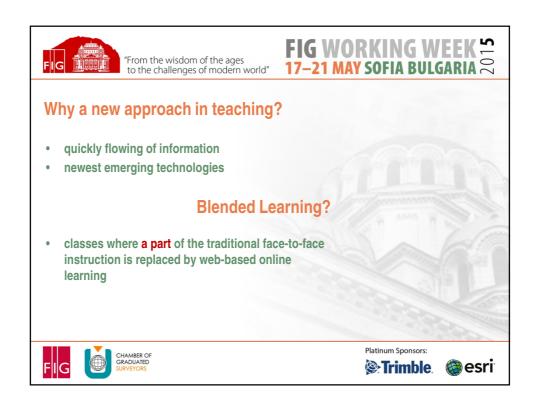
- FIG distributes information on the topic of e-learning to the surveying community;
- FIG brings experts together to share their knowledge on the topic of e-learning;
- FIG promotes creating of e-learning networks, increasing cooperation on the topic of e-learning with other organisations in the field of geosciences;
- FIG encourages their members to develop and share e-learning contents within surveying education.

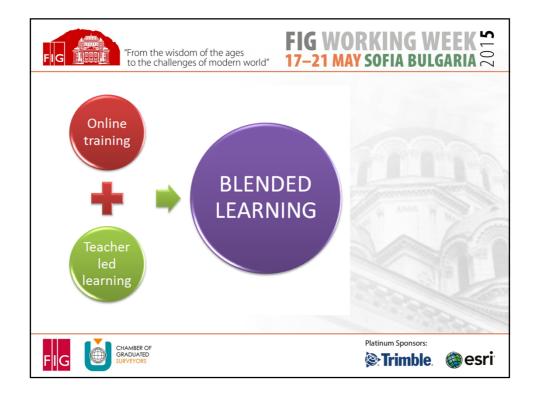


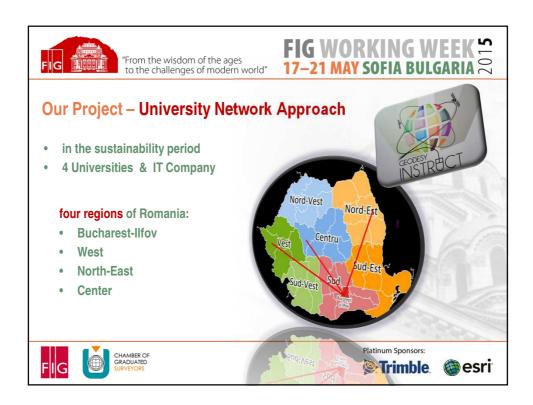


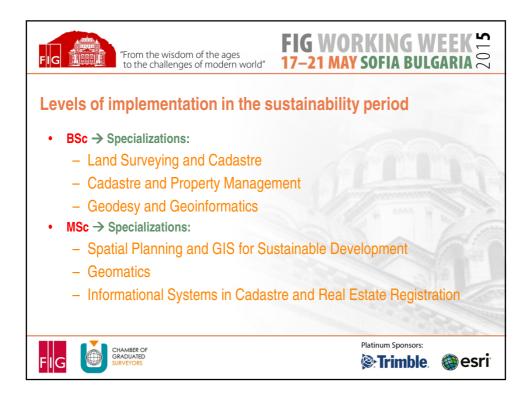


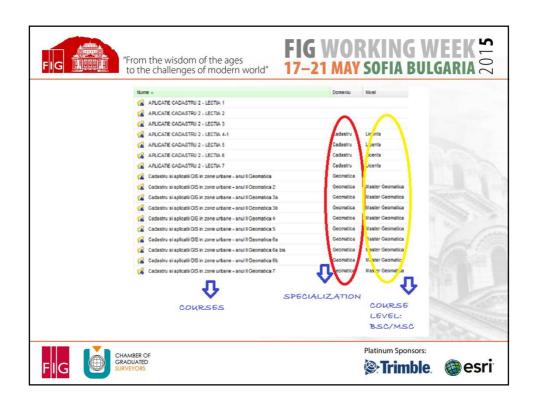


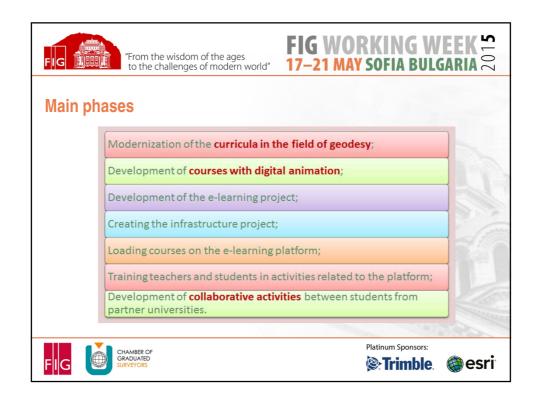












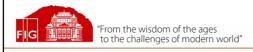


FIG WORKING WEEK 17–21 MAY SOFIA BULGARIA

Workflow

- the project experts teachers from the four universities involved had been trained in how to develop a curriculum complying the quality directives of "The Romanian Agency for Quality Assurance in Higher Education"
- had been established the courses and their structure that had been partially implemented in an e-learning platform as core subjects for all the university partners
- ICT partner worked with us to develop an appropriate product and provided the AeL platform





