



## INVITATION TO ATTEND THE ISO INTERNATIONAL WORKSHOP MEETING ON **COMMUNITY-SCALE RESOURCE-ORIENTED SANITATION TREATMENT SYSTEMS**

<b>DATE</b>	January 16 – 18, 2018
<b>LOCATION</b>	Dakar, Senegal
<b>SECRETARIAT</b>	American National Standards Institute (ANSI)
<b>REGISTRATION</b>	<a href="http://www.ansi.org/WasteTreatment">www.ansi.org/WasteTreatment</a>
<b>MORE INFORMATION</b>	ANSI: Sally Seitz – <a href="mailto:sseitz@ansi.org">sseitz@ansi.org</a>

According to the World Health Organization (WHO), an estimated 2.5 billion people have no access to safe, clean toilets and 1 billion are forced to defecate in the open. The devastating consequences of these practices include an estimated 1 million preventable deaths per year, primarily from dysentery-like diarrheal diseases.

In March 2013 the UN issued a global call to action for the comprehensive elimination of the practice of open defecation by 2025. According to the UN, countries where open defecation is most common have the highest levels of child death and disease, as a result of ingesting human fecal matter that has entered the food or water supply. A lack of safe, private toilets is also associated with the highest overall levels of malnutrition, poverty, and disparity between rich and poor, and makes women and girls vulnerable to violence.

Universal toilet access is the only acceptable goal, and it is achievable. Part of the solution is to reinvent the toilet, and promote an international performance standard for the reinvented toilet, an effort well underway in International Organization for Standardization (ISO) Project Committee 305.

As part of a multi-phased initiative to facilitate the development of a globally recognized consensus standard for safer, sustainable sanitation treatment, ANSI – with support from the Bill & Melinda Gates Foundation – will hold a series of workshops to develop an ISO International Workshop Agreement (IWA) on Community-Scale Resource-Oriented Sanitation Systems.

The IWA will serve as the first step toward the goal of developing an international standard that will contain the commonly accepted criteria by which to measure the performance of community scaled resource oriented sanitation treatment systems in total. Such an international standard would enhance efforts to widely manufacture, market and deploy the technology where it is needed most.

The first and second IWA meetings focused on initial discussions on the contents of the draft document. The third meeting will take place January 16-18, 2018, in Dakar, Senegal. This meeting will serve as the final opportunity to craft and develop the text of the IWA document. The document will be submitted for publication following the meeting. There will be an optional field trip held on January 15, 2018, to visit a sanitation treatment system in Dakar, Senegal.



## AGENDA

### Day 1 (Tuesday, 16 January 2018)

#### 09:00 AM MORNING SESSION

- Welcome and Introductions by:
  - BMGF
  - ANSI
- Objectives of the second meeting International Workshop Agreement and overview of meeting #2 output
- Overview of ISO and Objectives of the Second meeting of the International Workshop Agreement
  - Review of the ISO process, explanation of consensus & iterative process
  - Review of the meeting agenda & proposed structure of the meeting
- Overview of TUV SUD standard

#### LUNCH BREAK

#### AFTERNOON SESSION

#### Finalization of the International Workshop Agreement

- Review of Text
  - Clause 1: Scope
  - Clause 2: Normative references
  - Clause 3: Terms, definitions and abbreviations
  - Clause 4: General requirements

5:00PM Meeting Adjourn

## **Day 2 (Wednesday, 17 January 2018)**

9:00AM MORNING SESSION

### Finalization of the International Workshop Agreement (Continued)

- Recap of Day 1
- Review of Text
  - Clause 5: Input, energy balance and resource recovery specifications
  - Clause 6: Performance requirements
  - Clause 7: Safety requirements
  - Clause 8: Operation requirements

LUNCH BREAK

AFTERNOON SESSION

- Review of Text:
  - Clause 7: Safety requirements
  - Clause 8: Operation requirements
  - Clause 9: Maintenance requirements
  - Clause 10: Outputs

5:00PM Meeting Adjourn

## **Day 3 (Thursday, 18 January 2018)**

9:00AM MORNING SESSION

### Finalization of the International Workshop Agreement (Continued)

- Recap of Day 2
- Review of Text
  - Clause 11: Test sequence procedures
  - Clause 12: Declarations
  - Annex A: Input specification templates
  - Annex B: Typical Fecal Sludge Characteristics

LUNCH BREAK

AFTERNOON SESSION

- Review of Text:
  - Annex C: Test methods and additional testing requirements

- Annex D: Risk-based approach
- Adoption of Resolutions
- Next Steps

5:00PM Meeting Adjourn