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Asia Water Forum 2022

8–11 August 2022 • Online

Focus Area: Universal water supply and sanitation services

Session Title: Strengthening WASH towards universal access

Schedule: 9 August 2022 | 11:00 AM to 12:30 PM



ADB



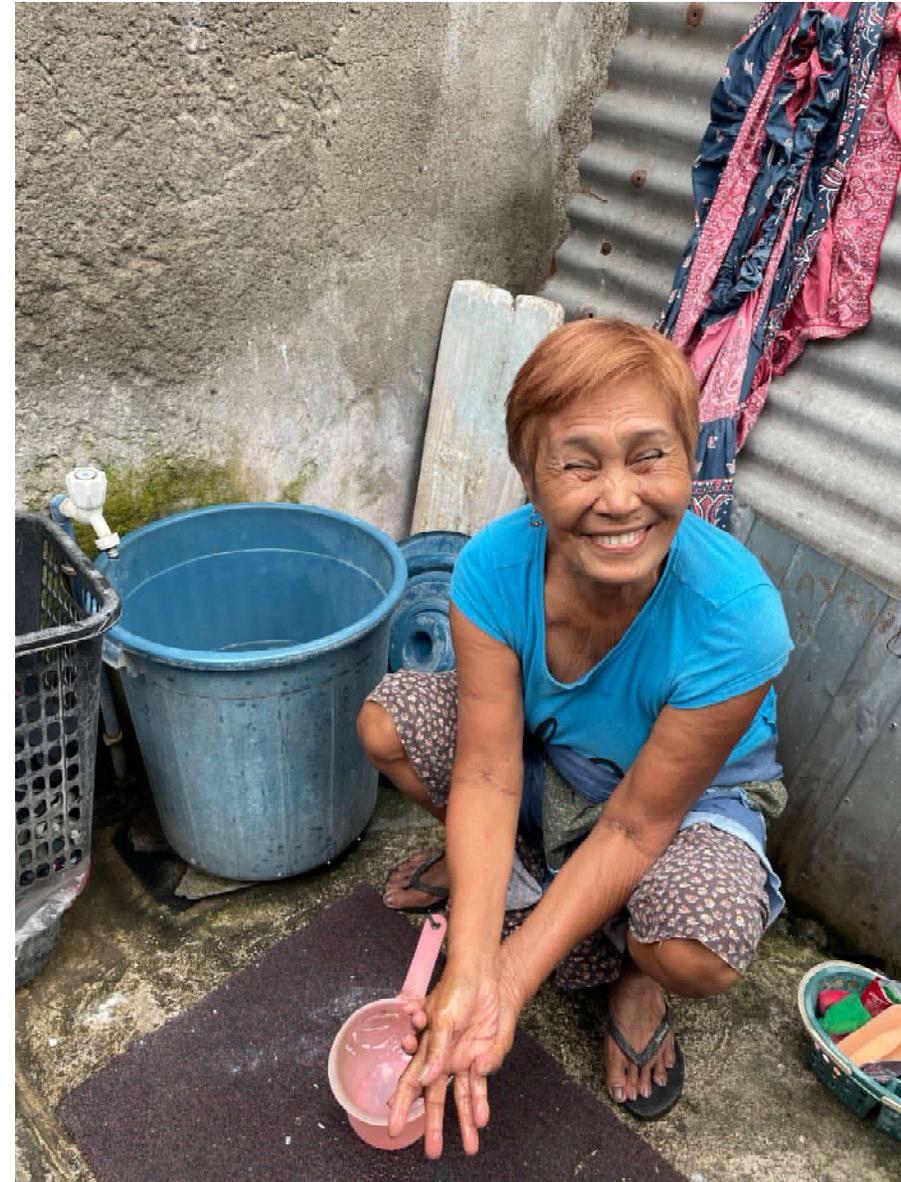
Water and Life Philippines

Our Belief:

Urban poor communities also deserve and can afford sustainable water supply at home.

