

**Report to the 44th General Assembly
FIG e-Working Week 2021, Amsterdam, the Netherlands**

FIG Commission 10/Network – Construction Economics and Management

Report of Activities 2020

1. General

Primarily, Commission 10 has used the revised and updated publication of ICMS to develop the work of FIG in this discipline worldwide, through a connected network of stakeholder bodies, governments and practitioners.

Together with my two vice-chairs, ICMS has been disseminated worldwide including extensive conference events with the European Commission, other ICMS coalition members, universities throughout the world, , the Department for Transport in the UK, the National Audit Office in the UK, Infrastructure Ontario in Canada, Infrastructure Australia, the UAE and Omani government's, the International Airline Transport Association and various global professional consultancies.

FIG is a member of the ICMS coalition and part of the agreed role of Commission 10 is to disseminate and advocate the use of ICMS (updated September 2019) with FIG stakeholders worldwide. As a global surveying body operating in the construction and infrastructure sector, FIG can be an important catalyst in promoting the use of ICMS with NGO's, governments and end users, as well as the profession. Greater use of these standards will allow more consistent and standardized global construction cost reporting and the ability to collect and share data in a standardized form.

There is also much collateral developing for ICMS which we would encourage FIG to promote. This includes a User Guide, mapping to national, granular, cost measurement standards, examples of ICMS in use and standard Excel templates.

In addition, work has begun on developing a 3rd Edition of ICMS which will add carbon metrics to the standards. Construction accounts for approximately 40% of total global carbon emission and therefore standards for reporting embodied, operational and construction site use are much needed. Publication of the 3rd Edition is expected by the end of 2021.

Through these efforts, ICMS continues to achieve good adoption worldwide and now promises to connect to the UN sustainability goals as carbon metrics are added to the standards.

2. Working Groups

Working Group	Progress since the endorsement of Work Plan in FIGWW in Hanoi in April 2019	Activities / Events / Meetings / Seminars etc. to be organized or Publications to be released	Any issues that need to be addressed to the Council
Working Group 10.1 – ICMS	ICMS 2 was published in September 2019. Survey of ICMS use in Africa instigated. Work on ICMS 3 (carbon metrics) has also begun.	e-Working Week 2021 will include a session on ICMS. ICMS has now been embedded in global construction practice through wide adoption.	Encourage all members of FIG to introduce the concept of ICMS into their conversations with NGO's, governments and end users. Part of this effort obviously involves communication of the standards through the FIG website. Some feedback for FIG is that, quantity surveyors who attended WW2019, queried the commitment of FIG to their surveying specific discipline – this is partly the challenge for Commission 10, of course, but any help we can gain from FIG administration in furthering the cause of Commission 10 will be greatly appreciated.
Working Group 10.2 – Digital Construction	Using FIG feedback and channels, RICS published an Insight Paper on the ' <i>The Future of BIM</i> ' which has gained wide engagement (future-of-bim_1st-edition.pdf (rics.org)).	.	Sensitization to body members who fall under Commission 10
Working Group 10.3 – Education and Research	Social Value in Infrastructure and Benchmarking in Infrastructure Insight Papers issued: measuring-social-value_1st-edition.pdf (rics.org) benchmarking-in-the-infrastructure-sector---1st-edition.pdf (rics.org)		

3. Cooperation

Commission 10, through the ICMS coalition, co-operates with 48 other professional global professional construction bodies.

4. Events

1. FIG Hanoi conference and BIM session

I understand that the Commission 10 events during WW2019 were better attended than normal and I also understand that the BIM session was a success. In particular and based upon the good representation for Commission 10 from Africa at WW2019, we have been able to extend the use and debate on ICMS in the African market. Some feedback for FIG is that, quantity surveyors who attended WW2019, queried the commitment of FIG to their surveying specific discipline – this is partly the challenge for Commission 10, of course, but any help we can gain from FIG administration in furthering the cause of Commission 10 will be greatly appreciated.

2. Workshop participation on ICMS in Nigeria in March 2020.

5. Communication and publications

ICMS 2, covering life cycle costs, launched in September 2019.

ICMS Documents distributed to African Association of Quantity Surveyors