



## SESSION DESCRIPTION FORM 2.

### 10<sup>TH</sup> WORLD WATER FORUM

**Session Code and Title:**

**T2C3.**

Self-supply and market-based solutions for safe drinking water access in lower income communities

**Session Coordinators (Name, Position, Organization, email, mobile number):**

- 1) Tim Foster, Research Director, Institute for Sustainable Futures at University of Technology Sydney, Tim.Foster@uts.edu.au, +61 413 231 799
- 2) Lieselotte Heederik, co-founder & director, Nazava Water Filters, Lisa@nazava.com, +6281260168950

**Session Description including objectives and expected outcomes (500 words maximum):**

Water is often thought of as a public good. Thus it makes sense that public institutions should pick up the bill to provide water and sanitation to their residents. However, public institutions tend to focus on large infrastructure projects that are too expensive to build and maintain, and too slow moving to achieve universal drinking water access by 2030. Besides, they struggle by serving households in peri-urban and rural areas. As a result, household self-supply has emerged as a primary form of water supply for more than a billion people globally, especially for those who are marginalized from mainstream public services.

Market-based solutions emerge as a dynamic force, revolutionizing approaches to water provision. Rather than large centralized utilities, decentralized solutions emerge as means to rapidly accelerate SDG target 6.1. This session delves into the transformative role of market-driven strategies in ensuring sustainable and equitable access to safe drinking water.

During the session we'll explore with industry experts and thought leaders how market-based solutions can catalyze innovation, foster local entrepreneurship, and drive down costs, making safe water solutions more accessible to underserved communities. From innovative business models to impactful public-private partnerships, the session will showcase real-world success stories that demonstrate the potential of household self-supply and market-driven approaches to create scalable, lasting impacts in the realm of safe drinking water access.

Objectives:

- 1. Acknowledgement of the role of self-supply and market based solutions to reach SDG 6.1 for lower income households**

## 2. Exploration of the role of the public sector to further promote market based solutions and self-supply to reach SDG 6.1 for lower income households

Concrete Outcomes:

1. Sharing insights and best practices from successful social enterprises that operate with market based solutions to reach lower income, rural households
2. Gaining insights from the public sector to foster collaboration and boost self-supply and market based solutions to reach lower income, rural households

### Detailed Session plan :

Requirements: Powerpoint, 8 chairs for panelists

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
5 minutes	opening	Tim Foster University of Technology Sydney (UTS)	OK
15 minutes	Water quality at the household level; challenges for lower income communities	Tim Foster Cindy Priadi Universitas Indonesia (UI)	OK
10 minutes	Affordable innovations in water treatment to reduce child mortality	Arthur Baker Development Innovation Lab (DIL) at the University of Chicago	OK
20 minutes	<b>Panel Discussion</b> Private sector perspective on reaching lower income households with safe drinking water access	Lieselotte Heederik Nazava Water Filters Amandine Muret 1001 Fontaines	OK OK
10 minutes	How to scale market based approaches for safe drinking water access to lower income households: Best practices & lessons learned.	Aldi Surianingrat Water.org	OK
10 minutes	<b>Panel Discussion:</b> Bappenas: Government perspective on access to safe drinking water through market based solutions Unicef: Development Org perspective on access to safe drinking water through market based solutions	Aisyah Nasution Bappenas Hanh Nguyen Unicef	OK
20 minutes	Plenary & Group discussions	Tim Foster	OK