The Problem We Address:

How might we make running water at home affordable and sustainable for urban poor communities?

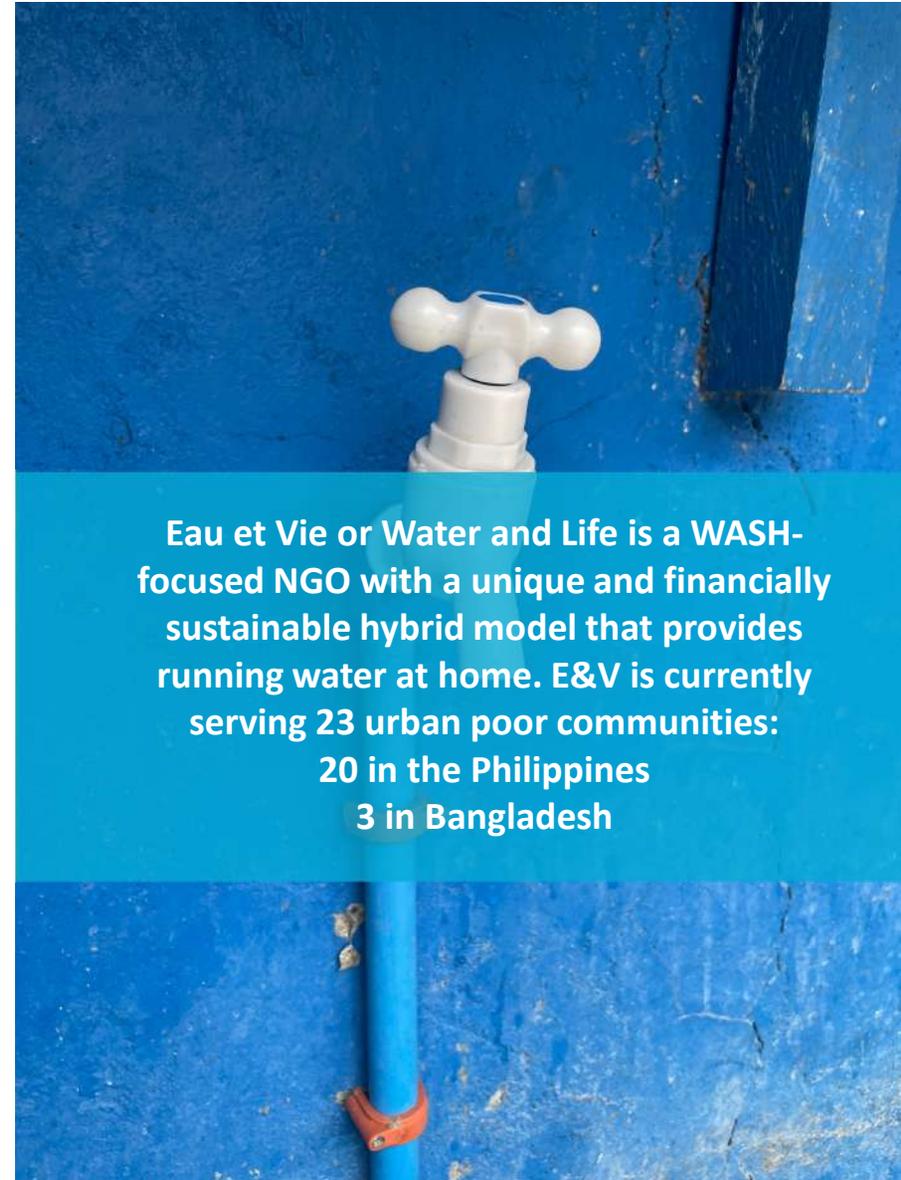




Our Hybrid Model

The local NGO deploys social impact activities that empower the communities.

The social enterprise offers sustainable water access at home.

