

FIG Commission 10 – Construction Economics and Management

Period 2011 - 2014

Annual Report 2012

1. Title of Commission 10

Construction Economics and Management

2. Terms of reference

- Construction economics including Quantity Surveying, Building Surveying, Cost Engineering and Management, Estimating and Tendering (Bidding)
- Commercial management including Procurement, Risk Management and Contract Law for construction and non construction activity
- Construction Law and Negotiation
- Building Information Modelling - BIM
- Project and programme management including Planning / Scheduling

3. Beginning of the activity in 2010

The FIG General Assembly elected at its meeting in Sydney, Australia in April 2010, Robert Sinkner as FIG Commission 10 Chair for a four-year term of office 1.1.2011 – 31.12.2014.

▪ Handover Meeting, Copenhagen, 26th November 2010

Handover meeting was visited by many important persons of FIG, mainly the current President Stig Enemark, Honorary Presidents and incoming President CheeHai Teo.

Beginning of the activity of the new Chair – Robert Sinkner was welcomed by incoming President of FIG for 2011 – 2014 and he was ordered by big FIG badge. Andrew Winston Morley, recent Chair of Commission, was present. The new Chair expressed his thanks for the last 4 years period of activity, for the experiences shared from this period and for support for next 4 years.

The main idea for Commission 10 for the new period 2011 – 2014 is to bring the Balance into the FIG Com 10 activity through the persons of 4 Chairs (Commission Officers) of 4 Working Groups:

Geographical: W. + E. Europe / Africa / Asia / Australia / S. + N. America

Development: Developed Countries / Developing Countries

Gender + Age: Male / Female and Youths / Adults

Environmental: Academic / Government / Private

4. List of Activities in 2012

The mission of Commission 10 is:

- To advance the professional practice of surveyors working in all disciplines of Construction Economics, Commercial Management and Project Management
- To research and identify “best practice” of surveyors working in different cultures and economies
- Broaden the activity from “British” part of the world to Middle and East Europe, Asia and Africa etc.
- To bring greater focus to commercial and project management.

Working Week, Italy, Rome, 6th - 10th May, 2011.

The Technical Programme for the Working Week was prepared with the great support from FIG Director Markku Villikka and from the FIG Office.

The Chair of Commission 10 took part at the 1st Young Surveyors Conference on 4th May and at ACCO Meeting on 5th May.

Annual Meeting of Com10 was holding on 6th May, 2012 in Hotel Cavalieri. The Annual Report 2011 and Work Plan for 2012 Plan were introduced to the supporters of Commission 10. The presentation was followed by the interesting discussion about Project management, Green Management, Sustainable Development and Building Information Modelling. The annual meeting was visited by the Vice President Rudolf Staiger.

The Commission Dinner took part in the on 6th May, 2012, from 8:00 p.m. at Ristorante Capperi! (Via Damiano Chiesa 10-12-14, 00136 Rome) and it was organised as a joint dinner with Commissions 7 and 8 with the help of three Italian Young Surveyors. The atmosphere was very relaxed; we spent a very pleasant evening among FIG friends with the local food and drinks.

There were prepared three Technical Sessions for the Working Week for Monday, 7th May, in room Caravaggio, and one Technical Session about BIM (Building Information Modelling) for Wednesday 9th May, The Technical Session brought interesting presentations of the papers followed by the live discussion to the topics. The reaction of the auditorium was perfect, and the best speaker of each session was rewarded by one bottle of the famous Czech beer.

