

# Global Water & Sanitation Center





Supported by BILL & MELINDA GATES foundation We aim to accelerate access to clean water, sanitation, and hygiene (WASH) for all in Asia by 2030.

To achieve this, we assemble a catalytic platform of bright minds, experts, innovations, funding and the utlization of Citywide Inclusive Sanitation (CWIS) approach to address challenges and inequities in the WASH sector

International Development Institutions and Agencies









Foundations, Grantmakers, and Philanthropies











Banks, and other Financial Institutions



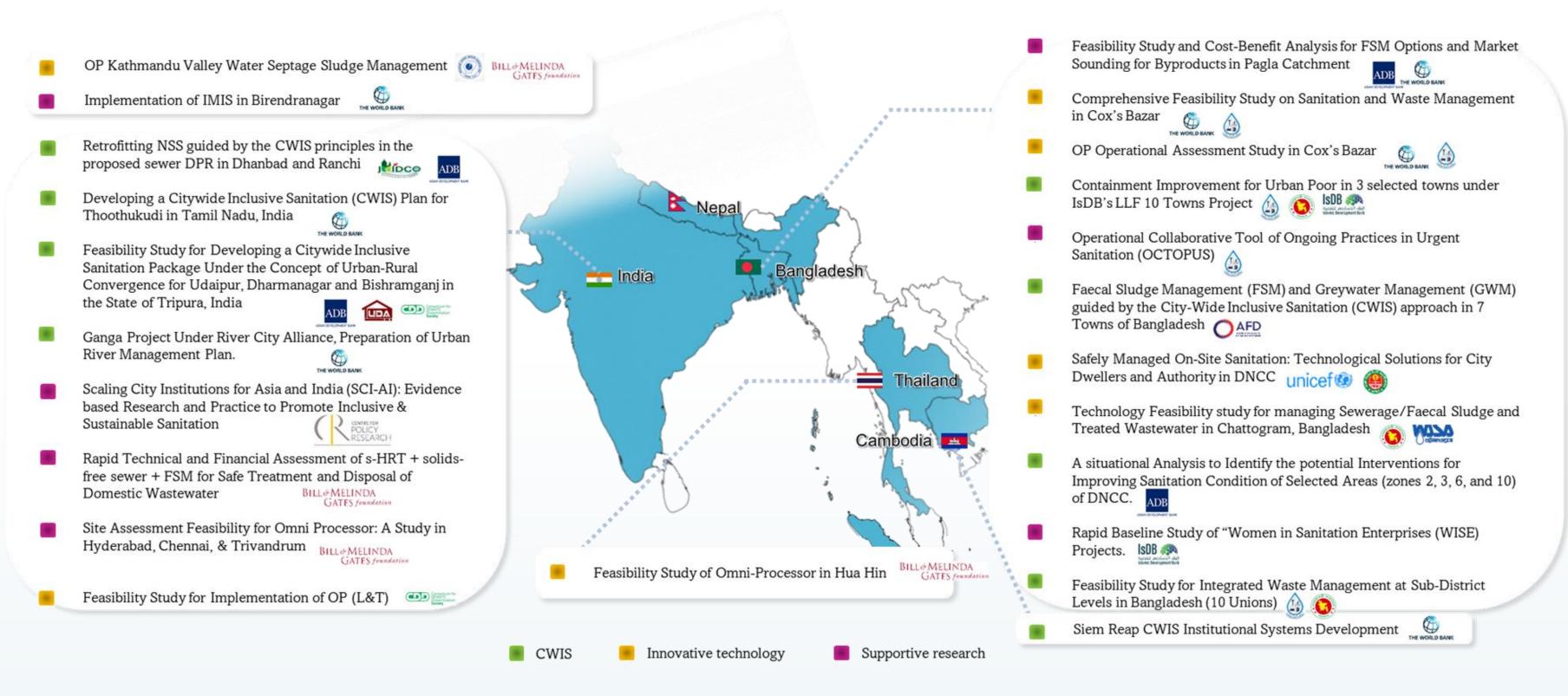








# Our Role and Projects in WASH



Disclaimer: Borders are blurred for political reasons



# **Ensuring Responsiveness to Diverse**

# Needs

#### **Localized Solutions and Cultural Sensitivity:**

Effective sanitation infrastructure implementation relies on more than technology; it requires supportive political frameworks, government policies, commitment, and balanced power relations among stakeholders at various levels to ensure progress.

- How do sanitation systems develop under the CWIS framework compared to traditional methods?
- How do we prioritize CWIS outcomes—Equity, Safety, and Sustainability—when choosing technology?



