



# U.S.-India Standards and Conformity Assessment Cooperation Program Phase II



## ANSI Stakeholder Session

December 11, 2017

# Agenda



- ❑ Welcome by ANSI: Director of International Development, Leslie McDermott
- ❑ Introductions of participants
- ❑ USTDA introduction: USTDA Country Manager, South Asia, Alissa Lee
- ❑ ANSI overview of the SCCP Phase II project and potential workshop topics for consideration and discussion
- ❑ Open floor to stakeholders for discussion
- ❑ Final observations and next steps
- ❑ Closing

# Why India?



- ❑ India ranked top 10 economies showing most improvement in performance on WBG's *Doing Business 2018*
- ❑ Additional 315 million people to live in India's cities by 2040 (IEA)
- ❑ MAKE IN INDIA campaign to increase foreign direct investment



# Past ANSI – India Collaboration

## SCCP Phase I 2009-2012



- ❑ Sponsored by the U.S. Trade and Development Agency (USTDA) and coordinated by the American National Standards Institute (ANSI) and the Confederation of Indian Industry (CII)
- ❑ Targeted technical sectors included: building codes, storage of natural gas, aerospace, biometrics, plumbing and mechanical codes
- ❑ StandardsPortal expansion, workshop series, and development & access to U.S. standards directory

# U.S.-India SCCP II: Overview



- ❑ Sponsored by the U.S. Trade and Development Agency (USTDA) and coordinated by the American National Standards Institute (ANSI) and the Confederation of Indian Industry (CII)
- ❑ 3 priority sectors: smart and sustainable cities; water and sanitation; and clean energy
- ❑ To facilitate cooperative exchange between the two countries' private and public sectors
- ❑ Facilitate development and adherence to transparent standards, conformity assessment, and technical regulations

# U.S.-India SCCP II: Project Plan



- ❑ ANSI will develop and deliver 6 standards workshops to take place in India
- ❑ 1.5 – 2 day workshops
- ❑ Updates to StandardsPortal and link to new Indian Standards Portal
- ❑ Workshops likely be delivered between April 2018 to May 2019

## SCCP II Focus Sector: Smart & Sustainable Cities



- ❑ USTDA and the Indian state and central governments are partnering for the development of three Indian Smart Cities: Allahabad, Ajmer and Visakhapatnam
- ❑ Urbanization in India expected to reach 40% with 7 megacities by 2030 (*UN World Cities Report 2016*)
- ❑ India is projected as a Top-10 export market for smart grid, and has risen in the rankings consistently (*2017 International Trade Administration Smart Grid Top Markets Report*)



## SCCP II: Smart & Sustainable Cities – *Possible Topics*



- ☐ Building codes
- ☐ Housing
- ☐ Water access and management
- ☐ Electrification and Energy Management
- ☐ Waste management



# SCCP II Focus Sector: Water & Sanitation



- ❑ In India, about 163 million people lack access to safe water and 210 million people lack access to improved sanitation (*water.org*)
- ❑ In India, about 570 million people defecate in the open – 59% of the world's population practicing open defecation
- ❑ Every day, more than 500 children in India die from diarrhea-related illnesses
- ❑ India loses over \$106 billion per year from inadequate sanitation (*2017 U.S. Government Water Strategy*)

## SCCP II: Water & Sanitation

### *Possible Topics*



- ☐ Green plumbing
- ☐ Water efficiency & water resource management
- ☐ Quality and purification
- ☐ Toilets and sewage
- ☐ Piping to homes and businesses
- ☐ Access to drinking water
- ☐ Detection of unaccounted water flow

## SCCP II Focus Sector: Clean Energy



- ❑ 71.5% of India's installed capacity from fossil fuels
- ❑ India is #4 world carbon dioxide emitter (*CIA World Factbook*)
- ❑ Goals of renewable energy target of 175 GW by 2022, a solar power generation target of 100 GW by 2022, an efficiency target of 40 GW worth of energy savings by 2027, and a goal of 100 percent rural electrification by 2022 (ITA)
- ❑ India is world's second-largest market for solar PV (ITA)

## SCCP II: Clean Energy

### *Possible Topics*

- ☐ Solar PV
- ☐ Smart Grid
- ☐ Smart Metering
- ☐ Energy Storage
- ☐ Interoperability




## Next Steps




- ❑ Interested? —→ Fill out Proposal & Commercial Benefit Questionnaires
- ❑ Development of steering groups for each workshop
  - Drive content, choose appropriate dates and locations
- ❑ Ongoing updates on project website
  - [www.standardsportal.org/us-indiasccp2](http://www.standardsportal.org/us-indiasccp2)

# SCCP II: Online Resources



Standards Portal Home



U.S. Information

Standards Developing Organizations (SDOs)

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BACKGROUND   KEY INFORMATION   TRADE RESOURCES   RESOURCES

## U.S. - India Standards and Conformance Cooperation Program (SCCP) Phase II



The U.S. - India Standards and Conformance Cooperation Program (SCCP) Phase II is a comprehensive project to facilitate interaction and engagement between the public and private sectors in the United States and India. The goal is to increase cooperation in the areas of standards, conformity assessment, and technical regulations in three sectors of interest to industry: **smart and sustainable cities, water and sanitation, and clean energy.**



Sponsored by the U.S. Trade and Development Agency and coordinated by the American National Standards Institute (ANSI) and the Confederation of Indian Industry (CII), the program aims to facilitate India's development of transparent and streamlined standards, conformity assessment, and a technical regulations system. SCCP also aims to provide information on U.S. and Indian standards and conformance and U.S. technical assistance to facilitate increased U.S.-India trade and investment; encourage greater Indian public and private sector participation in international and regional standards and conformity assessment fora; and support increased cooperative exchange between

U.S. and Indian counterpart organizations working to address trade-related issues at the technical level.

### The U.S. - India SCCP Phase II has two main components:

- Develop and deliver six standards and conformance workshops in India that are sponsored and co-organized by U.S. private sector organizations and designed to provide targeted technical exchange between small groups of industry stakeholders to address specific issues related to standards and conformance in the sectors of smart and sustainable cities, water and sanitation, and clean energy.
- Integrate Indian standards and conformity assessment information onto the Standards Portal ([www.standardsportal.org](http://www.standardsportal.org)) in coordination with CII's development of an Indian counterpart website (i.e., "India Standards Portal").

### The following program materials are available for download:

- SCCP promotional flyer

### Relevant Announcements:

- ANSI, CII, and USTDA Embark on Second Phase of U.S.-India Standards and Conformance Cooperation Program
- Joint Statement from Secretary Ross and Minister Prabhu on the U.S.-India Commercial Dialogue

### For More Information and to Get Involved

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# Questions?





## For more information

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