



# STARTUP DEMO DAY 2023

Co-located alongside  
SIWW Spotlight



Asian  
Civilisations  
Museum

TUESDAY  
**JUN  
06<sup>th</sup>**

4.30-7.30 pm

## Supporters

Enterprise  
Singapore



xylem  
Let's Solve Water



VEOLIA

Kubota





## ABOUT

# IMAGINE H2O ASIA

Imagine H2O Asia is a Singapore-based water tech accelerator that connects global startups to new markets, partners and pilot support to solve the region's water and wastewater challenges.

Since 2018, Imagine H2O Asia has been the go-to-partner for water entrepreneurs in the Asia-Pacific, helping 40 startups secure projects across six countries to date. The organization also sustains a growing network of industrial and municipal leaders committed to testing and piloting solutions vetted through its accelerator programs.

Led by Imagine H2O, the US nonprofit organization, Imagine H2O Asia draws on more than a decade of experience building solutions with the world's best water entrepreneurs.

## IMAGINE H2O SINCE 2009

# 190+

Startups  
supported

# \$850M

Raised by  
IH2O startups

# 8

Exits since  
2015

# \$1.9M

Pilot funding  
awarded

# 70

Pilots supported in  
20 countries



# PROGRAM AGENDA

Join us for an evening with a diverse group of startups developing breakthrough innovations tackling the region's water and climate crisis.

**RSVP TODAY →**



**4.00 – 4.30 PM**



## Welcome Reception

ACM River Room

*Startup exhibition,  
light refreshments*



**4.30 – 6.30 PM**



## Startup Demo Day

ACM River Room

*Lightning pitches from  
Cohort 4 and select alumni*



**6.30 – 7.30 PM**



## Networking Reception

ACM River Terrace

*Light bites and beverages  
with our entrepreneurs*

## Other Opportunities to Engage our Startups

In addition to Demo Day, Imagine H2O Asia will be arranging 1-on-1 meetings for end-users and investors with the presenting startups from June 5 -7.

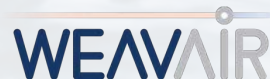
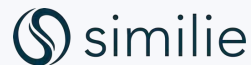
Register your interest using the same RSVP form.





# MEET COHORT 4

*Select alumni from Imagine H2O Asia's  
portfolio may also be showcased at  
Startup Demo Day*





SINGAPORE

Workforce Management

# TeamSolve

[www.teamsolve.com](http://www.teamsolve.com)

Commercialization

## Description

AI-enabled digital knowledge companion tool that captures operational, explicit and tacit knowledge to generate problem-solving insights during O&M and incident response scenarios

## Traction

Demo mock-ups tested with PUB Singapore and medium-sized utilities in Australia, New Zealand and North America

**DEMO**  
**DAY Ask**

Trial users and strategic partners in Asia-Pacific



INDIA

Network &amp; Non-Revenue Water Management

# Solinas Integrity

[www.solinas.in](http://www.solinas.in)

Commercialization

## Description

Suite of robotic solutions for wastewater pipeline management and sanitation, including automated septic tank cleaning robots that minimize human contact with sewage

*\*Other solution offerings include water leak reduction and pipeline condition monitoring*

## Traction

7 commercial deployments in decentralized sanitation across Chennai, Agra, Ghaziabad and Gujrat, with additional 10 projects currently ongoing in Bihar

**DEMO**  
**DAY Ask**

Investors for Series A;  
Pilot opportunities and local partners in Indonesia and the Philippines





SINGAPORE

Network &amp; Non-Revenue Water Management

# Teredo Analytics

[www.teredo.sg](http://www.teredo.sg)

Commercialization



## Description

Acoustic monitoring technology for event-based anomaly detection, with applications in pipeline inspection and plant machinery to identify leaks and faults

## Traction

4 ongoing projects in Singapore, with approximately 100k litres of water saved from leak detection and \$280k savings from incident prevention

**DEMO  
DAY Ask**

Investors for Seed round;  
Partners in Southeast Asia  
and Australia



TIMOR LESTE

Network &amp; Non-Revenue Water Management

# Similie

<https://similie.org/>

Pre-Commercialization



## Description

End-to-end digitalization tool that provides real-time visibility of water supply to rural communities in Southeast Asia

## Traction

2 ongoing projects in Timor Leste monitoring water supply systems in 16 rural and peri-urban communities

**DEMO  
DAY Ask**

Pilot opportunities and local partners  
in the Philippines and Indonesia





UK

*Wastewater Treatment & Reuse*

# Power & Water

[www.powerandwater.com](http://www.powerandwater.com)

Growth

**Description**

Modularized, sono-electrochemical treatment process that combines the power of ultrasound and electrolysis to directly address passivation and reduce energy consumption, eliminating liquid chemicals in the process

**Traction**

New and recurring commercial contracts secured across the municipal and industrial sector including oil & gas, construction, and aquaculture in Europe. Ongoing R&D to explore hydrogen removal and applications utilizing advanced oxidation processes.

