



Japan
Fund for
Poverty
Reduction



URBAN
CLIMATE RESILIENCE
TRUST FUND

Catalyzing Innovations and Digitization for Safe, Sustainable, Resilient, and Inclusive Water Management

LAUNCH OF E-MARKETPLACE AND PUBLICATIONS

15-19 March 2021



3D virtual interactive Expo Smart & Climate Resilient Water Management Solutions

Name of Organization	Royal HaskoningDHV
Location	Netherlands
Year Registered	2012



Technology Profile

Royal HaskoningDHV's water team is a seamless global provider of water technology, software, consulting, and engineering in the water sector. Our expertise is applied in every phase of the water cycle. We will develop a **3D virtual interactive exposition room** showing the Smart Water Management Solutions.

Flash® Flood Service: flood prediction and early warning using real-time and forecast weather data provided directly to smart phones.

FloodWatch: flood prediction for emergency response teams (Malaysia).

Risk mapping: for cities using **Bluelabel**; for multinationals and infrastructure using **Uptime**. Our **Global Flood Risk Tool** provides investment proposals for risk reduction on top of its accurate and comprehensible flood risk analysis.

Participatory planning and stakeholder engagement with **STAIN**: a gamified tool about resilience strategies and innovative interventions. **SPADE** supports investment-focused decision-making in infrastructure development taking into account climate risk and resilience.

During hazards **Disaster Management Information System** organizes planning, early warning communication, automated reporting, mobile (damage) data collection, event management and organizes aid relief given versus requested.

Aquasuite is a proven **smart water technology** monitoring, analyzing, visualizing and controlling performance of (waste) water infrastructure through predictive analytics and machine learning. Using Aquasuite for **leakage prevention** leads to **5% leakage** only. The **Human Sensor** is an innovative **customer information** and **grievance system**.

A **digital twin** of a water treatment plant is a virtual representation of a treatment plant allowing companies to monitor performance, test impacts of changes before they're made and replace reactive maintenance with predictive prevention using AI and Internet of Things (IoT).

At Royal HaskoningDHV, we combine the physical and digital world of the water environment with our best-in-class water technology and our deep water domain expertise built over the last 140 years and we would like to unlock this potential to ADB and others via the E-Marketplace.

To know more about our Smart Water Technology:

[Resilience in cities](#)

[Water Circuit of the Future](#)

[Aquasuite](#)

[Water Technology Company of the Year](#)

[Welcome to Royal HaskoningDHV's 3D Expo Smart & Climate Resilient Water Management](#)

The recording of interactive session will be uploaded here.

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