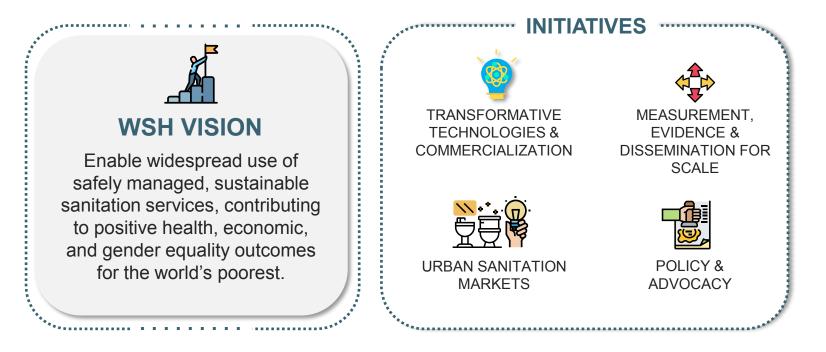
BILL& MELINDA GATES foundation

# GATES FOUNDATION REVEALED:

How we work, and how we partner with ADB

ADB-Gates Foundation Learning Week, Day 2 2<sup>nd</sup> December 2020 Dr. Roshan Shrestha, Deputy Director With Gates Foundation WSH Team

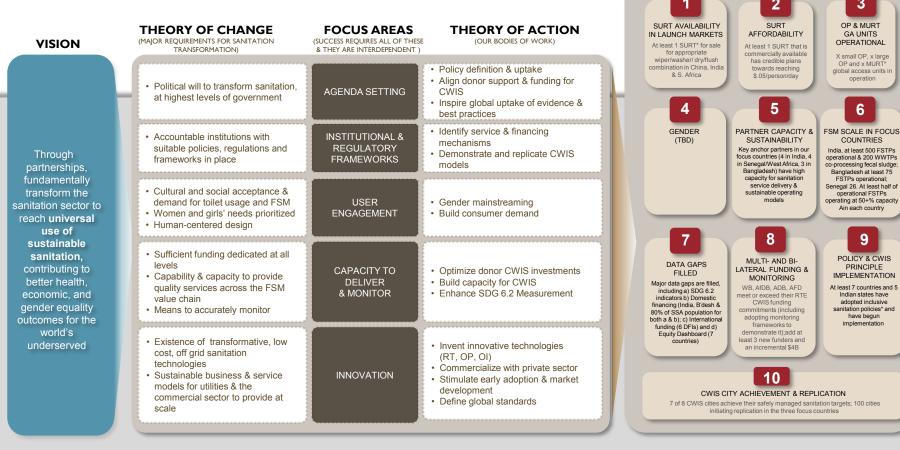
### WSH TEAM STRATEGY



#### Strategy Overview Brief here:

https://www.gatesfoundation.org/What-We-Do/Global-Growth-and-Opportunity/Water-Sanitation-and-Hygiene

