

Partnership that makes lasting difference

A cross country experience on a sustainable and innovative engagement in accelerating Rainwater Harvesting and innovations for environmental sustainability.

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Evolution of a unique partnership



- CSE-WaterAid's formal partnership ended after 7 years of engagement in 2017. The panoply of this unique and essential partnership in Bangladesh gave birth to innovative and timely initiatives. The impacts of which has spread across South Asia and many parts of the world..

The energy, engagement and environmental impact demonstrates the success and glory of CSE as a key collaborator



Joint programme in 2012/13

Bangladesh and the journey of Rainwater Harvesting



Bangladesh's technical capacity in rainwater harvesting over the years prior to this vital partnership was rather focused in rural water supply at coastal areas as a mean to provide drinking water.

- Acute water crisis
- Poor and marginalized communities
- No or difficult to access alternate safe water source



Southern belt facing acute water crisis



WaterAid's mandate



WaterAid as its mandate to innovate low-cost technologies for communities decided to develop national technical resources pool to promote rainwater harvesting system (RWHs) at different geographical areas including urban.



Trainings that led to lasting change



Over 200 professionals from government, NGO, academic and private sectors professional along with young champions have been trained.

From the trainees of CSE and WaterAid, a unique platform –Rain Form – a group of professionals evolved with huge potential.



Rain Forum result of the dynamic partnership



Rain Forum is promoting RWH in Bangladesh in different avenues, including research, trainings, providing technical assistance to individuals and industries. With our support they also organize Rain Convention to increase the uptake of innovations across a diverse stakeholder.

Rain Forum result of the dynamic partnership

Unique work on feasibility studies support by WaterAid by Rain Forum



Over 100 factories feasibility study is planned by Rain Forum to provide business with informed decision based on evidence.



Figure 14: Existing Guider & down pipe



Figure 13: Catchment of Beximco Limited



Figure 16: Existing Landscape



Figure 17: Existing Landscape

Inspiring examples of National level changes and practices



- Rainwater Harvesting in the Bangladesh National Building Code
- A curriculum of polytechnic institute



- MSC programme of an Engineering Institute.
- Government projects for example, due to the BNBC code now is responsible of installing RWH systems at 72,000 apartments.



- Embedded several projects that underscore RWHs models including project in teagardens, Chittagong Hill Tracts, coastal belts and for handwashing devices during COVID-19.





WaterAid/ Photographer name



Bangladesh Convention on Rainwater Harvesting 2012

Dhaka Declaration

We, the participants of the 'Bangladesh Convention on Rainwater Harvesting 2012' held in Dhaka on 15-16 June 2012 organized by WaterAid in Bangladesh in collaboration with Institute of Water Management (IWM), Rain Forum, Bangladesh University of Engineering and Technology (BUET) and Centre for Science and Environment (CSE), India have agreed to the following declaration and call upon the Government of Bangladesh, civil society, academic institutions, private sector and important stakeholders to favourably look into the merit of the call. The convention had five business sessions where 19 papers were presented and debated. The Dhaka Declaration is based on these deliberations including the inaugural session.

The convention concluded with the understanding that rainwater should be considered as solution to water crisis management. The potentiality of rainwater harvesting to address household level water scarcity as well as to enhance groundwater recharging has already been tested in the context of Bangladesh. Rainwater harvesting has also been encouraged by the Hon'ble Prime Minister of Bangladesh.

We, the organizers and participants of the 'Bangladesh Rainwater Convention 2012' have unanimously agreed upon the following points to be considered for the greater interests of the people in Bangladesh:

Rainwater from Buildings

Keeping environment at center in partnering with businesses



WaterAid is promoting RWH in industries. The Return on Investment for RWHs is high given the nature of industries, especially, for textile.

It helps reduce dependency on groundwater while providing a great opportunity for businesses to be part of environmental sustainability.





The strategic synergies between CSE and WaterAid also led to the innovation of FSM and Shit Flow Diagram.



Legacy that inspires a change in continuum



Legacy of this partnership exemplifies a cross-country learning to a sustainable regional and global change for many to follow.



Questions...



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Thank you



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