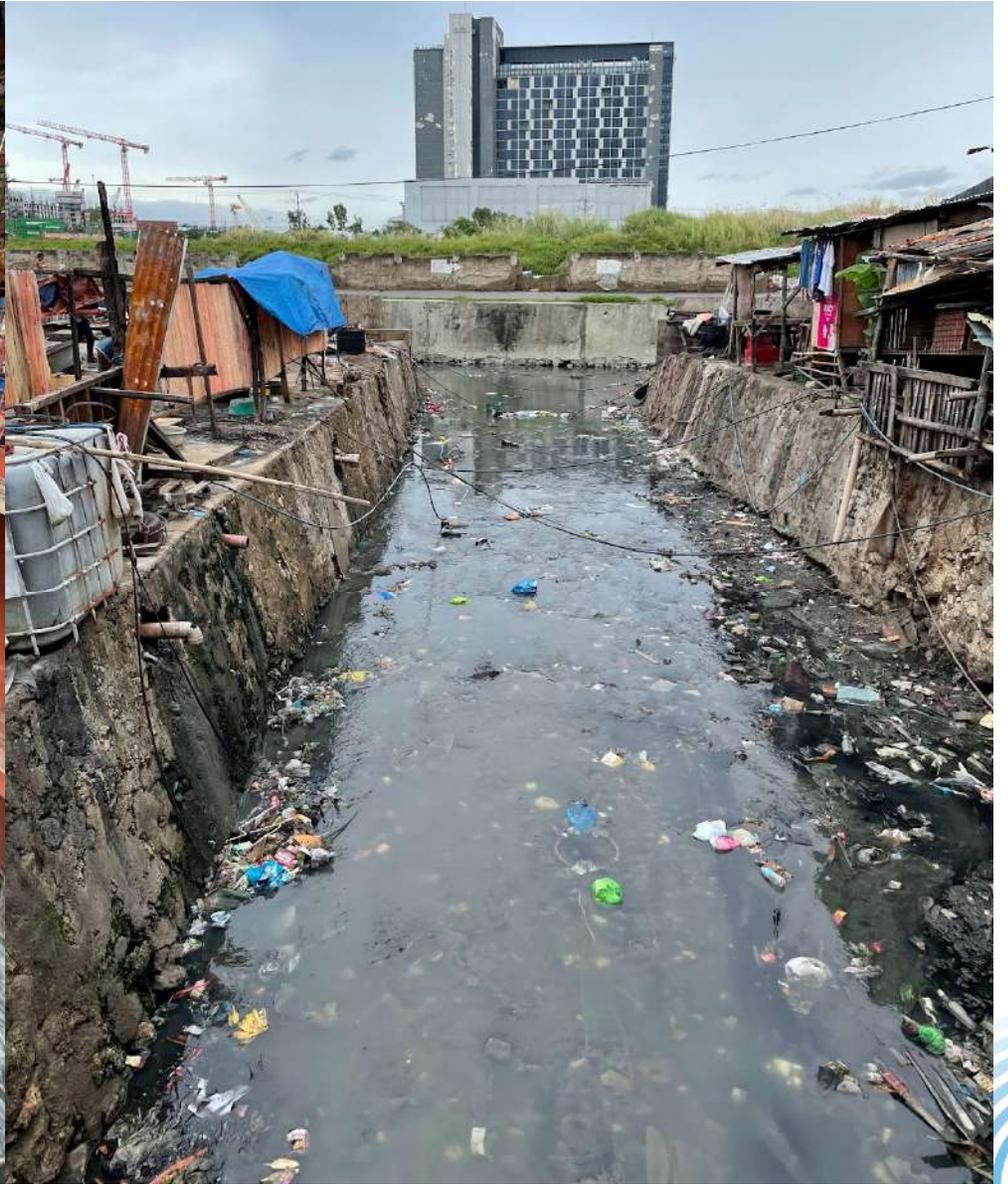