### WSH STRATEGY OVERVIEW



2025 KEY OUTCOMES

3 OP & MURT

GA UNITS

operation

6

COUNTRIES

Ain each country

9

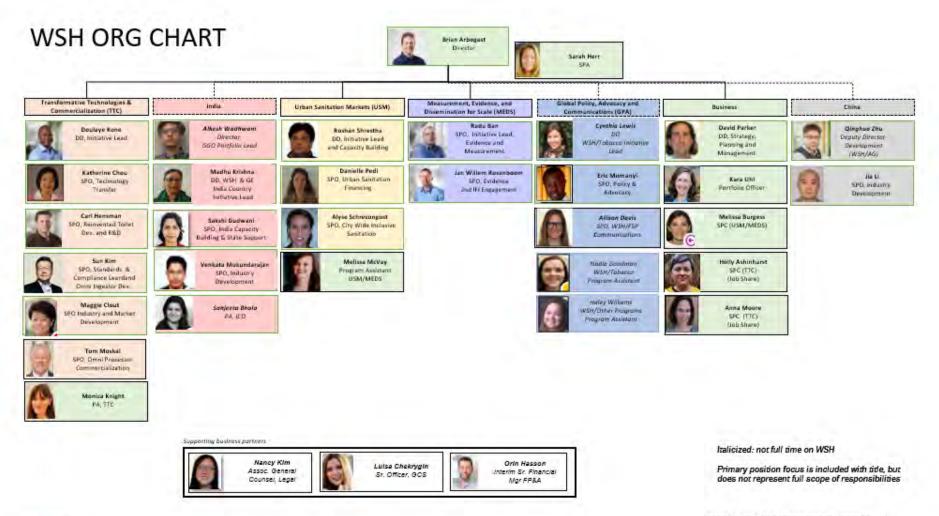
PRINCIPLE

Indian states have

adopted inclusive

have begun

implementation



# GATES FOUNDATION 'MODUS OPERANDI': HOW WE WORK IN ASIA AND BEYOND

## HOW WE WORK



We are a small team responsible for managing a large number of grants



We have small teams in India and China; we do not have country presence in other countries



We rely on grantees & partners for implementation; we care most about outcomes, not activities/outputs



We do not need any recognition; we do not encourage our partners to use our logo



We are 'impatient optimists'



We take risks and encourage our partners to consider the same



We believe in innovations, and we support a change from doing 'business as usual'

# OUR COUNTRIES OF ENGAGEMENT IN ASIA

### **Focus Countries**

- India and Bangladesh
- Deeper engagement with national govt, state govt, and municipalities
- Policy and Advocacy intervention
- Demonstration, Replication, and scaling CWIS
- Capacity Building
- Technologies demonstration

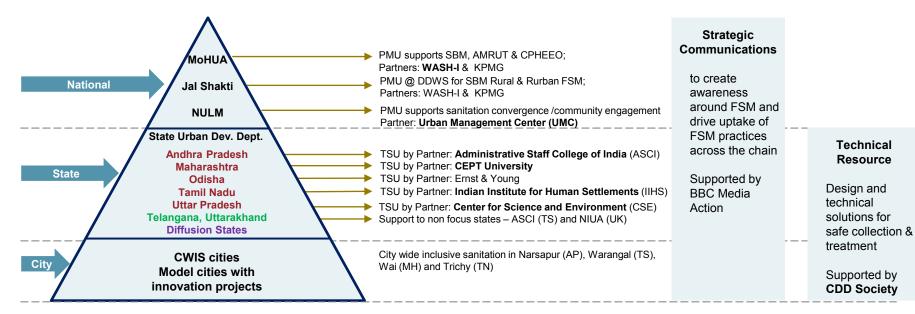
### Reinvented Toilet (RT) and Omni-Processor (OP) Market Lunch Countries

India and China

### Limited Engagement Countries

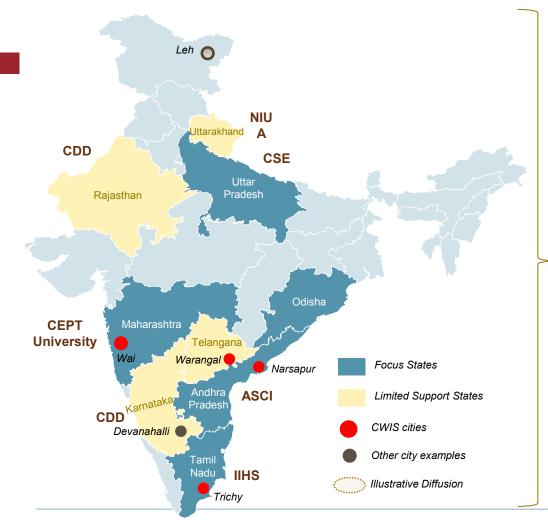
- Nepal: Policy and Advocacy support for CWIS-FSM policy adoption and capacity building for scaling
- Pakistan : Market Assessment for innovative technologies (RTs and OPs)
- Indonesia: Exploring engagement with IsDB for SANIMAS phase 2; Market Assessment of RTs and OPs

