



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



Commission 2 - Professional education

Mission: 2007 – 2010

Improving knowledge infrastructure

Promoting Good Practices

Changes

- Scientific
- Technological
- Organisational

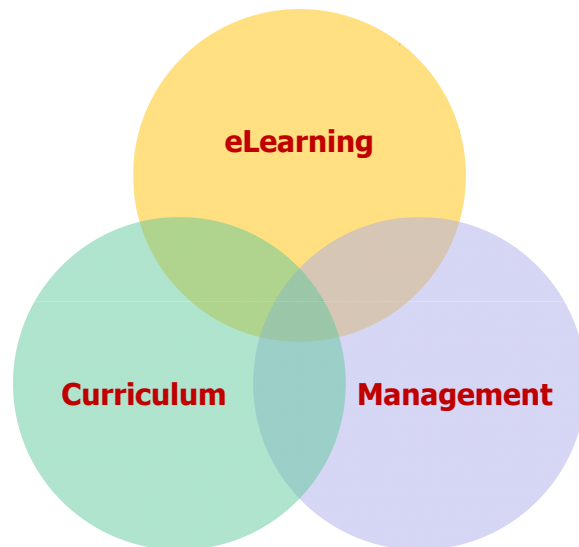
Responses

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



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

WGs



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

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



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

2007



Prague
WG 2.1 - Curriculum
Ales Čepék

http://geoinformatics.fsv.cvut.cz/wiki/index.php/Scientia_Est_Potentia



Scientia Est Potentia

Knowledge is Power

Jubilee Proceedings
Ales Čepék (Ed.)

Prague, 7-9 June 2007

5

Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

Curriculum development

Bologna process
Body of Knowledge
Core Curriculum



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

www.geo.info.hu/fig2



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

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



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

2008

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



Proceedings FIG International Workshop

Sharing Good Practices:
E-learning in Surveying,
Geo-Information Sciences and
Land Administration

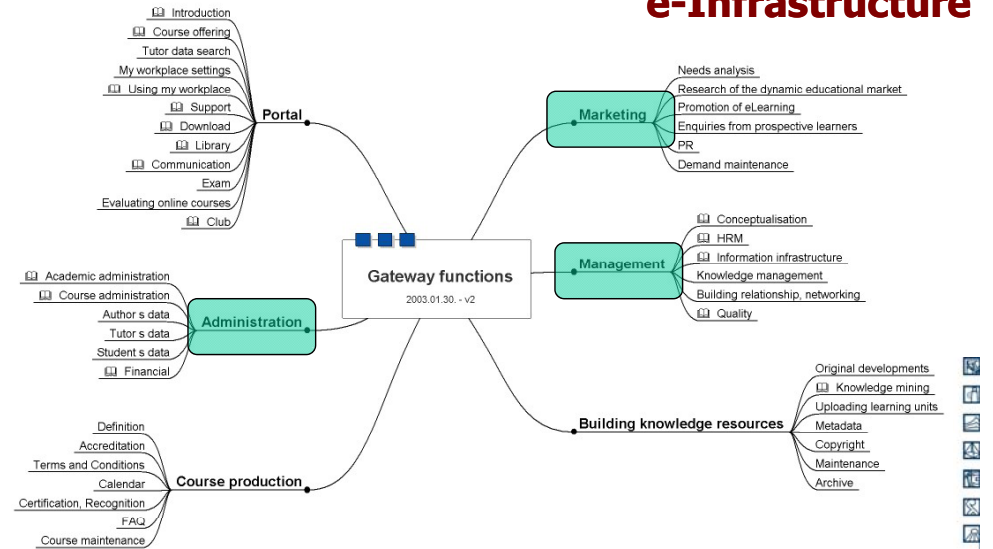
Editors:
Liza Groenendijk
Christiaan Lemmen

11 - 13 June 2008 ITC, Enschede The Netherlands



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009

e-Infrastructure



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009



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



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009



2009

Vienna
WG 2.3
Chair: Gert Steinkellner



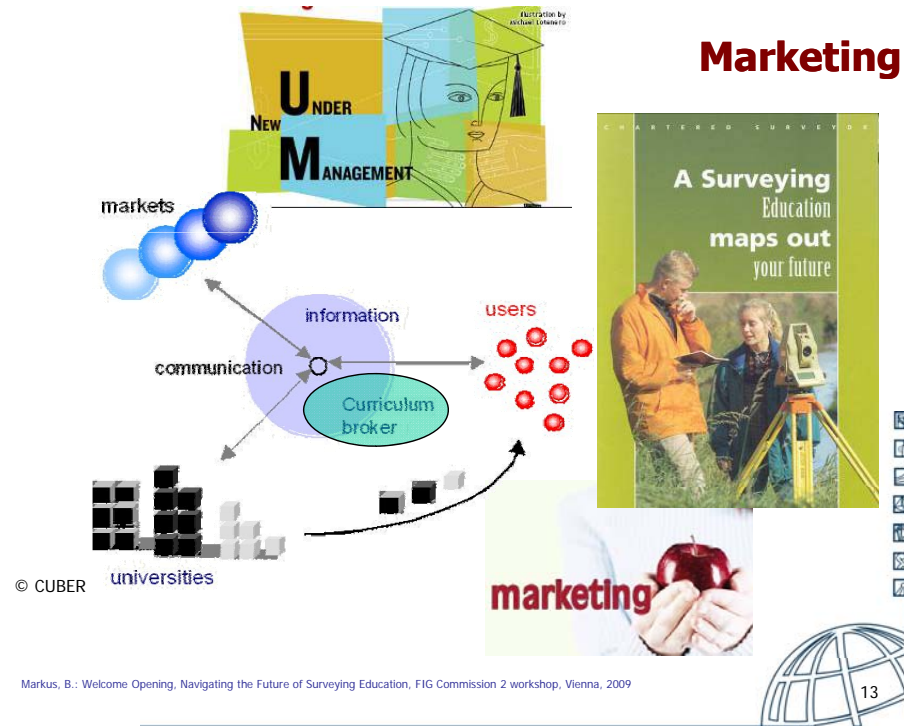
Organising Committee:
Gert Steinkellner
Reinfried Mansberger



Markus, B.: Welcome Opening, Navigating the Future of Surveying Education, FIG Commission 2 workshop, Vienna, 2009



Marketing



4C

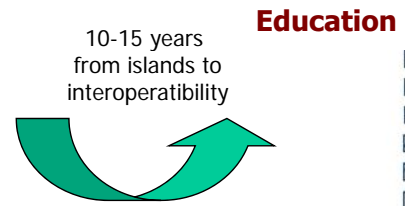
Communication	Co-operation
Competition	Co-ordination

Experiences

Information Technology



GI Science



Education

ESRI

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



Young Surveyors

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

