



Private Sector Partnership Forum

Innovative Solutions to Challenges in Slums & Informal Settlements in Africa
24 to 26 June 2020, eConference

Scaling Solutions: Embracing Innovation in Water, Sanitation and Waste Management
Date: Wednesday, 24 June 2020, 1330-1500h

Topics Explored

1. Community Needs
2. Government Priorities
3. Taking Stock of the Innovations
4. Recommendations and Way Forward

Moderator

Andre Dzikus, Chief, Urban Basic Services Section, UN-Habitat

Panel Discussions

1. Waste Wise City, Cameroon
2. Nairobi Metropolitan Services
3. Tam Tam Community, Cameroon
4. Johnstone Musau, Shining Hope for Communities

Innovator Pitches

1. Sanitation & Waste Management Solution

An innovative and affordable model providing non-sewered sanitation solutions for all urban residents, and converting waste into valuable end-products.

David Auerbach, Co-Founder, Sanergy

Website: www.sanergy.com/

2. Waste-to-Energy Solutions

An innovative and cost-effective model transforming faecal sludge into biomass fuels.

Kate Bohnert, Business Development Manager, Sanivation

Website: www.sanivation.com/

3. Fairtrade Plastics Recycling

Trading recyclable materials while achieving tangible social and environmental impact and formal job creation for waste workers from informal settlements.

Keiran Smith, CEO and Co-Founder, Mr. Green Africa

Website: www.mrgreenafrica.com/

4. Off-Grid Wastewater & Sanitation Solutions

A revolutionary self-contained facility with a wastewater recycling and re-use system.

Nzuki Waita, Executive Director, Human Needs Project

Website: www.humanneedsproject.org/

5. A Smart Micropayment Water Solution

An innovative service integrating the world's only smart and prepaid water meter with billing software, allowing consumers to use mobile money to prepay for running water.

Meltus Mugomi, Country Manager, CityTaps

Website: www.citytaps.org/

About the Private Sector Partnership Forum

The three-day Private Sector Partnership Forum has been organized in recognition of the critical roles played by the private sector in innovating and piloting novel solutions to development challenges, and the public sector in scaling up successful innovations. To this end, the Forum seeks to facilitate partnership between national governments and

sanitation, and 3 billion lack basic handwashing facilities. Whereas 1.8 billion people have gained access to basic drinking water services since 2000, there still remain vast inequalities in the accessibility, availability and quality of these services. Inadequate WaSH significantly contributes to the mortality burden, with poor sanitation estimated to claim 1.6 million lives annually and contribute to numerous grave health conditions including acute respiratory infections, undernutrition and stunting.

In the current COVID-19 context, one billion residents of slums and informal settlements are at greater risk of contracting the virus in part due to lack of access to water for handwashing and adequate sanitation and waste management systems. Without basic water, sanitation and waste management systems, it is unsurprising that 93% of wastewater and solid waste is dumped or burned on land and waterways, and the world's poor pay significantly more for water sourced from vendors.

The session panellists and innovators will discuss the needs of communities, government priorities, the challenges including the impact of COVID-19 on the urban poor, opportunities, global trends and the investment requirements to meet the access challenge in the water, sanitation and waste management sector. In addition, the innovators will describe some of their innovative waste-to-energy solutions and smart technologies that are successfully responding to these challenges.

Guiding Questions

- ✓ What are some of the challenges plaguing the water, sanitation and waste management sector in Africa?
- ✓ What is the need and therefore the market potential in the WaSH sector in slums and informal settlements in Africa? What are some of the opportunities available to mSME (entrepreneurs, innovators)?
- ✓ What are some of the key innovations in the WaSH sector that are worth taking note? What has been the recipe for their success?
- ✓ What are some of the good practices or flagship programmes or partnerships or innovative financing models in Africa that have been successful and need replicating in the sector?
- ✓ What are the key barriers to private sector entry into the WaSH sector in Africa? What are some of the actions that governments need to take to eliminate these barriers?
- ✓ What measures can governments implement to incentivize or reduce the risks to private sector entities willing to venture in the provision of low-cost WaSH solutions to the BOP? What measures can governments implement to streamline the WaSH sector and attract investment in the sector?
- ✓ Which key sector reforms would accelerate the realization of the WaSH-related SDG? What has been the impact of recent policy reforms, and government plans and strategies on the delivery of water, sanitation and waste management services in informal settlements in your country?
- ✓ What existing infrastructure, investments or partnerships can be leveraged to accelerate the realization of the WaSH-related SDG in informal settlements?
- ✓ What investments are required to meet the access challenge in the sector? What are your municipality's plans and budgetary commitments towards provision of basic WaSH infrastructure and services to residents of informal settlements?
- ✓ What does success look like for the WaSH sector in Africa?
- ✓ What is the role of communities living in informal settlements in the realization of the WaSH SDG?

Expected Outcomes

The Forum is among a series of events organized by UN-Habitat to strengthen partnership with the business community to support sustainable and inclusive urban development and the New Urban Agenda. It provides a platform for matching the needs of informal settlements residents and demands of cities with innovative private sector solutions. The session is expected to have:

1. Demonstrated the business potential and identified opportunities to develop and deploy low-cost innovative housing and construction solutions in informal settlements
2. Identified opportunities for partnership and matched governments and investors with investable innovative solutions and models are explored
3. Identified bankable and investment-ready projects to be piloted in slums and informal settlements.