Ramgarh Cantonment Board Office

Mainstreaming CWIS (Citywide Inclusive Sanitation)

Solutions in Dhanbad and Ramgarh



Kushtia and Faridpur Municipalities
Implementation and integration of the IMIS with the
existing digital infrastructure.





#### **Access to Tailored Resources:**

Explaining GWSC's adaptive responses, allowing users to access region-specific resources, protocols, and innovations that suit varying emergency contexts.

#### **National Sanitation**

Dashbo



- The National Sanitation Dashboard (NSD) aids government and financial institutions in assessing sanitation conditions for investment.
- Includes sanitation and Solid Waste data from 61 cities (8 city corporations and 53 municipalities).
- The NSD is being upgraded to become a dynamic platform tailored to government officials' needs.

# **Octopus Training Modules**

- DPHE, AIT-GWSC, SI, and UPM signed an MoU to collaborate on FSM in the Cox's Bazar Rohingya camp, focusing on developing the OCTOPUS platform.
- A digital database of FSM case studies- aims to improve emergency service delivery and includes training modules for WASH practitioners.

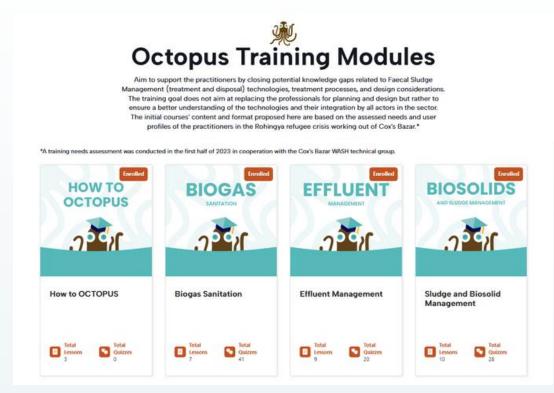














# Coordination with Other WASH Stakeholders

Diverse Partnerships: Connecting Pioneers to Drive Transformative Change in WASH

Our work allows us to collaborate with diverse partners, enhancing our capacity to address complex challenges in the WASH sector.

Implementing Partners | Strategic and Technical Partners | Funding Institutions and Agencies | Knowledge Partners and Insititutions



























# Joint Initiatives and Conferences: Cultivating Collaboration and Innovation Through Capacity-Building Platforms



AIT- IsDB CWIS & FSM Capacity Development Program



SEA-MaP: Knowledge Exchange Program



# The Approach to Innovation

# **Promoting Data Innovative Solutions:**

1 Stre

# Strengthening of Public Data Systems for Sanitation in Bangladesh (SPDSSB)

**Owned by:** Ministry of Local Government, Rural Development and Cooperatives

Managed by: Department of Public Health Engineering

#### Fortify public data systems by establishing:

Sanitation Data Command Center for seamless integration of IMIS, NSD and SDG Tracker governed by Data Governance Framework



# Integrated Municipal Information System (IMIS)

Implementation to strengthen Municipal Functions (Accountability, Responsibility and Transparency) of Birendranagar Municipality for effective service delivery

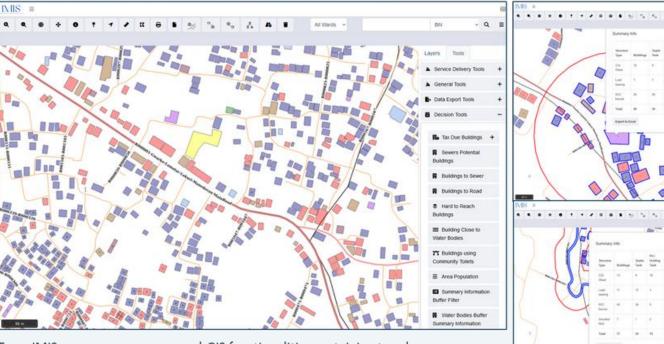
#### **Greywater Management**

Assessment of Greywater Management Monitoring Tool in IMIS for Odisha

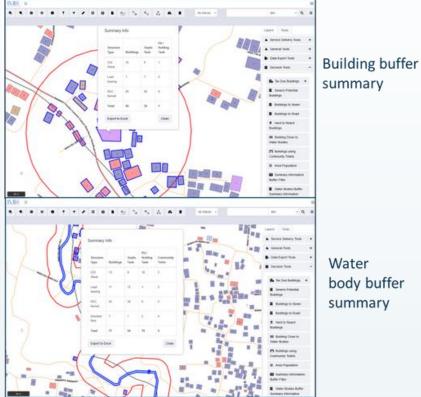
# Integrated Municipal Information System (IMIS)

