
**Report to the 47th General Assembly
FIG Working Week 2024, 19th -24th May 2024, Accra, Ghana**

FIG Commission 10/ Construction Economics and Management

REPORT OF ACTIVITIES 2023-2024

1. General

The report of activities of commission 10 – Construction Economics and Management featuring the summary of the work plan as approved by the governing council, activities of the commission and her working groups, communication, publications, and collaboration with affiliate international organizations.

The appointment of working group chairs was successfully done and representatives from member associations were appointed to support the task of the groups. The work group leaders held series of meetings to plan their activities and worked closely as a team to achieve some of the activities scheduled for the year 2023.

The commission also nominated a representative on the FIG taskforce on Sustainable Development Goals and Climate Compass. The commission organized two (2) webinars focusing on roadmap for effective construction economics and management and implementation of ICMS in Malaysia. We successfully published Commission 10 Newsletter for effective information dissemination of Commission 10 activities. We also held Commission Meeting in Orlando, Florida.

2. Working Groups

2.1.1 Workgroup 10.1 - Digital Technologies in Construction

Working group 1 whose task focuses on digital technologies in construction intend to explore the requisite knowlegde on the use of evolving digital technologies in construction such as Building Information Modelling (BIM), Drones, Artificial Intelligence (AI), 3D Printing and the likes that will increase the efficiency and accuracy of construction projects. Digital Technology improves planning, designs, construction and real-time monitoring of building performances and ultimately enhances better integration of all construction processes. The Working Group has organised a pre-event workshop for Accra, Ghana tagged "**BIM FOR SURVEYORS**" and also creating a whatsapp group for ease of discussion on the topic. There are plans to activate virtual

session in the year 2024 and to sustain engagement and dissemination of knowledge on the focus of the working group.

2.1.2 Workgroup 10.2 - Sustainable Construction in the Built Environment

Sustainability has gained importance in global affairs and so has sustainable construction. This workgroup is expected to lead the direction of the future of sustainability in the Built Environment. Sustainable Construction involves the efficient use of resources for economic growth and social progress that meets the needs of those concerned, whilst protecting the environment. The group suffered setback in the year under review but efforts are being made to progress better in the coming year.

2.1.3 Workgroup 10.3 – Cost Information Management

This working group is set up to examine the most appropriate Cost Information Management systems that enhance good business decisions and growth for both public and private organisations. The commission in collaboration with Royal Institution of Surveyors Malaysia organised a webinar on the topic, "Implementation of ICMS in Malaysia: A Worked Example" on the 18th January 2024 and also published a research article on Balancing Sustainability, Smart Cities and Digitalisation: Insights from a Quantity Surveyor's perspective, by Ts Sr Dr. Nadzirah Hj, Zainordin and Ts Sr Khoo Sui Lai (Eric Khoo), School of Architecture & Built Environment, UCSI KL.

2.1.4 Workgroup 10.4 – Commercial and Project Management

Working Group 4 strives to capitalize on emerging trends in construction project management, with a specific focus on profitable aspects of managing projects and programs. The group utilizes their WhatsApp platform for information sharing and discussions to enhance members' knowledge. The workgroup has outlined a plan to execute key strategic activities in the upcoming calendar period

3. Cooperation

The secretariat's records indicate the presence of approximately twelve (12) member associations within the commission. However, only a limited number of members have actively participated in the year's activities. Efforts are currently underway to engage non-active member associations, and to update the contact information of member association representatives in order to strengthen collaborative relationships.

The Commission holds existing reciprocity and partnership agreements with regional and continental bodies, namely the International Cost Engineering Councils (ICEC), Pacific Association of Quantity Surveyors (PAQS), African Association of Quantity Surveyors (AAQS), and Commonwealth Association of Surveying and Land Economy (CASLE). Nevertheless, there are plans to renew the partnership agreements, promote collaborative initiatives that can enhance relationships, knowledge exchange programs, and networking across the continent.

4. Events

During the reviewed period, Commission 10 successfully organized a virtual webinar on December 9, 2023, addressing the topic, "**Roadmap for Effective Construction Economics and Management.**" In this session, all workgroup chairs introduced their programmes, plans and activities to participants. The webinar attracted attendees from various parts of the world, allowing them to enhance their knowledge with new innovative approaches and facilitating networking among members. Similarly a webinar on **Worked Examples of Implementation of International Cost Measurement Standard (ICMS) in Malaysia** was organised.

The commission has organized a pre-event workshop in Ghana on "**BIM for Surveyors**" along with three (3) Technical Sessions on "**The Future Vision of BIM**", "**Smart Construction Approaches to Sustainable Development**" and "**Construction Contract Management**" **Commission Meeting, Commission Dinner** and other activities for the FIG Conference which will be taking place in Accra. Ghana

5. Communication and publications

The commission re-activated the production of newsletter in the year 2023 which was published on the FIG website. The newsletter provided records of activities of the commission at the FIG 2023 Conference at Orlando, USA, information on the Working Groups, Knowledge Areas, and activities of some member bodies under the commission within the year.

A LinkedIn page was activated by the Federation for the commission, and currently has a hundred and thirty followers and the numbers keep growing by the day. A general WhatsApp group was created for ease of communication and interaction amongst members. Each of the workgroup has a designated WhatsApp group to enable them to discuss topical issues unique to the actualization of the plan of the workgroup. The communication channels have provided opportunities for member associations to disseminate information on activities within their organization.

WhatsApp group link: <https://chat.whatsapp.com/Bn93024HO705kzEzgMzww6>

LinkedIn page link: <https://www.linkedin.com/showcase/fig-commission-10-construction-economics-and-management/>

6. Other Highlights

The commission leaders intend to continue to build on the existing relationship with her member professional bodies, and hope to make progress on a new trajectory towards the actualization of the vision of FIG, renew bilateral partnership agreements with her sister organizations, sustain webinar sessions and make the best use of technology inclusion of social media engagement to achieve her plans. The commission will foster relationship with task force and other commissions in driving her plans as well.

FIG COMMISSION 10 EXECUTIVES

QS MERY T. IYORTYER (Nigeria)

FIG Commission 10 Chairperson
Email: FIGCommission10@fig.net
Email: miyortyer@gmail.com

PROF. CHRISTIAN CLEMEN (Germany)

Chair of Working Group 10.1
Email: christian.clemen@htw-dresden.de

QS KWADWO OSEI-ASANTE (Ghana)

Chair of Working Group 10.2
Email: oseiaikh@yahoo.com

ING. ROBERT SINKNER (Czech Rep.)

Vice Chair Administration/Secretary
Email: sinkner@tkpgeo.cz

TS. SR KHOO SUI LAI ERIC (Malaysia)

Chair of Working Group 10.3
Email: KhooSL@ucsiuniversity.edu.my

QS BOLAJI SOTUNDE (Nigeria)

Chair of Working Group 10.4
Email: sotundebolaji@gmail.com