# WSH India: Operational structure and engagement with key government, grantee partners and platforms



#### MULTI STAKEHOLDER ENGAGEMENT PLATFORMS

India Sanitation Coalition (hosted at FICCI) National FSSM Alliance (supported by **Dasra**) BMGF WSH Partners' Collaborative Platform (supported by Dasra) Sanitation Capacity Building Platform (supported by **National Institute of Urban Affairs**)



### WSH INDIA - PATH TOWARDS SCALE: INSTITUTION BUILDING

### Anchor Partners:

- **ASCI:** Administrative Staff College of India
- IIHS: Indian Institute for Human Settlements
- **CSE:** Center for Science and Environment
- CDD Society: Consortium for DEWATS Dissemination Society
- CEPT University: Centre for Environmental Planning & Technology

Organizations that support diffusion:

Diffusion

PMU @

Central

Ministry:

by WASH

Institute

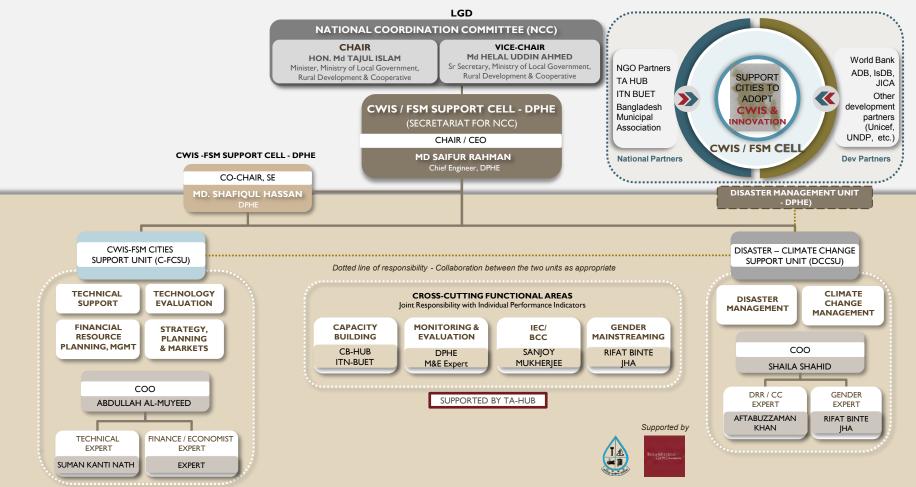
through the

- WASH Institute technical assistance provider at national level
- Dasra partner network platform for cross learning
- National Institute for Urban Affairs (NIUA): capacity building platform



### CWIS-FSM SUPPORT CELL | DRIVING SUSTAINABLE INCLUSIVE SANITATION





**GOAL:** To support the Government of Bangladesh in achieving **SDG 6.2** – access to adequate and equitable sanitation and hygiene for all; including **scaling City-wide Inclusive Sanitation (CWIS)** facilitating private sector participation by enhancing coordination between the private and public sector players, improving fecal sludge management and paying special attention to the needs of women and girls and those vulnerable



### POLICY, ADVOCACY & COMMUNICATION

- Engage GOB through CWIS/FSM Cell at DPHE for scaling CWIS
- Strengthen partnerships with Municipal Association & FSM Network for National & local advocacy and awareness
- Support in implementation of CWIS-FSM National Action Plan

#### CAPACITY BUILDING

Enhance knowledge around CWIS & FSM to officials from DPHE, LGIs & private sector through customized training, peer to peer learning & exposure visits