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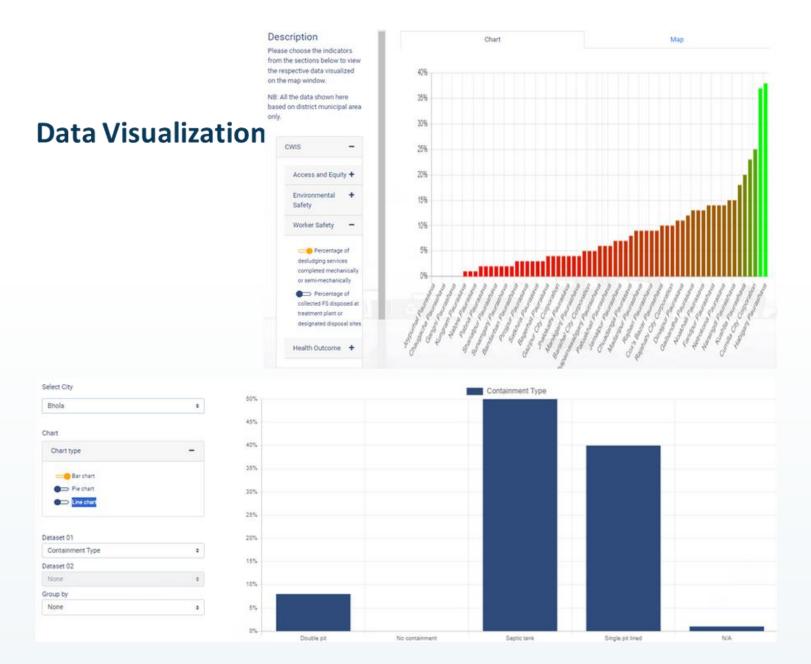
#### **Urban Management Decision Support System**



From IMIS, users can access several GIS functionalities pertaining to urban management and decision making without changing analysis environment.



# National Sanitation Dashboard





#### **Evidence based recommendations**



TA Hub sample workflow

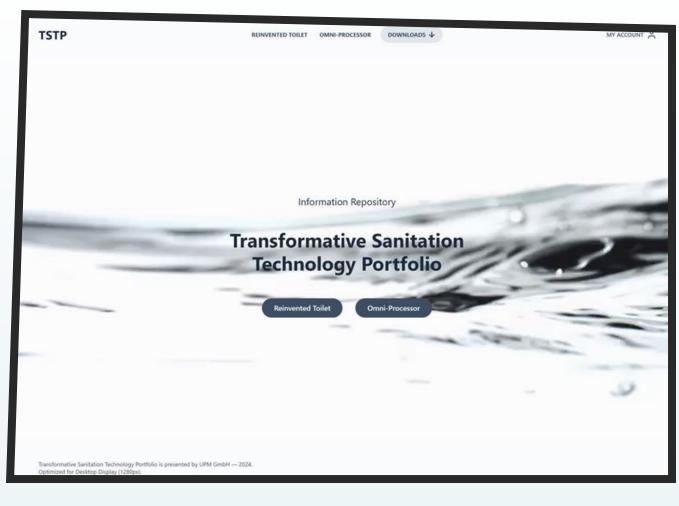
being faced, etc.

\*Procurement of partners can also go through the EoI process

#### **Incubation and Testing Ground:**







## 1 Aquonic systems

- Implementing 30 Aquonic systems in Yogyakarta and Surakarta, Indonesia.
- Enhancing the sanitation infrastructure in alignment with the City Sanitation Strategy of both cities.

# Climate-Smart WASH Technology Catalogue with Modeling

- A comprehensive survey of existing WASH technologies to identify and select the most effective Climate-Smart WASH solutions
- The catalogs focuses on evaluating, cataloging, and disseminating information on technologies that meet critical climate resilience criteria.

# **3** Transformative Sanitation Technology Portfolio

 Comprehensive knowledge resources and actionable dissemination plan to support awareness-raising and comprehension of Transformative Sanitation
 Technologies among identified target audience,

# Towards the future!!

# Future Opportunities to Strengthen WASH Community

Support



## **Expanding Digital and Remote Learning:**

Plans to grow online training programs and virtual resources, making critical knowledge accessible anytime and anywhere.



# **Enhanced Data Analytics and Predictive Tools:**

Integrating predictive analytics for emergency sanitation needs, enabling quicker, datadriven responses.



# Increased Focus on Resilience Building (WASH Health):

Initiatives that equip communities with the skills and resources to build resilience in preparation for emergencies, rather than only responding post-crisis.



# THANK YOU!!





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+66 2524 5361