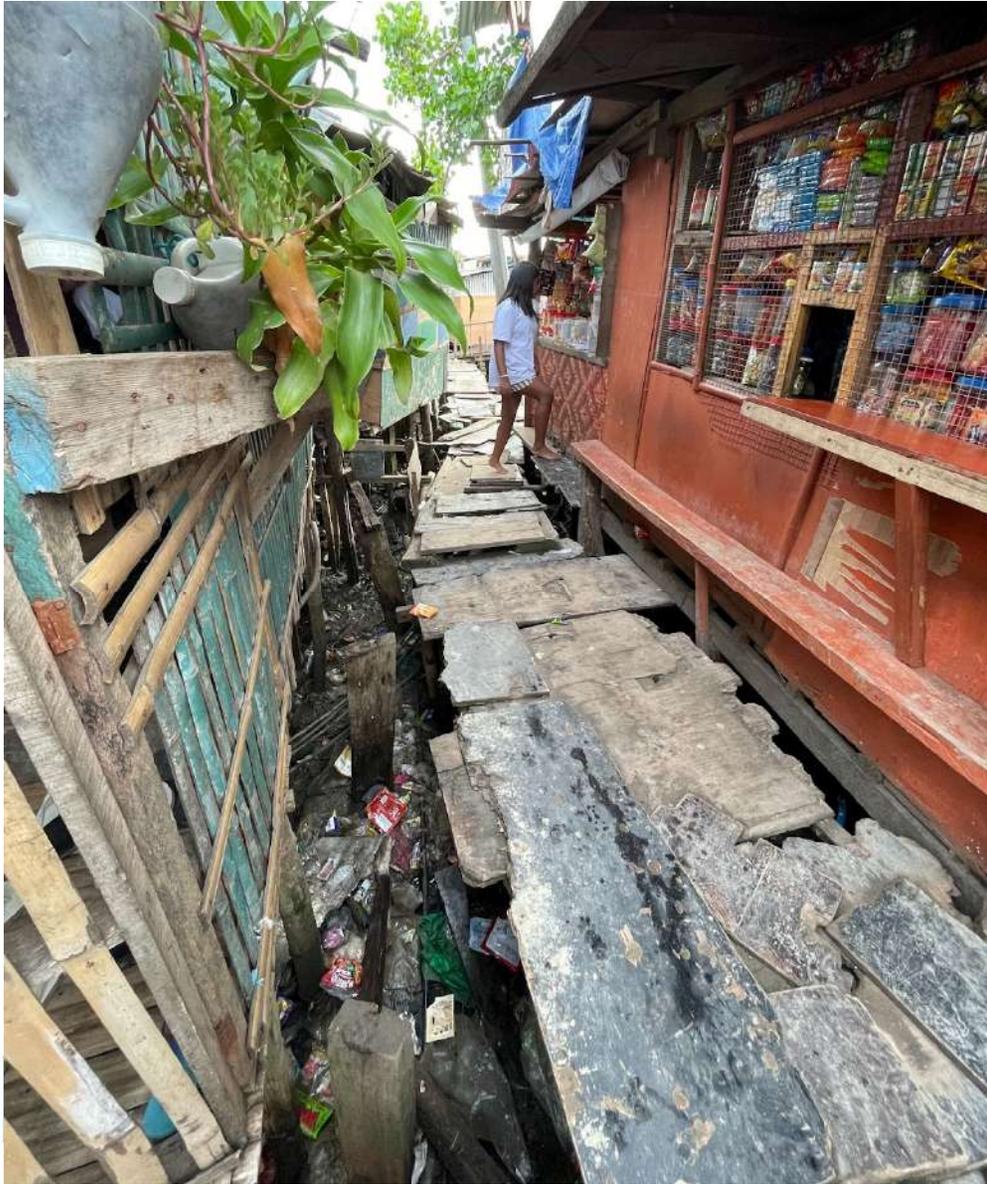




