Navigating the Future of Surveying Education

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

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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) – Steve Frank (US)

- Needs analysis
- Serving the needs <<< the UK / French approach
- Bologna changes <<< Book of Knowledge
  - BSc / MSc / PhD / Professional masters
- Teaching methods
  - PBL <<< Work Based / Experience based Learning
- Quality Management <<<<<<
  - Student feedback
  - Accreditation <<<<<<<<<
- Training
  - Recognition
- Credit Transfer
- Sample Data with Case Studies <<< Brno GIS platform
Workgroup 2: e-Learning

Chair: Liza Groenendijk, ITC (Enschede, Netherlands)

- Tools
- Innovations
- Portals
- Content development
  - Multimedia
  - CBT <<< SQLtutor
  - Quiz
- Student support
  - Club
  - Library
- Communication
- Teamwork
- Metadata <<< ICT supported ... courses
- Interoperability of learning objects

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

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<th>Communication</th>
<th>Co-operation</th>
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<td>Competition</td>
<td>Co-ordination</td>
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Workgroup 4: Real Estate Valuation and Management Education

- Joint WG with Commission 9

Policy Issues

- Surveyors are traditionally well educated to basics of real estate legislation and markets. In the present world requirements for knowledge in real estate are expanding fast. It is not anymore possible to educate surveyors to all traditional tasks in unified programs but the programs have to have real options where students can really specialise in real estate economics. This is needed in the market (thousands of new jobs) and examples of some countries show that this kind of education is possible and also very attractive for students and markets.

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ESRI

- Ann Johnson – 2007
- Nick Frunzi – 2008
- Mike Gould – 2009
- ESRI UC – 2010

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Young Surveyors

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

Eilat 2009
FIG Working Week
Surveyors Key Role in Accelerated Development

New Horizons Across the Red Sea

Eilat, Israel • May 3-8, 2009

9-16 April 2010, Sydney