

SAFE

साउथ एशियन फोरम फॉर एनवायरनमेंट
South Asian Forum for Environment
Registered Civil Society Organization for Sustainable Development & Poverty Alleviation
In Consultative Status with ECOSOC & major stakeholder in UN system

SOUTH ASIAN FORUM FOR ENVIRONMENT [SAFE]

- ✓ STRENGTHS, INITIATIVES IN THE WATER SECTOR
- ✓ WHAT AREAS OF COOPERATION CAN BE EXTENDED TO NWM IN ACHIEVING ANY OF THE GOAL/S
- ✓ WHAT PILOT /DEMONSTRATION PROJECTS CAN BE TAKEN UP





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STRENGTHS OF SAFE

- **15 years of experience in hardcore implementation and research in water management in South Asia**
- **Team of professionals and experts in adaptive water resource management and implementation**
- **Active collaboration with international water organizations like IWMI, JWF, IWC etc.**
- **Accredited with several Water Awards from UN (2015), World Bank (2014), Ashden Longlisting (2016), Hogan Lovell's (2017) GDN & FICCI (2018).**





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INITIATIVES: Water Sector

WASH: Catering 50K urban and rural households with Renewable Energy intervention in WASH and ISWM across Eastern and NE India.

WATER STRESS : Micro-watershed management in 17 drought affected blocks with Community Water Banking – A Right Based Water Conservation Approach

HYDROPONICS: Using hydroponic technology for flood resilient float farming in Climate Smart Agriculture

MICRO-IRRIGATION: Using micro-irrigation technology for budgeted water usage in water stressed areas through participatory crop planning

ADAPTIVE AQUAFARMING: Fish farming, crab fattening and algaculture in flooded areas are promoted as adaptive aquafarming



