Navigating the Future of Surveying Education

Workshop organized by FIG Commission 2 and the Austrian Society for Surveying and Geoinformation (OVG)

Bela Markus, chair, FIG Commission 2 – Professional Education
University of West Hungary, Faculty of Geoinformatics

Mission: 2007 – 2010
Improving knowledge infrastructure
Promoting Good Practices

Changes
- Scientific
- Technological
- Organisational

Responses
- Curriculum development
- e-Learning
- Educational Management and Marketing
- Building new professions

Workgroup 1: Curriculum development
Chair: Bela Markus (Hungary)
- Needs analysis
- Serving the needs
- Bologna changes
  - BSc / MSc / PhD / Professional masters
- Teaching methods
  - PBL
- Quality Management
  - Student feedback
  - Accreditation
- Training
  - Recognition
- Credit Transfer
- Sample Data with Case Studies
2007

Prague
WG 2.1 - Curriculum
Ales Čepek

Scientia Est Potentia
Knowledge is Power

Johato Presentation
Ales Čepek (Ed)

Curriculum development

Bologna process
Body of Knowledge
Core Curriculum


Workgroup 2: e-Learning

Chair: Liza Groenendijk, ITC (Enschede, Netherlands)

- Tools
- Innovations
- Portals
- Content development
  - Multimedia
  - CBT
  - Quiz
- Student support
  - Club
  - Library
- Communication
- Teamwork
- Metadata
- Interoperability of learning objects

**2008**

Enschede  
WG 2.2 e-Learning  
Chair: Liza Groenendijk  
http://www.itc.nl/fig_elearning2008/  
FIG 2&7

## Workgroup 3: Marketing & Management

Chair: Gert Steinkellner, BEV (Vienna, Austria)  
- Perception of profession  
- Market analysis  
- Experiences in recruitment and marketing  
- Recognition  
- PR  
  - Brochures  
  - Newsletters  
  - Web  
- QM in education and training  
  - ISO, EFQM  
- Networking in education and training  
- Knowledge management in surveying  
- Academic members  
- SEDB  
- IPR  
- ALUMNI and the use its power  
- Continuing professional development  
- Life-long learning services - education and training

**2009**

Vienna  
WG 2.3  
Chair: Gert Steinkellner  
Organising Committee:  
Gert Steinkellner  
Reinfried Mansberger

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Experiences

Information Technology

GI Science

Education

10-15 years from OpenSystems to OpenGIS

10-15 years from islands to interoperability

• Ann Johnson – 2007
• Nick Frunzi – 2008
• Mike Gould – 2009

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Young Surveyors

- WG 1.2 - Students and Young Professionals (a Joint Working Group with Commission 2)