



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

<b>DATE</b>	June 28 – 30, 2017
<b>LOCATION</b>	Durban, South Africa
<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 ISO Project Committee 305.

As part of a multi-phased initiative to facilitate the development of a globally recognized consensus standard for safer, cleaner reinvented toilets, ANSI – with support from the Bill & Melinda Gates Foundation – will hold an International Workshop Agreement (IWA) workshop on community-scale resource-oriented sanitation treatment systems in the last week of June.

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.

It is intended that the IWA will be developed over a series of three meetings. The second meeting will take place the week of September 4-8, 2017, in Singapore (venue and specific dates to be determined); the third will be announced in the near future.



## DRAFT AGENDA

### ISO INTERNATIONAL WORKSHOP ON COMMUNITY-SCALE RESOURCE-ORIENTED SANITATION TREATMENT SYSTEMS

Durban, South Africa

#### Day 1 (Wednesday, 28 June)

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##### 9:00 AM MORNING SESSION

- Welcome and Introductions by:
  - BMGF
  - ANSI
- Introduction and Confirmation of Workshop Chair
  - Sally Seitz, ANSI, IWA Secretary
  - Workshop Chair
- Addressing the need for community scale resource oriented sanitation treatment systems
- Importance of developing standards to address the needs
- Objectives of this International Workshop Agreement and overview of ISO

##### LUNCH BREAK

##### AFTERNOON SESSION

#### Developing Consensus on the Content of an International Workshop Agreement

- Overview of the TUV SUD Standard
- Building on the TUV SUD Standard to Develop an International Workshop Agreement
- Discussion of IWA scope and Identification of Possible Additional Text

##### 5:00 PM Meeting Adjourn

#### Day 2 (Thursday, June 29)

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##### 9:00 AM MORNING SESSION

#### Developing Consensus on the Content of an International Workshop Agreement (Continued)

1. General requirements (e.g., Essential Criteria for OP)

**LUNCH BREAK**

**AFTERNOON SESSION**

Technical requirements (Scope, Inputs/Outputs)

2. Risk-based Approach towards development of the Safety

**5:00 PM Meeting Adjourn**

**Day 3 (Friday, June 30)**

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**9:00 AM MORNING SESSION**

Developing Consensus on the Content of an International Workshop Agreement (Continued)

3. Performance (RAMS)
4. Sustainability (Economic)
5. Sustainability (Environmental)
6. Annexes

**LUNCH BREAK**

**AFTERNOON SESSION**

- Review and Confirmation of Consensus Established on the Content of the IWA
- Identification of Next Steps in the Development, Approval and Publication of the IWA
- Dissemination and Implementation of the International Workshop Agreement
- Identification of Next Steps to Develop an ISO Standard for community scale, sustainable resource oriented fecal sludge treatment systems

**5:00 PM Closure of Meeting**