

Report to the 40<sup>th</sup> General Assembly  
FIG Working Week 2017, Helsinki, Finland

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

**Report of Activities 2016**

**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 2016 we see a significant progress in the development 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.

**2. Working Groups**

**2.1 Working Group 10.1 – International Construction Measurement Standards**

In the last 12 months significant progress has been achieved in the development of ICMS. The Standard Setting Committee (SSC) which I chair held regular meetings via tele-conferencing with its first physical meeting held on 5-6 March 2016 in Brussels hosted by the European Commission. Much had been achieved at this meeting with the framework for the ICMS established and the drafting group was ready to go away to prepare the first draft of the ICMS. The first draft of ICMS was completed and circulated to the members and friends of the ICMS Coalition for comment in August 2016. With the comments received the SSC proceeded to finetune the draft.

The final draft of ICMS was completed at the end of October 2016. Trustees of ICMS and the members of the SSC met in London on 10 November 2016 and the final draft of the ICMS was launched for public consultation at a ceremony held at RICS Headquarters at Parliament Square, London. The dateline for receiving comments for the final draft is 15 January 2017.

The SSC intends to further finetune the final draft with the comments received and publish for the final public consultation in Mid-March 2017. The Trustee of ICMS intends to publish and

launch the ICMS at the annual congress Asia-Pacific Association of Quantity Surveyors (PAQS) to be 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.

## **2.2 Working Group 10.2 – Building Information Modelling**

Building Information Modeling (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 the Kuala Lumpur Congress (2014) and the last two Working Weeks in Sofia (2015) and Christchurch (2016), the BIM Working Group has decided to organise a Pre-WW Workshop in Helsinki on 28 May 2017.

The scope of the workshop will cover:

- 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).

Our target audience are professionals from engineering and surveying companies, land administration agencies, academics from different countries and also students and young professionals from the FIG Young Surveyors Network.

## **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 draft competency standard will be deliberated at the Working Week in Helsinki. Once agreed the standard will be presented to the Council for publication.

### 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-WW Workshop entitled “BIM for Surveyors” to be held on 28 May 2017 in Helsinki,
2. Launching of ICMS at the PAQS Congress in Vancouver, Canada from 24 to 26 July 2017.

### 5. Communication and publications

As mentioned above, subject to approval by the Council we intend to publish the FIG Core Competency Standard for Quantity Surveyors and Cost Engineers.

### 6. Other highlights

See photographs attached below:

	
<p>Conferment of Honorary Doctor of Science to Chair of Commission 10 (February 2016)</p>	<p>ICMS Standard Setting Committee meets at the European Commission, Brussels (March 2016)</p>

	
<p>Commission 10 Technical session at 2016 WW in Christchurch (May 2016)</p>	<p>Standard Setting Committee meeting in London (November 2016)</p>
	
<p>Launching of Draft ICMS for public consultation in London (11 Nov 2016)</p>	<p>Trustees and SSC members of ICMS Coalition (November 2016)</p>