

**Report to the 29th General Assembly
FIG Congress in Munich, October 2006**

FIG Commission 2 – Professional Education

Draft Work Plan 2007-2010

1. Title

Professional education.

2. Terms of reference

- Curriculum development
- Learning and teaching methods and technologies
- Educational management and marketing
- Continuing professional development
- Networking in education and training

3. Mission Statement

- Promoting good practices
 - Endorsing universities and other educational organisations to explore the needs of society and to manage in a pro-active way the necessary changes in the “knowledge age”.
 - Supporting academic institutions and industry with new methods of knowledge management, helping surveyors continuously to update their academic and professional profiles.
 - Advancing educational business and curriculum tuning processes.
 - Promoting content development experiences, facilitating international researches in surveying education and training and to initiate joint projects on this field (curriculum development, educational material development, joint courses, quality assurance etc.).
 - Strengthening knowledge transfer between FIG Commissions, inspiring activities on knowledge networks.
 - Improving dissemination of information on educational theory and practice to the members across the world.
 - Reinforcing contacts to Educational Commissions of International Organisations on the related professions (ICA, ISPRS, AGILE, IAG etc.)

4. General

The Commission 2 Work Plan 2007-2010 building on the experiences of the previous period tries to fulfil and implement the FIG Council Work Plan. Commission 2 in general aims

- To perform needs analysis of Commission representatives and FIG Academic members
- To develop further the FIG Educational database and facilities using educational and internet standards
- To organize annual seminars on actual topics related to education and training
- To investigate the use of information and communication technology can support networked professional education, like eLearning, educational platforms and portals etc.
- To organise jointly International / Regional Summer Schools for solving problems, filling educational gaps and for building communities within young professionals

The mission and aims will be realized by the following Working Groups

WG 2.1 "Curriculum development"

Quality curriculum and instruction are - as they have always been - the bedrock of education and the way to developing thoughtful and fulfilled professionals. The society, science and technology around our profession are changing rapidly. These changes continuously generate new educational and training needs, which should be responded by educators to ensure that their learners gain knowledge as effectively and efficiently as possible.

WG 2.2 "e-Learning"

To successfully disseminate the knowledge, it is essential to have an up-to-date learning environment. Thanks to the development in information and communication technologies, there have been lots of possibilities and tools re-engineer the classical teaching methods. Because of e-Learning methods are expected to play an increasing role in professional education there is a growing need for knowledge transfer on this field.

WG 2.3 "Educational Management and Marketing"

Knowledge dissemination is not only a methodological / technical problem. Institutes have to own the rights how the published materials may be available for others as well as taking commercial aspects into account. According to the rapidly changing world and demands in professional education business-based survey can help us to manage successful curricula.

5. Working Groups

Working Group 2.1 – Curriculum development

Policy issues

- To help the mobility among professionals, teaching staff and students using credit transfer.
- To support „Bologna” changes (BSc / MSc / PhD / Professional masters) and recognition.
- To facilitate the harmonization of curricula.
- To define a “core knowledge base”.
- To ensure life-long learning with educational and training services.

- To serve the needs in the new professional challenges.
- To exchange ideas on Quality Management and Accreditation.

Chair

NN

Workshop

07-09 June, 2007. Czech Technical University, Prague, Czech Republic.

Final report

It will be given during the Congress in Sydney.

Working Group 2.2 – e-Learning

Policy issues

- To explore the movement from traditional face-to-face teaching towards an integrated learning environment, the changing role of the academic staff.
- To discuss the technical, political, legal, organisational and cultural problems.
- To exchange experiences on content development methods (Multimedia, CBT, Quizzes etc) and student support (Virtual Club / Library, Communication techniques, Teamwork tools).
- To identify the Educational Portal functions
- To disseminate Educational Metadata

Chair

Prof Bela Markus (Szekesfehervar, Hungary), email: mb@geo.info.hu

Workshop

June 2008. Stockholm, (Sweden).

Final report

It will be given during the Congress in Sydney.

Working Group 2.3 – Educational management and marketing

Policy issues

- To observe the new challenges of our profession.
- To survey the needs for academic members providing them with different services.
- To analyse the market and respond by LLL services.
- To disseminate experiences in recruitment and marketing.
- To distribute Quality Management know-how.
- To serve ALUMNI and use its power
- To build twinning and thematic networks.

Chair

Gert Steinkellner (Vienna, Austria), e-mail: gert.steinkellner@bev.gv.at

Workshop

June 2009. Vienna (Austria) or London (UK).

Final report

It will be given during the Congress in Sydney.

FIG Working Weeks are inspired to give general overview on the results of the Working Groups while the above mentioned Commission 2 workshops will focus on details.

6. Communication

Newsletters

Commission 2 will inform its delegates and member associations via Commission newsletter.

Outcomes

By the end of period 2006-2010 we would like to print proceedings on 'The Future of Surveying Education'. This would be the main outcome of four years activity that will include as follows

- Publications in e-Learning
 - Methods
 - Web services
 - Knowledge pool
 - Experiences in Continuing Professional Development and Life-long Learning
- Educational SDI
- Meta-database
- Global and Regional Networks
 - Best practices
 - Workshops
 - Summer schools
 - Joint projects

7. Commission Officers

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Prof. Bela Markus

Chair Elect of Commission 2

July 2006