**DEMO  
DAY Ask**

Local partners in Singapore and Southeast Asia for project implementation



SPAIN

*Wastewater Treatment & Reuse*

# CreaTech 360°

[www.createch360.com](http://www.createch360.com)

Growth

**Description**

Advanced process control solutions that optimize municipal wastewater treatment plants' performance while ensuring quality compliance throughout the plant's life cycle

**Traction**

Over 150 global installations demonstrating 50% aeration energy savings and 40% reduction in chemical use; Growth in China with 9 projects in 2 years

**DEMO  
DAY Ask**

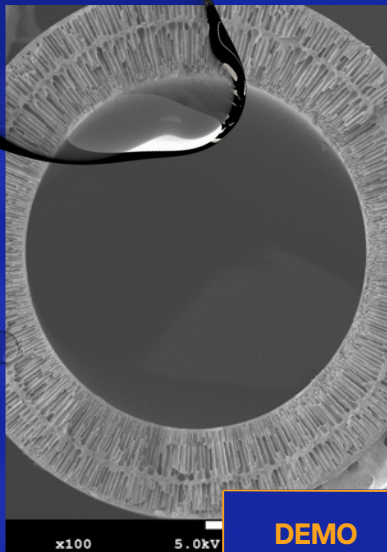
Commercial projects and local partners in Singapore, Vietnam and Philippines



# H2MO

[www.h2mo.com.cn](http://www.h2mo.com.cn)

Commercialization



## Description

Programmable biomimetic hollowfibre membranes (without Aquaporin) that increase throughput and improve fouling resistance while meeting effluent quality

## Traction

2 pilots in Singapore using reverse osmosis membranes demonstrating 50% energy savings and over 80% reduction in chemical cleaning

**DEMO  
DAY Ask**

Investors for manufacturing scale-up in China



# SideStroem Water Technologies

*Pre-accelerator*[www.sidestroem.com](http://www.sidestroem.com)

Pre-Commercialization



## Description

Novel nanofiltration-type forward osmosis membrane technology promising increase in salt extraction efficiencies for ZLD applications

## Traction

Early stage (POV); Looking to scale technology for industrial production with a focus on deploying in textile, tannery and fermentation industries





PHILIPPINES

Climate Resilience &amp; Adaptation

# Komunidad



www.komunidad.co



Growth

## Description

Climate risk decision support tool that generates localized, customizable insights and alarms on natural disasters for climate adaptation and resilience

## Traction

Engagements with local governments across 7 Philippines cities (10M people) and 2 Indian states (70M people)

**DEMO**  
**DAY Ask**

Local partners in Vietnam and Indonesia for market entry



INDIA

Climate Resilience &amp; Adaptation

# Ekatvam Innovations



ekatvaminnovations.com



Commercialization

## Description

Community-specific water governance tool that gathers and integrates local data on groundwater levels, monitors water-requirements of crops and utilizes satellite imagery to develop water budgets that inform climate resilience strategies for villages

## Traction

Working across 60 villages across 3 Indian states, covering 26k hectares of land; Created 47 water security plans for villages, with potential savings of 3.74M cubic meters

**DEMO**  
**DAY Ask**

Local implementation and NGO partners in India; Pilot opportunities in the region





## Ossus Biorenewables

[www.ossusbio.com](http://www.ossusbio.com)

Commercialization



### Description

On-site green hydrogen production from high carbon wastewater effluents through a novel, single reactor combining electrical and biological processes

### Traction

Phase 2 of pilot scale-up in India with steel manufacturer recycles 97% of effluents and produces 30 kg of hydrogen gas from 6000L of effluent per day

**DEMO  
DAY Ask**

Commercial partners in energy and chemical sector; Partners in precision engineering for manufacturing scale-up



## WeavAir

Pre-accelerator

[www.weavair.com](http://www.weavair.com)

Commercialization



### Description

IoT-enabled predictive maintenance solution that reduces energy consumption in buildings and facilities through the holistic tracking, diagnosis and detection of anomalies

### Traction

Early stage; Pilots in Southeast Asia and Europe; Ongoing trials with customers from the hospitality industry



SINGAPORE

Water Quality

# Aprisium

Pre-accelerator

[www.aprisium.sg](http://www.aprisium.sg)

Commercialization

## Description

IoT-enabled electrochemical sensors for on-site contaminant profiling and detection on solid and liquid samples, enabled with early warning and insights for proactive action

## Traction

Early stage; Currently available to profile heavy metals and VOCs with plans to increase profiling suite and capabilities

# ENGAGE WITH US

Reach out to schedule 1-on-1s  
with select startups



Join our Tech Adopters Network



Support our work



Contact:

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