

FIG WORKING WEEK 2017

Surveying the world of tomorrow -

Helsinki Finland 29 May - 2 June 2017

From digitalisation to augmented reality

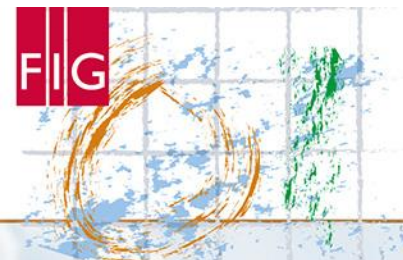
See Liang Ong Commission 10 Construction Economics & Management

FIG Working Week
Helsinki 2017



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Commission 10 Overview

International Construction Measurement Standard (ICMS)

Commission 10 Work Plan 2015 - 2018

Promoting Construction Economics & Management

Building Information Modelling (BIM)



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International Construction Measurement Standard (ICMS)

- **Launch of ICMS Coalition in June 2015 at the IMF Washington**
- **First face-to-face meeting of SSC in March 2016 at the European Commission, Brussels**
- **First draft for consultation with "friends and families" of ICMS coalition in August 2016**



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International Construction Measurement Standard (ICMS)

- **First Public Consultation of the draft ICMS launched in November 2016 in London.**
- **Second Public Consultation of the draft from March to 1 May 2017.**
- **Official worldwide launch of ICMS in July 2017 at the 21st PAQS Congress, Vancouver, Canada**



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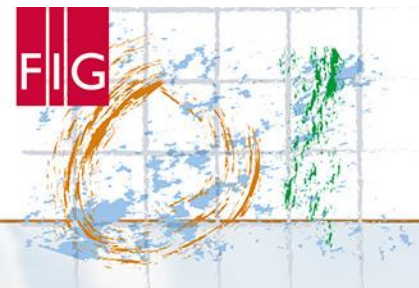


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BUILDING INFORMATION MODELLING (BIM)

- BIM continues to be an important topic at the FIG working week as this technology continues to advance.
- Following great interest on the development and application of BIM, the BIM Working Group (chaired by Dr. Clemen Christian) has decided to organise a full day Pre-WW Workshop on BIM for Surveyors in Helsinki on 28 May 2017.
- A round table on BIM is also arranged on 31 May 2017. The round table will be co-chaired by Dr. Clemen Christian and Dr. SL Ong

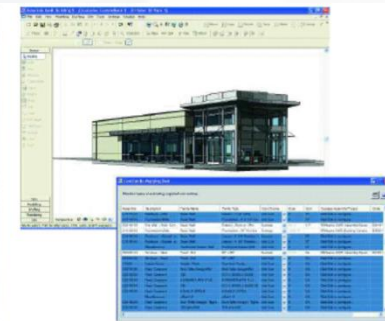


Figure 1: Traditional cost estimating take-off vs. BIM-based quantification¹



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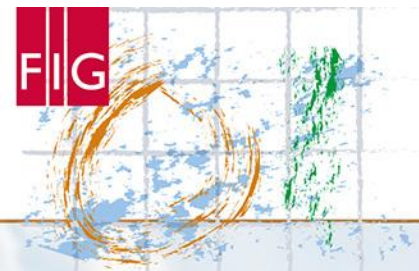


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PROMOTION OF THE PROFESSION OF CONSTRUCTION SURVEYORS (QS/CE/PM)

- **Commission 10 through 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.**



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