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ANSI Workshop: Smart and Sustainable Cities

SMART SUSTAINABLE CITIES

November 21, 2013

9:00 am – 5:00 pm
Ronald Reagan Building and International Trade Center
Pavilion Room
1300 Pennsylvania Avenue, NW
Washington, D.C. 20004
202.312.1300

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Smart and Sustainable Cities ANSI Workshop Overview

With half the world's population living in cities and urban areas – a number that is projected to increase to seventy percent or more by the middle of the 21st century – and with climate change and natural disasters posing new challenges, there is a growing market for smart, sustainable, and resilient urban infrastructure planning and development. Increasingly, stakeholders recognize the need for a more holistic approach to the economic, environmental, and social challenges that cities face. Information and communications technology companies are partnering with cities to leverage innovations in urban informatics – a process of gathering and analyzing infrastructure data – to drive improvements in areas such as smart grid, green building, energy and water use, waste management, and transportation.

While standards and conformity assessment programs are well developed in many of these specific areas, a clearly delineated and integrated set of overarching standards and conformance programs is needed to achieve the vision of a smart and sustainable city. In March 2012, ISO established TC 268, Sustainable Development in Communities; in February 2013, ITU established a Focus Group on Smart Sustainable Cities; in June 2013, IEC formed a Systems Evaluation Group on Smart Cities, and in November, ISO/IEC JTC1 voted unanimously to form a study group on smart cities.

Building on the discussions at the April 2013 ANSI Joint Member Forum, the November 2013 ANSI Workshop on Smart and Sustainable Cities further explored how standards and conformance solutions can contribute to achieving smart, sustainable, and resilient cities. Attendees discussed the need for coordinated U.S. participation in international smart cities initiatives, the priority areas for standardization, and who should be involved.

Participants

Participants included representatives from industry, trade associations, professional societies, standards developing organizations, government agencies, academia, think tanks, and multi-stakeholder smart and sustainable cities initiatives, providing a range of perspectives.

Venue

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