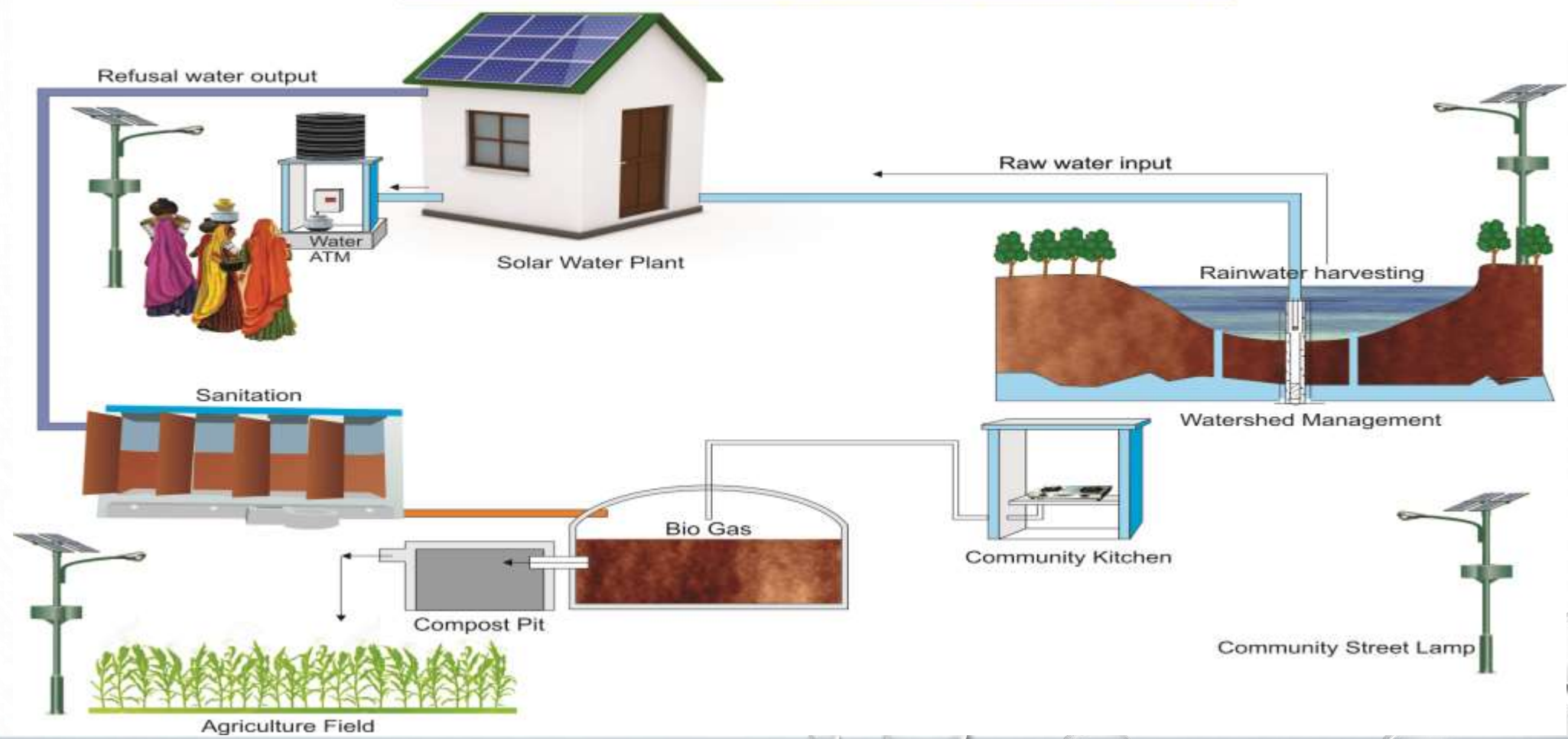
SOLAR-WASH IN KOLKATA SLUMS



- 1. KALIKAPUR**
No of HH: 542
BPL: 87%
Women: 48%
- 2. BANTALA**
No of HH: 480
BPL: 72%
Women: 45%
- 3. NONADANGA**
No of HH: 320
BPL: 92%
Women: 48%
- 4. RANIA**
No of HH: 527
BPL: 82%
Women: 46%

WASH-US: The cyclic design – circular economy

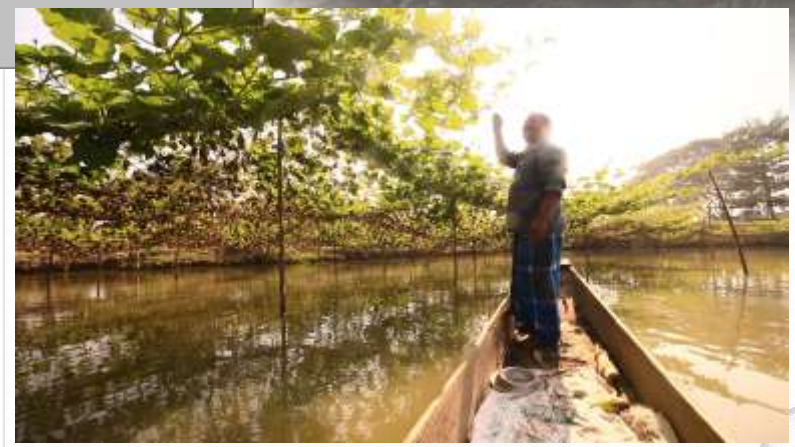
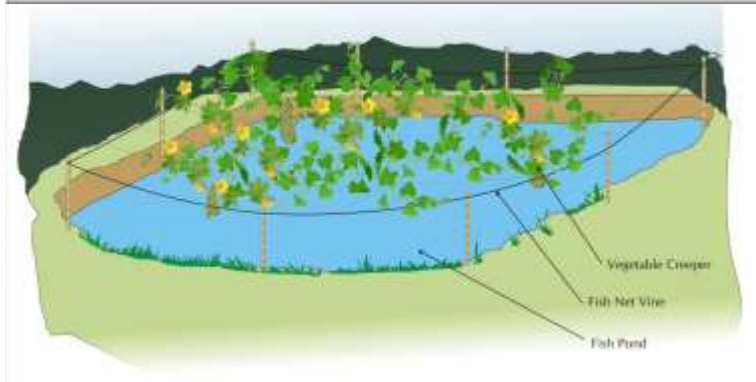
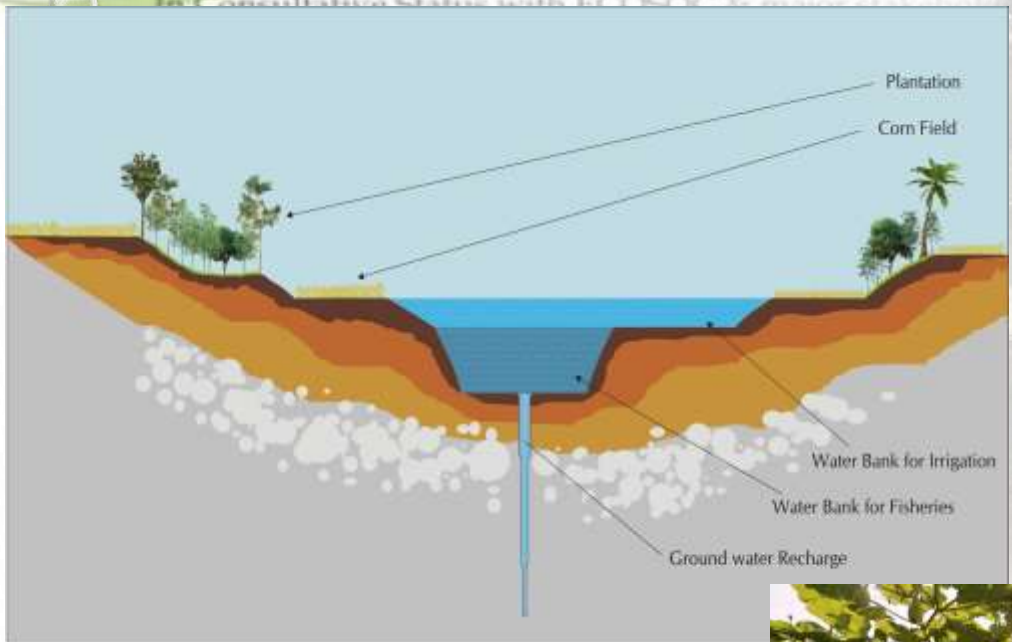
SUN-VILL WASH PROJECT IN SUNDARBANS





