

**Report to the 41st General Assembly
FIG Congress 2018, Istanbul, Turkey**

**FIG Commission 10 – CONSTRUCTION ECONOMICS AND
MANAGEMENT**

Report of Activities 2017

1. General

Commission 10 intends to leverage on FIG's network of members organisations to promote the profession of QS/CE and PM/CM which are either non-existent or lacking in many countries especially the under-developed and developing countries. There are also developed countries that do not have the profession of QS/CE or PM/CM. Specific activities aimed at these countries include development of standards for construction and cost management and contribution to appropriate Continuing Professional Development programmes.

In 2017 we see the successful launch of the International Construction Measurement Standard (ICMS) which will see a signification harmonisation of the practice of construction cost reporting across the globe in the years to come. The interest among FIG members on Building Information Modelling (BIM) continues to grow and the Pre-Working Week Conference on BIM has drawn large crowd.

2. Working Groups

2.1 Working Group 10.1 – International Construction Measurement Standards

Following the launch of draft standard for public consultation on 11 November 2016 at RICS Headquarters, London, more comments were received. Subsequently the second draft for public consultation was issued in Mid-March 2017 and consultation period closed on 31 May 2017. The draft ICMS was well received and several constructive comments were received when dateline for receiving comments for the final draft closed on 31 May 2017.

Consequently the SSC further finetuned the final draft with the comments received and publish the final draft to the Trustee in June 2017. The ICMS was published and launched at the annual congress of Pacific Association of Quantity Surveyors (PAQS) held in Vancouver, Canada from 24 to 26 July 2017.

With the publication of ICMS we hope that there will be consistency in reporting of construction cost across the entire world.

The Trustee of ICMS Coalition has reconstituted the Standard Setting Committee (SSC) and has mandated the SSC to review the current edition of ICMS incorporating comments from the market.

The SSC had just commenced its first meeting on 16 March 2018 and will over the next 12 months work towards the publication of the 2nd Edition of ICMS incorporating additional project categories for civil engineering works, life cycle costing and reformat the standard to ensure it is easy for data capture digitally.

2.2 Working Group 10.2 – Building Information Modelling

Building Information Modelling (BIM) is changing the way how surveyors work, think, collaborate and make money. Using and sharing multidimensional digital representations of buildings are the driving forces for the digitalization of our work. This affects many tasks surveyors and GIS professionals perform, e. g. cost estimation, GIS analysis, engineering surveying, construction work, land management and facilities management.

Following great interest on the development and application of BIM at previous FIG Working Weeks, the Working Group organised a Pre-Working Week Workshop on BIM in Helsinki.

The workshop covered:

- Teaching theoretical background of the BIM method (concepts, workflows and standards).
- Best practice presentations from large projects and SME (from surveyor's point of view).
- Presentation of the latest software (surveying, integration and collaboration with BIM, CAD, GIS).

The Workshop attracted strong participation from professionals of engineering and surveying companies, land administration agencies, academics from different countries and also students and young professionals from the FIG Young Surveyors Network.

Following this, the Working Group also organised a Round-Table discussion among key executives of vendors and users of BIM and has resulted in several proposals for the development of BIM agenda in FIG.

Based on this success, the Working Group will again be organising a similar workshop before the FIG Congress in Istanbul.

The Commission has also proposed to publish "BIM for Surveyors", a compilation of selected essays and technical papers by professionals and experts in the field. The application for such publication has been sent to the Council and is awaiting approval from the Council.

2.3 Working Group 10.3 – Education and Research

The profession of QS/CE is new or non-existent in some countries, both developed and developing countries. Commission 10 hopes to use its network and platform to influence policy makes to consider the use of QS/CE for developmental projects and as such the need to build competencies and human capital in this specialised field.

Commission 10 has developed the core competency standard for the QS/CE profession. The application for the publication of the QS/CE Core Competency Standard has been forwarded to the Council and is awaiting approval from the Council.

3. Cooperation

Within FIG, Commission 10 enjoys good co-operation from other commissions particularly Commission 1 on Professional Practice, Commission 2 on Professional Education, Commission 6 on Engineering Surveys and Commission 8 on Spatial Planning & Development.

Externally Commission 10 has excellent collaboration with other professional organisations involved in QS/CE, PM/CM, such as RICS, ICEC, PAQS, CEEC, AAQS, PMI and other similar organisations.

4. Events

1. Pre-Congress Workshop entitled “BIM for Surveyors” to be held on 06 May 2018 in Istanbul.

5. Other highlights

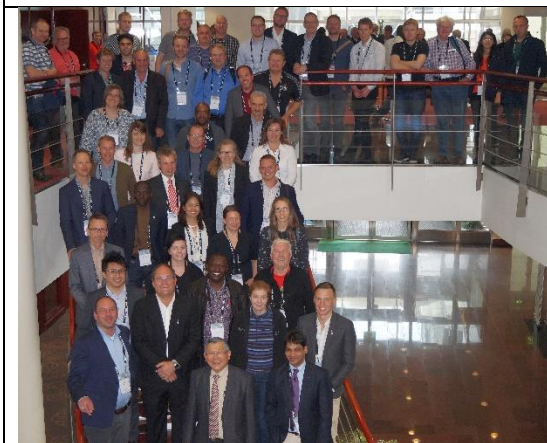
See photographs attached below:



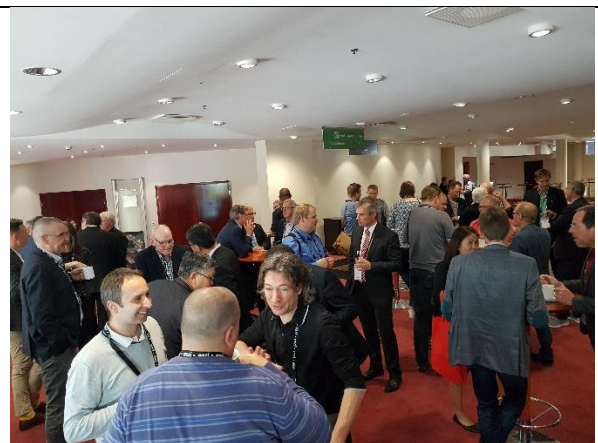
Launch of ICMS in Vancouver (July 2018)



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Participants of BIM Workshop in Helsinki (May 2017)



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