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FIG WORKING WEEK 5 17-21 MAY SOFIA BULGARIA

AeL platform capabilities

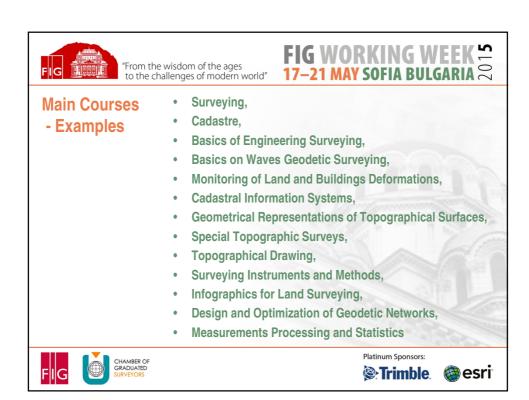
- · teaching and learning;
- · testing and evaluation;
- · management and monitoring of the entire educational process;
- management of the digital content

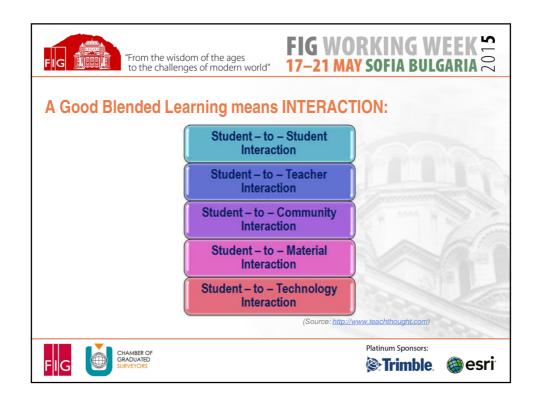












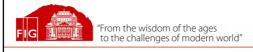


FIG WORKING WEEK

e-Learning activities in each applicative module

- introductive videos to capture the attention of students, outlining key aims and the learning outcomes;
- animations short Flash movies made to understand better the phenomena and issues of the domain;
- synchronous and asynchronous courses where the students can interact with their colleagues and teachers;
- glossaries and FAQs essential terminologies and definitions with FAQs explaining common problematical areas;
- chat rooms where can be discussed and solved problem with colleagues;
- self assessments tests and themes to help assessing the gained knowledge.





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Synchronous / Asynchronous Courses?

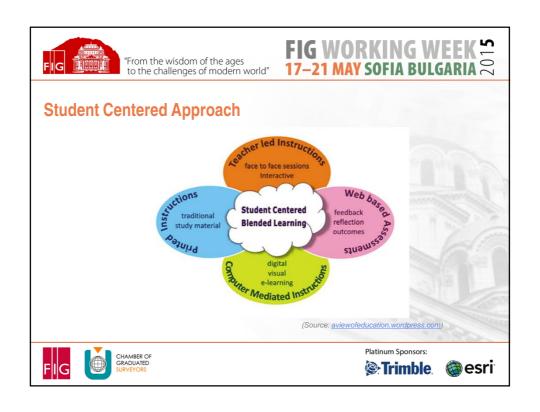
- in the synchronous learning teachers have the full control of the educational process, creating, adjusting and monitoring the training environment;
- in the asynchronous learning students can study at their own space and can collaborate in projects. After completing the courses they are tested and evaluated.