### 2021

CWIS REPLICATION INTIIATED IN ADDITIONAL 5 PAURASHAVAS & I CITY CORPORATION

#### FINANCING FOR CWIS and FSM

- Support integration of CWIS in all IFIs (ADB, WB, IsDB and JICA) projects and replication of CWIS initiated in the cities.
- Integration of RTs and OPs in their investment

#### MEASUREMENT, EVIDENCE & DISSEMINATION

- Track progress in 4 CWIS cities (Khulna; Khustia, Jhendaidah, & Faridpur) & develop guidelines / best practices
- Develop National level CWIS monitoring framework with credible indicators disaggregated by gender & socio-economic status and establish IMIS



### POLICY, ADVOCACY & COMMUNICATION

- Support in implement the national level communication strategy
- Continue support in implementation of IRF as per National Action Plan

#### CAPACITY BUILDING

- Continued Capacity Building of key officials from govt, LGIs and private sectors
- Produce knowledge products as per field experiences, integration into the cap building program and communication campaign

### 2022 CWIS REPLICATION INTIIATED IN ADDITIONAL

15 PAURASHAVAS & 2 CITY CORPORATIONS

#### FINANCING FOR CWIS and FSM

- Continue replication of CWIS in IFIs projects and increasing infrastructures for FSM
- New investment for CWIS aligned projects approved that also includes investment for RT and OPs

#### MEASUREMENT, EVIDENCE & DISSEMINATION

- Established National Level IMIS and track the progress
- Continuously develop knowledge products for sharing and learnings



### POLICY, ADVOCACY & COMMUNICATION

Institutionalized policy, regulation at all level and govt and LGIs to continue its implementation

#### CAPACITY BUILDING

Continued Capacity Building & awareness raising through the established system

### 2023 - 2025

END OF 2025

(ALL ADB, WB, ISDB CITIES) TO REPLICATE & MAINSTREAM CWIS

#### FINANCING FOR CWIS and FSM

- Continue replication of CWIS in IFIs projects and increasing infrastructures for FSM
- New investment for CWIS aligned projects approved
- Increased demand for RT and OPs

#### MEASUREMENT, EVIDENCE & DISSEMINATION

- Capture learnings and impact from the towns
- Track the approval of NAP and its implementation

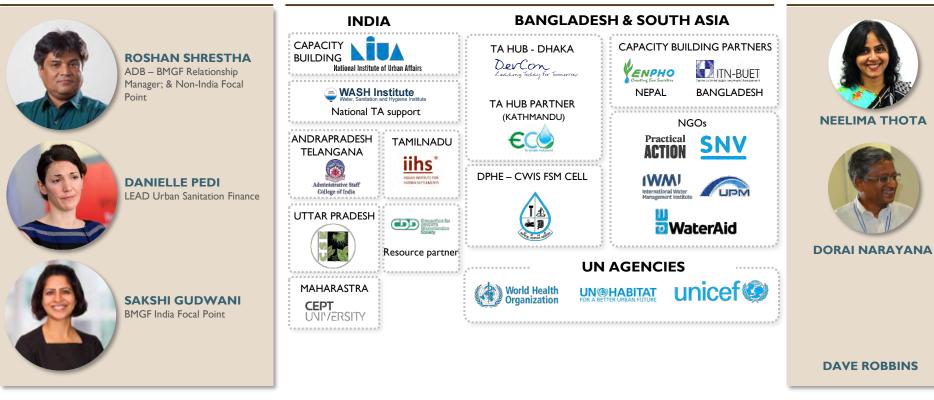
#### **REVOLUTION IN BANGLADESH'S WSH SITUATION THROUGH CWIS INTEGRATION**

### ADB RELATIONSHIP: WSH TEAM, GRANTEES, PARTNERS & EXPERTS

### **WSH TEAM**

### **GRANTEES & PARTNERS**

### **SENIOR EXPERTS**



# MARKET ENTRY: TRANSFORMATIVE TECHNOLOGIES

# TRANSFORMATIVE TECHNOLOGIES: 3 SUB-PORTFOLIOS

### **REINVENTED TOILET**





Single-unit (SURT)