Understanding the problem of water security in urban poor communities

- Public or shared water source causes **conflicts** among the inhabitants and is prone to **contamination**.
- Inhabitants were **paying 4 to 6 times the price of water** when buying from water resellers
- Women and children **spend hours every day** just to fetch water– time that they could have used for studying or other productive activities.
- Inhabitants are willing to pay for water service, but **existing systems have difficulties accommodating their needs**.
- Urban poor communities face **land conflicts, unconventional housing arrangements, challenging terrains** that make it hard for the building of water network.
- Inhabitants also normally **do not have the official documents** required by existing water operators.
- They work in the informal sector making it more feasible for them to **pay on a weekly twice a week basis**.







**Enhanced vulnerabilities of
urban poor communities**

1

Covid-19 Pandemic

2

Typhoon Odette/Rai

3

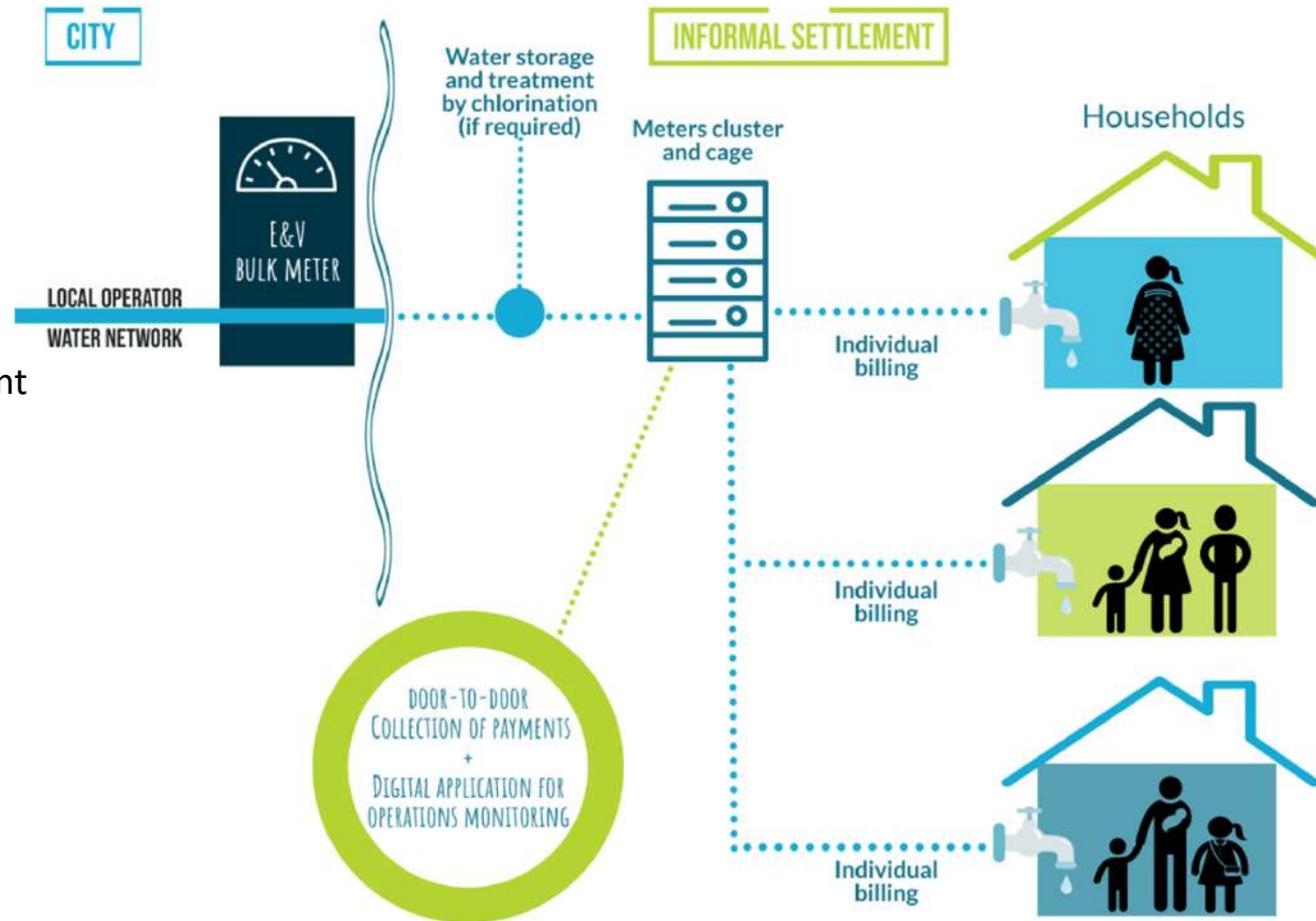
Fire





Making the system work for urban poor communities

- Door-to-door collection according to the needs and payment habits of each household
- No minimum consumption required and knowledge on monitoring their consumption.
- Installment basis for water access payment
- Water Management System App (Wamasys) for operation and customer management
- No interest for unpaid bill and no reconnection fees
- Connection process only takes a day with minimum requirements





Tubig Pag-asa Approach





Water Management System (Wamasys)

The screenshot displays the Wamasys web application interface. At the top, the header includes the Wamasys logo, the user location 'MAFLORES - EAU ET VIE' and 'Mantuyong Guizo (TPA Mandaue)', a language selector, and a search bar for contracts. A left sidebar contains navigation options: Dashboard, Contracts, Meters, Reporting, Events, Bigdata reporting, and a Reporting section with sub-items like Global summary, Annual summary, Geolocation, and Inter agency. The main area features a map of Maflores with numerous green markers representing active contracts. Above the map are three dropdown menus for 'Agency', 'Area', and 'Contract type'. A 'LAYERS' panel on the right lists various data layers, including 'Billing for period', 'Water consumption (cumul for peri...', 'Water consumption (cumul for period)', 'Daily water consumption by contract ...', 'Daily water consumption by people (...', 'People count', and 'Contracts count'. The 'Active contracts' layer is currently selected and highlighted with a green pin icon.