Monday, 7 May, 09:00–10:30, Caravaggio, Rome Cavalieri, TS01C - Construction Economics and Management I, Chair: Robert Šinkner (Czech Republic), Rapporteur: Andrea Massaro (Italy)

Monday, 7 May, 14:00–15:30, Caravaggio, Rome Cavalieri, TS02C - Construction Economics and Management II, Chair: Robert Šinkner (Czech Republic), Rapporteur: Tzena Y C Wong (Hong Kong SAR, China)

Monday, 7 May, 16:00–17:30, Caravaggio, Rome Cavalieri, TS03C - Construction Economics and Management III, Chair: Andrea Massaro (Italy), Rapporteur: Tzena Y C Wong (Hong Kong SAR, China)

Wednesday, 9 May 14:00–15:30, joint TS08J with Com3, BIM – Building Information Modelling, Chair: Ian Greenway (UK), Rapporteur: Robert Sinkner (Czech Republic)

At the TS on Wednesday was presented a paper, which later became an Article of the Month June 2012: Jason Smith, President, Institute of Civil Engineering Surveyors, UK: **BIM – A Contractors Perspective**. Building information modelling (BIM) is an approach to designing and documenting building projects and is gaining acceptance in many jurisdictions across the world. It allows all stakeholders and actors within a building project the seamless link between the owner, the designers, the construction professionals, the master builders and the end users. In an era where our profession works towards managing all information spatially, BIM is an enabling a platform that should bring not only sharing and collaboration, but also avoidance of duplication, timeliness and value adding.

10th Volleyball Tournament for Surveyors 2012, Sobota 19th, May, 2012, hall Czech Technical University (ČVUT), Pod Juliskou, Prague 6 – FIG and FIG Com 10 as a proud sponsor of this popular sport event for Czech and Slovak Surveyors (please see <http://galerie.maestroclub.cz/index.php?id=thumb&dir=2012.05-volejbal-turnaj-gk2012>).

The Chair of Com10 took part at the **International Conference BIM Day 2012, Prague, Tuesday, 12th June**.

For the majority of the scientific community is the concept of BIM rather Spanish village than an ideal tool for their professional activity, and that's why a nonprofit organization "Expert Council for BIM" has set itself the objective to make the Spanish village more clear and "Czech". The organizers promised to answer the many questions and did that - from the transparency of structures, construction, and sustainability through financial savings to the administration buildings. The main lecture "**BIM in UK**" by Dr. Stephen Hamil introduced the National BIM Library (www.nationalbimlibrary.com) and four years of experience from the implementation of BIM in UK.

8th FIG Regional Conference in Montevideo, Uruguay (26th – 29th November, 2012)

Chair of Com 10 took part at the ACCO Meeting prior the Regional Conference and at Technical Programme of Conference. We had one Technical Session with three papers and 25 auditors.

Com 10 is still seeking for the Chair Elect of Com 10 for 2013 and 2014 to be the Chair for 2015-2018.

The Deputy Czech National Delegate of FIG Com 10 Ing. Ivan Turecek took part at the **International Conference BIM2Day 2012 (BIM today – BIM tomorrow), Prague, 29th November, 2012**.

This Conference freely connected to Conference BIM Day in June 2012. The participants suggested the possibility of the introduction of BIM in the world, especially in the UK. At the same time opened up the discussion of the possibilities of the introduction of BIM in the conditions of the other countries.

Cooperation with the AAQS - Africa Association of Quantity Surveyors (www.aaqs.org)

At a built environment congress in 1995 in Harare, Zimbabwe some of the quantity surveying delegates expressed interest in establishing an association for quantity surveyors practising in Africa. In 1999 at Sun City in South Africa the first General Assembly of the Africa Association of Quantity Surveyors ratified a constitution with by-laws and the first council of the AAQS was elected with Mr Len Harris from South Africa the first president.

The Prime objective of AAQS is to unite national bodies of quantity surveyors on the African continent on a democratic basis and to foster co-operative, intellectual, cultural, educational and scientific ties among such bodies.

The **6th General Assembly of AAQS was held on 26th August, 2011 in Mombasa, Kenya**, and Mr. Michael K. Frimpong, the Chair of Working Group 10.3, was elected as a President of this Association. This will helped the cooperation between AAQS and Com 10 and the FIG as a whole. 14th Council placed on 23rd June 2012 in Durban, South Africa under President M K (Michael) Frimpong. Michael decided to stop his activities as a Chair of Working Group 10.3 due to his work for AAQS.

