



**Ramy AHMED FATHY**  
**U4SSC Vice-Chairmen**

Dr. Ramy Ahmed Fathy is a senior executive, with 20+ years of technology and regulatory experience in ICT, leading large-scale digital initiatives that span digital technology, and policy spaces. He serves on the board of several government institutions overseeing large-scale projects in the ICT and aerospace sectors, bringing his cross-vertical expertise in the teleco/digital domains.

In his capacity as Sector Head of Strategic Planning at the Egyptian Telecom Regulatory Authority (NTRA), Fathy is spearheading teams tackling core regulatory functions including strategy and market development, market analysis, economic analysis, cost-benefit analysis for rule makings, regulatory impact assessment, standardization and technical aspects, international policies, cooperation and partnerships, research & development, and Industry 4.0 planning. Over the span of his career, Fathy has overseen the development and implementation of large-scale projects with multiple stakeholders in areas like smart cities, smart mobility solutions and intelligent transportation systems, augmented and virtual reality, digital agriculture, smart water management, aerospace, energy metering and distribution, robotics, embedded systems, IoT, 5G, and AI. He has done advisory work on advanced ICT/Digital solutions design and standards-based implementations with an emphasis on security, interoperability, and integration.

In addition to his responsibilities in overseeing a diverse portfolio of projects in multiple vertical sectors, Fathy is leading a team that is promoting investments in the ICT sector to further diversify Egypt's ICT economy, exploring opportunities for vibrant industrial, research and commercial clusters and addressing their market entry barriers. He is sealing partnerships with world-class global organisations to explore synergies and mutual collaboration opportunities.

Fathy tackles techno-policy and standardization issues in international telecommunications through his engagements in multiple industry and global telecommunications development platforms including the ITU, the IEEE, the World Bank, and OECD, among others, advocating governance, economic sustainability, interoperability, systems resilience and scalability. He is currently serving in the ITU Council in addition to being the Vice-Chair of the Independent Management Advisory Committee (IMAC) Selection Committee. The purpose of the IMAC, as a subsidiary body of the ITU Council, is to serve in an expert advisory capacity and assists the Council and the Secretary-General in fulfilling their governance responsibilities, including ensuring the effectiveness of ITU's internal control systems, risk management and governance processes.

Fathy has been serving as Vice Chairman of ITU-T Study Group 20 (SG20) for the past 8 years, leading international standardization efforts on IoT and its applications including smart cities and communities. In March 2022, he played a key role in the establishment of an ITU/FAO Focus Group on "Artificial Intelligence (AI) and Internet of Things (IoT) for Digital Agriculture" (FG-AI4A). As co-Chair of the group, he has been leading along with an international team of experts, the research on the use of emerging technologies including AI and IoT, to support optimized agricultural production and management processes.

Furthermore, Fathy currently serves as the Chairman of Regional Group Africa of ITU-T Study Group 20 (SG20RG-AFR), whereby he is driving the standardization and smart city development efforts within the African context. Moreover, he has joined the IEC-ISO-ITU Joint Smart Cities Task Force (J-SCTF) as an expert member, focusing on international harmonization and collaboration efforts to develop implementable smart cities standards that have an utmost impact of achieving the SDGs in cities and communities. Additionally, he is currently serving as board member in the IEEE Standards Association Standardization Board (SASB) as well as a member in two of its standing committees, the New Standards Committee (NesCom) and the Procedures Committee (ProCom).