

**UN Second Multi-Stakeholder Forum  
on  
Science, Technology and Innovation**

**Side Event  
Science, Engineering and Technology for Smart, Sustainable Cities and  
Human Settlements**

**Organized by:** World Federation of Engineering Societies (WFEO) - lead with the International Council for Science (ICSU) and the International Social Science Council (ISSC)

**Date and time:** 15 May 2017; 1:15 - 2:30 PM

**Venue:** Conference Room B in the UN Conference Building

**Description:** The global megatrend of urbanization is a challenge that impacts all the Sustainable Development Goals. Urbanization can be a powerful force to advance all three aspects of a transition to sustainable development – social, economic and environmental. Innovation from scientists, architects, engineers, and many other stakeholders can and is being leveraged to design, build, operate and maintain current and future urban, peri-urban and rural human settlements. In the wake of Habitat III and the outcomes of the New Urban Agenda, the UN High Level Political Forum on Sustainable Development is focusing on “transformation towards sustainable and resilient societies”. In this context partnerships for implementation and delivery of urbanization solutions must rely on the broader community of knowledge and infrastructure producers, users and stakeholders (<http://globalurbancommons.org/knowledge-sustainable-urban-development/>). Complemented by good governance and investment capital, science, engineering and technology are seminal assets required to meet the challenges of these giant urban, peri-urban and rural communities which are also crucibles of politics, commerce, education and innovation but often plagued by grinding poverty and slums, particularly in much of the developing world. Scientists and engineers will be critical in developing sustainable policies and strategies for smart cities but will also be responsible for the design and implementation of solutions. To that end, this side event can facilitate dialogue and critical thinking among relevant stakeholders and prospective partners. The event will present international initiatives for capacity-building and integrated solutions for smart, resilient and sustainable cities and human settlements being undertaken by governments, business, academia and the NGO community.

**1:15 to 1:20PM Moderator & Welcome- Reginald Vachon - Executive Board & Treasurer WFEO Speakers:**

**1:20 to 1:40 PM Connectivity for an Urban, Peri-Urban, Rural Continuum - Andrew Reynolds – Advisor to President WFEO, Adjunct Professor University of Virginia & Formerly US Department of State**

**1:40 to 2:00 PM Construction and Evaluation of New Smart City- WeiFeng Lyu Professor Beihang University**

**2:00 to 2:15 PM**      **Summary - William Kelly** - WFEO UN Relations Committee Former  
Dean of Engineering Catholic University of America

**2:15 to 2:30 PM**      **Discussion** - Panelists answer questions and audience dialog

**Supported by:** WFEO UN Relations Committee – WURC, AAES IntAC Task Force on Global  
Sustainability, ASCE Planning Committee on Global Sustainability and ASME.