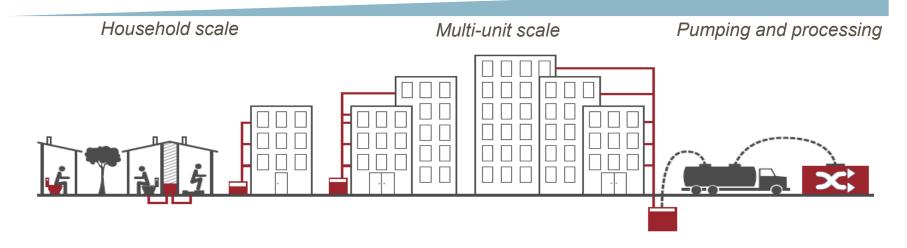
Multi-unit (MURT)

### **OMNI INGESTOR**

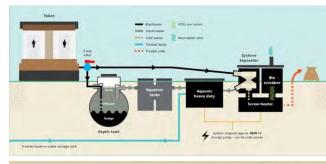


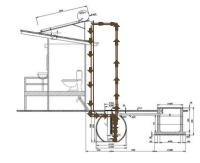
### **OMNI PROCESSOR**





### TECHNOLOGY DEVELOPMENT AND MARKET ENTRY IN ASIA

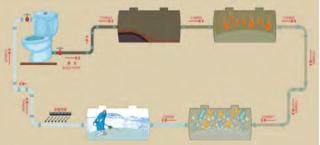




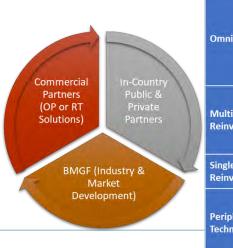


Techno







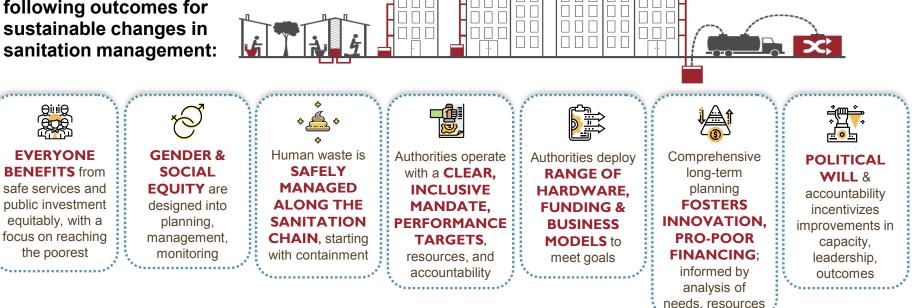


ology Category	Commercial Supplier	Product Status
i Processor	CRRC (China)	Ready for market
	Ankur (India)	Ready for market
	Sedron (USA)	Ready for market
	Biomass (USA)	Ready for market
	Kalyani (India)	Technology licensed
-Unit vented Toilet	Clear (China)	Ready for market
	SCG (Thailand)	Ready for market (liquid)
	EnvironLoo (South Africa)	Technology licensed
	Eram (India)	Technology licensed
e-Unit vented Toilet	Huatie (China)	Technology licensed
	Rossi (South Africa)	Technology licensed
heral nology	Firmenich (malodor blocker)	Ready for market
	EOOS (urine trap FE)	Ready for market
	Envirosystem (EnviVac air flush FE)	Ready for market
	Laufen/Roca (water saving interface)	Ready for market

# SHIFTING TOWARDS CITYWIDE INCLUSIVE SANITATION (CWIS): WHAT WE ARE LEARNING SO FAR

# THE FUTURE: CITY WIDE INCLUSIVE SANITATION

We aim to achieve the following outcomes for sustainable changes in sanitation management:



