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The committee is committed to equipping engineers with the tools and ethical framework necessary to lead the digital transformation of infrastructure. Through innovation, education, and global collaboration, CIC strengthens engineering's contribution to building resilient, connected, and inclusive societies in line with WFEO and UN values.

**Wael Abdulmajeed,
Chair of CIC,
Iraqi Engineers' Union**

CIC, officially hosted by the Iraqi Engineers Union since 2024, has revitalized its mandate to promote innovation and sustainability in the engineering application of Information and Communication Technologies (ICT). The committee's work during this biennium has been dedicated to building digital resilience, smart infrastructure, and ethical practices in support of the UN Sustainable Development Goals.

In August 2024, CIC relaunched its activities with the online lecture "Aruba Wireless Network", delivered by Dr. Laith Al-Mayyahi from Algonquin College and Carleton University. The event, organized in cooperation with the Iraqi Engineers' Union, focused on advanced wireless technologies and their applications in modern engineering systems and smart city connectivity.

The CIC also took part in the 3rd Salah Engineering Forum (1-2 September 2024, Oman), where CIC Chair Dr. Wael R. Abdulmajeed delivered a keynote presentation on the role of engineers in advancing digital infrastructure for sustainable urban development.



SUSTAINABLE DEVELOPMENT GOALS



The CIC promoted smart infrastructure and digital engineering innovation through international webinars and participation in planning for the 2025 Global Engineering Conference. The committee also engaged with the International Center of Big Data for Sustainable Development Goals (CBAS) to explore data-driven solutions for sustainable infrastructure and ICT applications.



The CIC supported wireless connectivity, AI governance, and cybersecurity initiatives aimed at enhancing digital resilience in urban environments. Its activities and forums emphasized ethical ICT practices and inclusive approaches to technology for safer, more sustainable cities.

The CIC also contributed to the World Engineering Day 2025 by participating in engineering innovation themes and supporting WFEO-wide engagement in promoting digital transformation for sustainability.

CIC actively participated in two key strategic coordination meetings that strengthened its alignment with WFEO's global initiatives.

The first was the WFEO-CBAS Virtual Planning Meeting, held on 7 February 2025, co-chaired by WFEO President Mustafa Shehu and CBAS Special Advisor Professor Gretchen Kalonji.

The meeting brought together WFEO leaders and representatives of the International Research Center of Big Data for the Sustainable Development Goals (CBAS) to explore joint activities. CIC contributed to discussions on digital transformation, particularly the role of engineers in applying ICT solutions for sustainable development in Africa.

The committee emphasized the need for ethical AI, smart infrastructure, and data-driven engineering practices in post-conflict and underserved regions.

Key achievements

The CIC launched its first activity with the Aruba Wireless Network webinar. It presented at the 3rd Salalah Engineering Forum, contributed to World Engineering Day 2025, and participated in WFEO-CBAS and WFEO-CAST coordination meetings.

CIC is co-organizing the Artificial Intelligence and Information & Communication Forums at the upcoming GEC in Oct. at Shanghai in partnership with the China Institute of Communications, where its members will present technical papers.

The second major engagement was the WFEO-CAST GEC Parallel Forums Chairs Coordination Meeting, held on 20 May 2025. Chaired by WFEO Past President Gong Ke and organized by the China Association for Science and Technology (CAST), this meeting focused on the detailed planning of the WFEO General Assembly and the Global Engineering Conference (GEC), which will take place from 12 to 17 October in Shanghai, China.

The CIC participated in shaping the agenda for the GEC parallel technical forums. CIC proposed the inclusion of smart infrastructure, cybersecurity, and data ethics as key engineering themes. The committee also expressed its readiness to support the technical content and speaker recruitment for the Shanghai conference.



Dr. Wael Abdulmajeed at the 2024 International Engineering Congress, Taizhou, China, 8 to 9 November 2024