Cooperation with the PAQS - Pacific Association of Quantity Surveyors (www.paqs.net)

The Pacific Association of Quantity Surveyors (PAQS) is an international association of national organizations representing Quantity Surveyors in the Asia and Western Pacific region. The Mission of the PAQS is: The promotion of the practice of quantity Surveying (QS) in the region, The promotion of “best practice” for QS in the region, The promotion of dialogue between member organizations, Encouragement of regional co-operation in the practice of QS, Fostering of research appropriate to the better understanding of building practice in the region, Rendering of assistance to members of member organizations working in each other’s countries.

The 16th PAQS Congress and Board meeting was successfully held in The Empire Hotel, Brunei Darussalam from 7 to 10 July 2012. For the very first time the Surveying Division of PUJA (B) hosted one of the most significant events for the Quantity Surveyors in the Pacific Region. The theme of the congress was Innovation and Sustainability: Challenges and Opportunities. Kindly view this website, <http://www.paqs2012.com>. Vice Chair and Chair of WG 10.4 – Green Management, Mr. Hock Hai Kwan, became a member of Research Committee of PAQS and decided to get decreased his activities as a Chair of WG 10.4 due to the big amount of work for PAQS.

Memorandum of Understanding between THE PACIFIC ASSOCIATION OF QUANTITY SURVEYORS (PAQS, www.paqs.net) and THE INTERNATIONAL FEDERATION OF SURVEYORS (FIG) was accepted by the General Assembly. The Chair of Working Group 10.4., Mr. Hock Hai Kwan, was delegated to develop this cooperation.

Cooperation with ICEC - the International Cost Engineering Council (www.icoste.org)

The International Cost Engineering Council (ICEC) is a non-political and non-profit organization which was founded in 1976 with the object of promoting cooperation between national and multinational cost engineering, quantity surveying and project management organizations worldwide for their mutual wellbeing and that of their individual members. ICEC office holders are members of an ICEC member association and are elected for a two year period. The term of the current officers will end in June 2014. The current ICEC Chair is Mr. Carsten Wredstrøm from Denmark. Mr. Carsten Wredstrøm is invited to the Working Week in Abuja to follow our activities.

5. Working Groups

Every Chair of Working Group will prepare Report at FIG Working Week outlining activity and progress. Due to the other activities of the Chairs of Working Groups 10.3 and 10.4 for AAQS and PAQS we supposed to stop the programme of these Working Groups.

Working Group 10.1 - Construction Economics

Working Group 10.2 - Commercial Management

Working Group 10.3 - Project and Programme Management

Working Group 10.4 – Green Management

6. Calendar of incoming Events

- Full participation at FIG Working Week and Congress: 2013 Abuja, Nigeria, 2014 Kuala Lumpur, Malaysia
- FIG strategic meetings
- Annual Meeting of FIG Commission 10 – Prague, Czech Republic, 2013
- Meetings of Sister Associations
- ICEC: The AIQS, AACE International & ACES will be holding this collaborative conference on 7 March 2013 in Perth, Australia. The title of the conference is: Project Cost Management: Control at the Interface with BIM.
- 17th PAQS 2013 will be held on 18-21 May 2013 at Xi'an, China and is well advertised at <http://www.paqs2013.cn>
- AAQS Council Meeting, October /November 2013 in Lagos, Nigeria

7. Commission Officers – recent contacts (actualisation)

Commission Chair

Mr. Robert Sinkner

1st Vice Chairman of the Czech Union of Surveyors and Cartographers

Director and Vice Chairman of the Board, GEFOS a.s.

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Vice Chair of Administration and Communication

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Vice Chair and Chair of WG 10.1 - Construction Economics

Ms Sara J. Wilkinson

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Vice Chair and Chair of WG 10.3 - Project and Programme Management

Mr. Michael K. Frimpong

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President of AAQS (from 2011)

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Vice Chair and Chair of WG 10.4 – Green Management

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An “unofficial photo page” of FIG Commission 10 you can find at the address

<http://figcom10.rajce.idnes.cz>

Ing. Robert Šinkner, MBA

Chair, FIG Commission 10

www.fig.net/commission10

Czech Republic, February 2013