### GATES FOUNDATION CWIS FRAMEWORK: Promoting a Public Service Approach

ଟ

3 COOD HEALTH

-4/0



Services reflect fairness in distribution and prioritization of service quality, prices, deployment of public finance/ subsidies

EQUITY

0

### 

### SAFETY

Services safeguard customers, workers and communities from safety and health risks by reaching *everyone* with safe sanitation

#### 

### SUSTAINABILITY

Services are reliably and continually delivered based on effective management of human, financial and natural resources



### RESPONSIBILITY

Authority(s) execute a clear public mandate to ensure safe, equitable and sustainable, sanitation services for all

### ACCOUNTABILITY

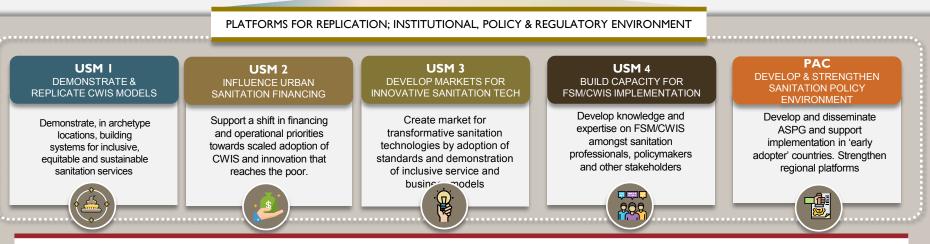
Authority's(ies') performance against mandate is monitored and managed with data, transparency, and incentives

### RESOURCE PLANNING & MANAGEMENT

Resources-human, financial, natural, assets-are effectively managed to support execution of mandate across time/space

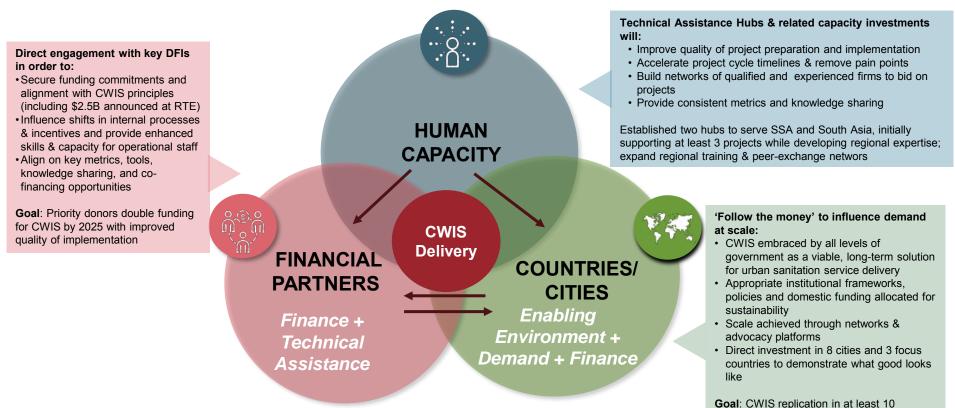
## BUILDING BLOCKS FOR CWIS AT SCALE





MEASURMENT, EVALUATION AND DISSEMINATION, FOR SCALE (MEDS) CROSS-SUPPORT

# WHAT WILL IT TAKE TO SCALE CWIS: OUR STRATEGY



\*Alongside other investments in long-term CWIS/NSS capacity building for key actors in the sector