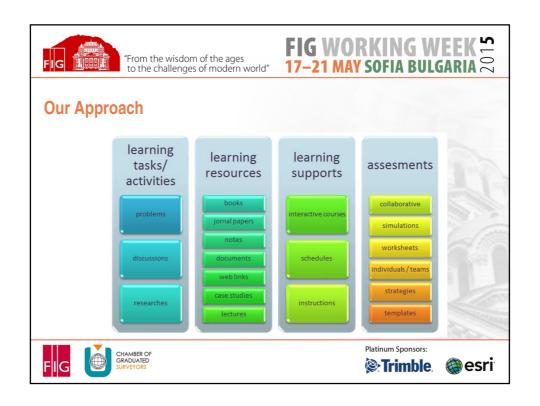


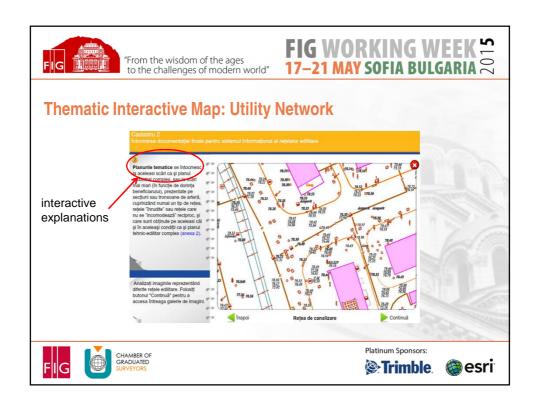


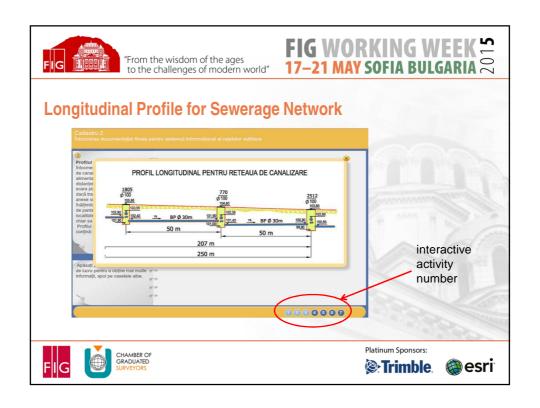


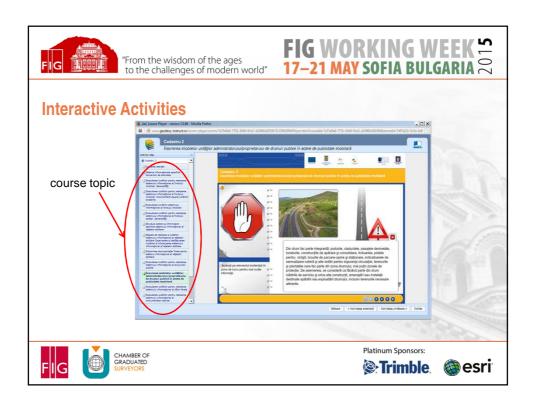


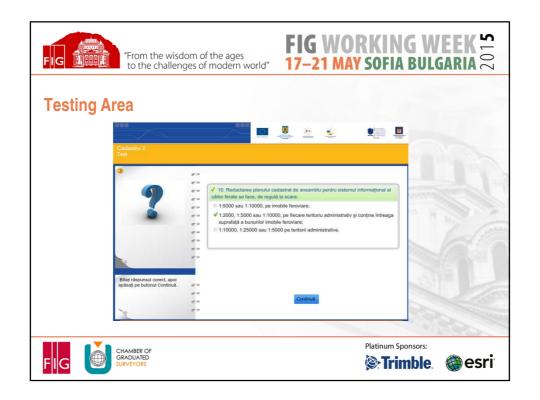


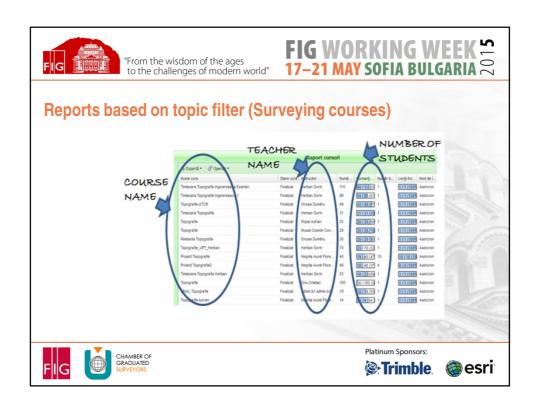


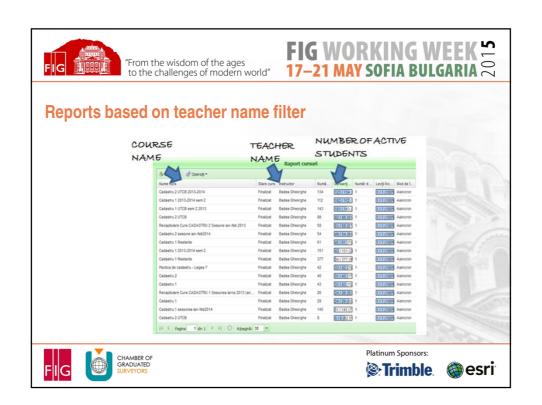












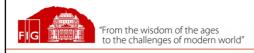


FIG WORKING WEEK 17–21 MAY SOFIA BULGARIA

The Main Issues Identified

- students can access information materials during the examination;
- high costs for university studies showing that the preparation of an online course is more expensive than the traditional one (but the costs are then amortized quickly),
- the team of "building" of a course includes people specialized in web design, instructional design - more human resources than the classical method of teaching;
- limited involvement of teachers with conservative conceptions or unwilling to digitally transmit some information they teach in the classroom classically;
- longer time affected to the design of courses and questionnaires.





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FIG WORKING WE

Blended Learning – Our Advantages

- **Human Interaction**
 - personalized
 - practical training
 - motivation
 - young teachers more involved
 - a sense of belonging to a specific community
 - improve community knowledge sharing between students who use the platform
- **Technology**
 - self study
 - quick answers at homeworks









