

# Global Innovation Challenge

## CALLING ALL INNOVATORS!

COVID-19 has drastically affected how businesses operate and collaborate. However, innovation never stops.

PUB, Singapore's National Water Agency, is looking for technological solutions to Singapore's water challenges, through the **PUB Global Innovation Challenge**.

Test-bedding opportunities, funding, mentorship, and scaling opportunities are in store for successful solutions.

**Your** solution could be one of them.

## CHALLENGE STATEMENTS

**Sensor Data Integrity Monitoring**

#data  
#AI

**Real-time Detection of Taste and Odour Compounds in Water**

#sensors  
#IoT

**Seamless Coagulation Control**

#sensors  
#IoT

**Automated Earth Control Measure Submission Evaluator**

#data  
#AI

**Robotics for Water Tank Cleaning**

#robots

**Automated Identification and Enumeration of Midge Populations**

#data  
#AI

## How to Participate

To learn more, visit our website



pub.gov.sg/innovationchallenge

Simply submit your application for evaluation and potentially secure a pitch interview with our expert panel. Selected applicants will receive attractive funding and benefits to pilot their solution with PUB.

Application	Evaluation	Interview	Pilot
Ongoing	Early November	Mid November	2021 - 2022
Applications close on <b>Monday, 2 November 2020</b> 2359hrs (UTC+8)			

## Funding & Benefits

- Receive pilot funding of up to **S\$250,000**
- Be mentored by PUB experts
- Opportunity to access real-world testbeds
- Commercialise and scale your solution with PUB

## Info Sessions

Join our webinars with Q&A segments to understand what our Challenge Owners are looking for.

### Sensors & Monitoring Systems

**Tuesday, 6 October**  
4.00 pm (UTC+8)



bit.ly/pub-is1

#### PROGRAMME

- Sensors & monitoring systems overview
- Challenge key details
- Challenge sharing and Q&A
  - Sensor data integrity monitoring
  - Real-time detection of taste and odour compounds in water
  - Seamless Coagulation Control

### Automation & Robotics

**Thursday, 8 October**  
4.00 pm (UTC+8)



bit.ly/pub-is2

#### PROGRAMME

- Automation & robotics overview
- Challenge key details
- Challenge sharing and Q&A
  - Automated Earth Control Measure Submission Evaluator
  - Automated identification and enumeration of midge populations
  - Robotics for water tank cleaning

## Ecosystem Partners

Booky Oren Global Water Technologies

emerald Technology Ventures

IMAGINE H<sub>2</sub>O / ASIA

IPI SINGAPORE

isle

padang & co

SINGAPORE BUSINESS FEDERATION Apex Business Chamber

TRUE NORTH VENTURE PARTNERS

## About PUB

PUB is a statutory board under the Ministry of Sustainability and the Environment. It is the national water agency that manages Singapore's water supply, water catchment and used water in an integrated way.

The research and development culture in PUB is driven by the desire to increase water resources, keep costs competitive and manage water quality and security.