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COMMUNITY WATER BANK



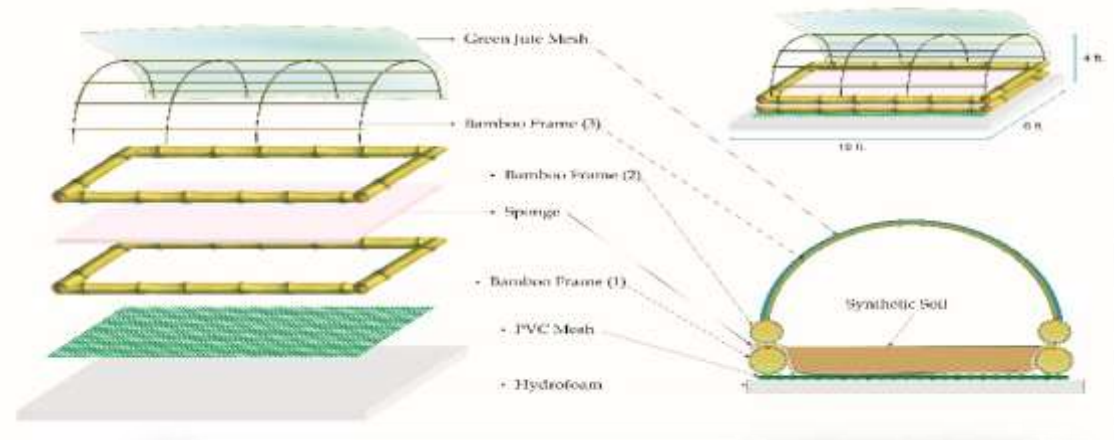


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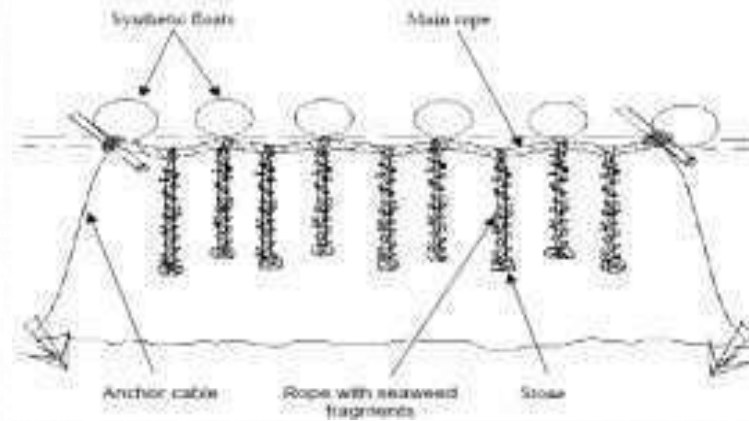
HYDROPONIC FLOAT-FARMING