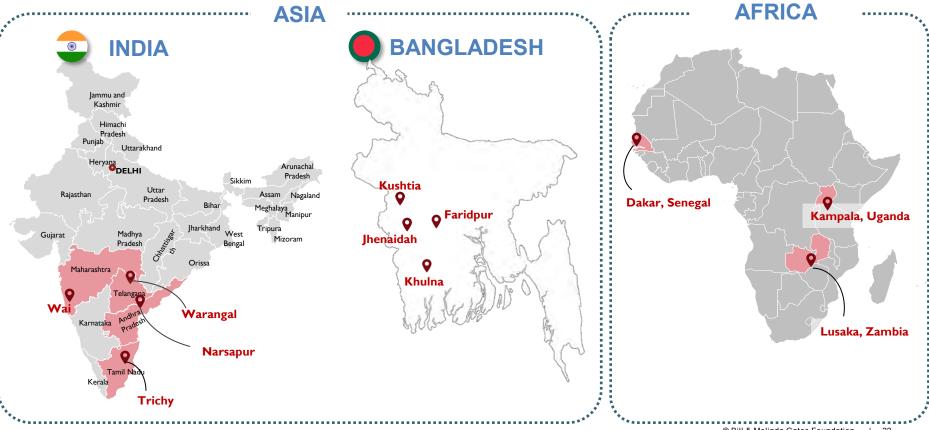
countries by 2025

## WHAT WE ARE LEARNING SO FAR FROM COUNTRY WORK

### **COUNTRY ENGAGEMENT**

- Policy change does not drive change alone, the systems, budgets and human resources need to be in place
- Financing and infrastructure require a commensurate focus on service delivery systems
- Few countries have the institutional and regulatory framework (IRF) to incentivize provision of inclusive sustainable services
- Capacity gaps at all levels are real and pervasive; progress will be difficult without addressing this and capacity development takes time
- Investments in national-level 'systems' or 'soft' infrastructure is needed for projects results to sustain and scale: e-governance, integrated MIS systems, IRF and capacity building of implementers
- Utility and municipal governance change management takes time human resource capacity & internal structure and financing are huge endeavors that can be very difficult
- Political economy matters: not just about technical capacity, but also incentives, systems, data/evidence and ADVOCACY to 'change hearts and minds'

## **CWIS CITY PORTFOLIO**



# WHAT WE'RE LEARNING SO FAR: CWIS CITIES

#### **FUNCTIONS**

- <u>Urban Sanitation Mandates</u> are sewer-limited, unclear, or decoupled from performance expectations and finance
- <u>Municipalities are rarely financed or incentivized</u> to improve service levels or coverage; may not have sufficient autonomy to hire, generate revenue to organize inclusive public sector service
- <u>Municipal governance reform</u> may determine limits and opportunities for sanitation system-strengthening
- Performance Accountability systems, generally, do not exist for municipalities, are not applied to NSS for utilities, are not backed by measurement systems when applied
- <u>Civic engagement needs to be built into institutions</u> to support behavior change, comm engagement, and reinforce transparency
- Financing decisions and outcomes still political, opaque, unaligned, inequitable; decision process transparency and clarity requires clear mandates and performance data
- <u>State/National Systems</u> that clarify mandates, establish accountability systems, and tie finance to policy priorities, are required if city-level project gains are to be sustained or replicated

### OUTCOMES

- <u>On-site upgrading does not scale or reach the poor</u> with behavior change and marketing alone. Subsidies are required for safe, inclusive containment & connections
- <u>Services do not reach LICs</u> without meaningful and enforced incentives; different private sector engagement approaches are required to reach LICs
- Formalizing emptying services does not guarantee safe emptying jobs. Inappropriate/missing PPE gear, manual emptying, manual trash, broken/poorly designed mechanized equipment prevail if workers' labor rights are not actively protected
- Integrated NSS/SS planning, service coordination, finances can improve efficiency and accountability
- <u>Measurement & monitoring approaches</u> are unharmonized, but often expensive project-based monitoring fills data gaps in lieu of investing in monitoring systems for improved governance
- Private sector finance is available if gov't actively structures demand and addresses payment risk; this is required at all stages of 'value chain'