Making the system work for urban poor communities

Water action is gender equality action.



Hygiene and Sanitation Program



Community Empowerment Program

Environmental Program



Firefighting and Emergency management Program



Water action is climate action.





Philippines: Building resiliency to ensure water security

- 884 volunteers
- 70% are women
- 73% of environmental participants are women
- 89% of community-building participants are women
- Women-led project: urban garden in Cavite
- Equipping communities with fire hydrants and other firefighting and first aid equipment
- Closely working with Bureau of Fire Protection
- Fire volunteers successfully put out fire before firefighters arrived in Cavite in 2021
- Establishing volunteer brigades in each community ensures safety among the inhabitants and sustainability of water network





Bangladesh: Building inclusivity to ensure water security

Extreme Poor Policy:

- Household with a disable head of household
- Single-parent household
- No regular revenue household

Benefits:

- Doesn't pay access fee for water services
- Has the right to access for free 50 liters/day/person (limit of 4 people per household)



We currently have 7 beneficiaries in Dhaka under this policy.



10,164

Beneficiaries
having access to
water at home



150

Active
Firefighters



116

Latrines built



58

Employees





Achieving universal access intersects with other goals



“Last year, Water and Life finally arrived. It helped us save money and time. We no longer have to fall in line. The water is available whenever we need it. We save money as well because we are a family of four and one week consumption is just 150 php. Before, my 150 php especially when I’m doing laundry can only cover one day. I also have a small business now. The water is tested if potable so I sell it as ice for drinking and since we have lots of fisherfolk here I also sell it to them for preserving their catch. The water access helped me since I earn from selling with a small capital because the water is affordable.



44,716
individuals who have water access at home in urban poor communities



72,400
individuals equipped in water and sanitation, solid waste management, firefighting and emergency management, and community empowerment



75 handwashing stations serving **15** urban poor communities



17,500
Kgs of waste collected



86 employees
94% of the staff hired locally
30% of which are from our areas of intervention



601 volunteers firefighters