HYDROPONIC : FLOAT-FRAMING TRAY

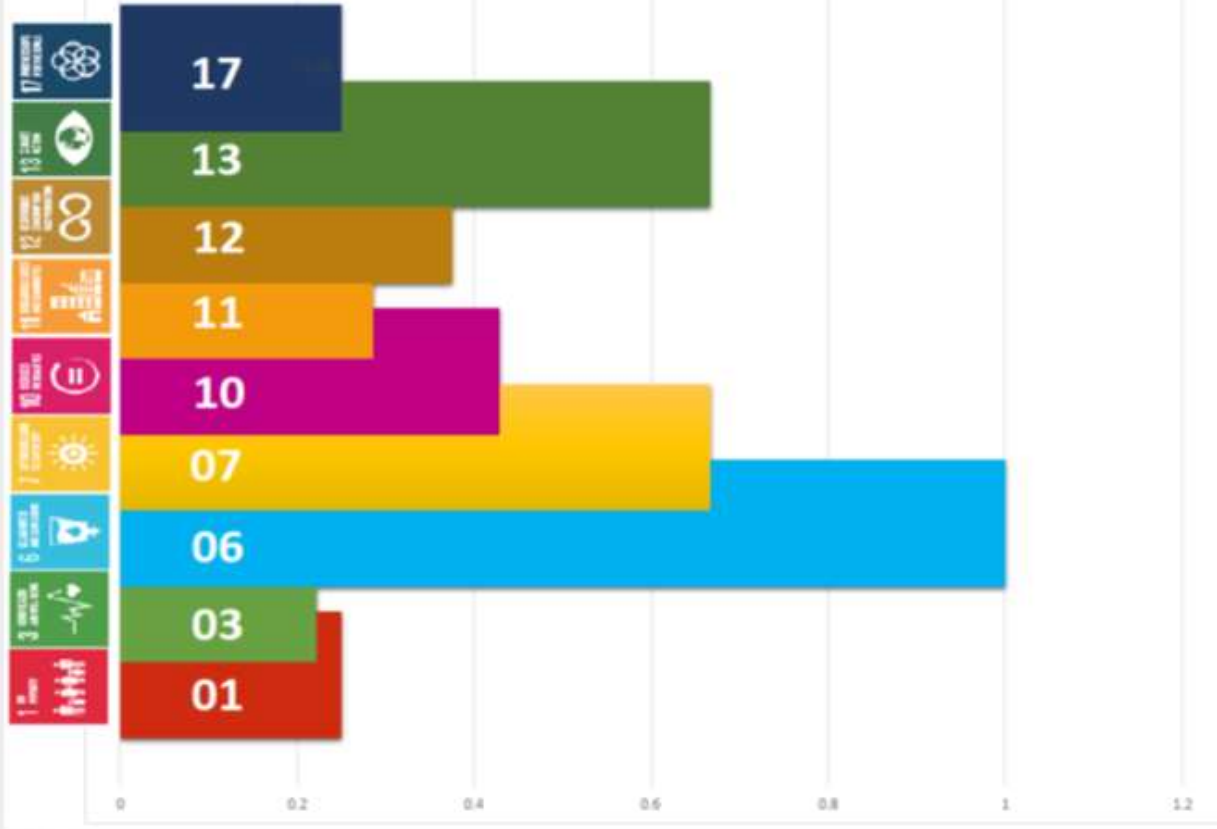


CLIMATE ADAPTIVE AQUAFARMING ALGA CULTURE, FISH PEN & CAGE



REACH: 9 SDGs & 27 TARGETS

COMPARING 9 SDGs ACHIEVED IN WATER SECTOR





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CONTRIBUTION POTENTIALS OF SAFE Design, Implementation, M&E,

- **Develop community based sustainable water resource management designs for WASH, CSA and Water Stress Management with special emphasis on**
 - a) **Water Resource Budgeting**
 - b) **Right based water conservation models**
 - c) **Water-Energy nexus related poverty trap**
- **Implement NWM core components through programs and interventions through community awareness, capacity building, participatory action research, M&E and SIA etc.**
- **Developing knowledge products for mass communication (videos, manuals, multi-lingual handouts using info-graphics etc) for NWM**



PROPOSED PILOT PROJECTS

- Solar Micro-interventions in WASH for indigenous communities in northeast (Arunachal, Manipur, Assam, Meghalaya)**
- Community water banking and water stress management projects in Jharkhand, Odisha.**
- Micro-irrigation based water stress management interventions for saline water infested coastal areas of West Bengal and Odisha**



SLOW THE FLOW!
SAVE FOR TOMORROW.

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नमस्ते

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