#### **INNOVATIONS**

- <u>City/Utility IMIS</u> can improve city services; requires training, software integration, time. Success greater if integrated into national accountability/planning requirements (NWASCO/Lusaka, DPHE/Jhenaidah)
- <u>Decanting stations</u> for fecal sludge/septage reduce travel, costs, infrastructure redundancies; ease private sector engagement, safety (Trichy/Lusaka)
- <u>City-scale revenue</u> using "payment commitment" devices like levies, property taxes, bundled tariffs are necessary for inclusive services, but insufficient for on-site upgrades or services; strengthens municipal incentives but difficult to tie to performance (Wai, Lusaka, Khulna)
- <u>Hardware is costly</u> for dense, unplanned, highwater areas, SS or NSS; no escaping long term gov't investment (Kampala, Warangal, Khulna, Dakar)
- <u>Revenue from reuse</u> possible but no breakeven opex outside orchestrated projects (all cities)
- <u>Gender</u> training req'd across city/utility departments; gender mainstreaming in all service engagements (Khulna, Warangal, Trichy)

### WHAT WE ARE LEARNING SO FAR WITH **DFI INVESTMENTS**



#### DFI INVESTMENTS and PARTNERSHIPS

### **Country Engagement & Modus Operandi**

- Upstream work (awareness, capacity building, client demand creation, knowledge) is crucial but not sufficient; clear links needed between policy/enabling environment strengthening and projects – country enabling environment is key
- · We can't change everything aim to FOCUS on what we care about most: '% poor with safely managed services'
- Our optimism can get the better of us; must openly discuss/agree on realistic timelines, especially for systems change goals
- It helps to structure teams and focal points at sub-regional level & prioritize countries of focus: Gates team is small, we can work more efficiently if we focus on shared geographies & comparative advantages

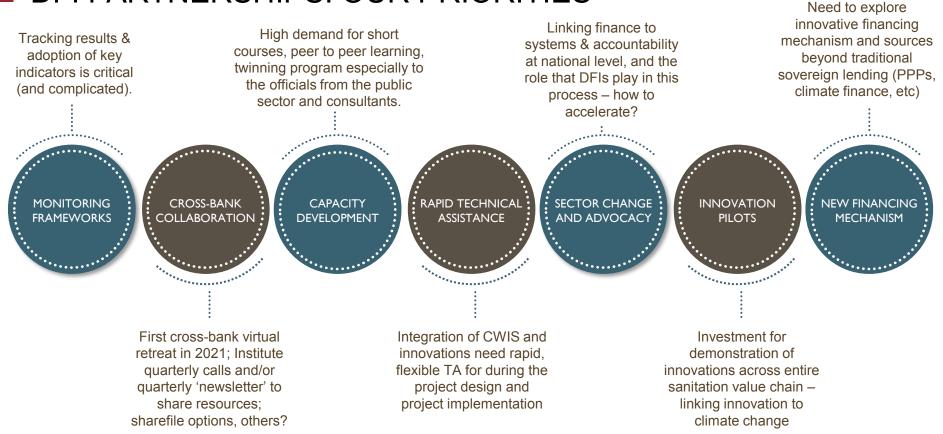
#### **Systems Change**

- Measurement and data matters: If we can't measure it, we can't manage it (accelerating SDG 6 will require creativity)
- We must work from within to change the sector: Build trust and internal allies; support demonstration of practical 'islands of success' and examples of what works; support you the experts to lead and shape the CWIS agenda
- Change management is all about PEOPLE! We will continue to focus on shifting internal incentives and process, training/exposure to new ways of working, identifying & nurturing champions at all levels (but especially POs)
- We understand that development banks have constraints project cycle, procurement, etc. and we are looking for the best ways to support you BOTH to work within the constraints, AND change what can be change

#### **Collaboration for Scale**

- We look for opportunities to leverage through collaboration: cross-bank learning retreat on sidelines of Sanitation Dialogue 2021; opportunities for co-finance at country level
- We want to use our investments and partnership to incent collaboration between banks & UN Agencies (UNICEF, UN-Habitat)

# DFI PARTNERSHIPS: OUR PRIORITIES



# **THANK YOU!**

**GITYWIDE INCLUSE**