



WIN WATSAN WEBINAR SERIES 2020

Innovations and Empowerment for Sustainable WATSAN Solutions

Roundtable key discussed points (closed group discussion) 15th Oct 20

Time: 5:30 pm to 7:00 pm, Platform: Zoom

Participants:

Sr. No.	Institution/Organization	Name
1	Event Platform - Coordinator	Mr.Rahul Upadhyay
2	WIN Foundation	Mr. Paresh Vora
3	WIN Foundation	Ms.Shanti Menon
4	WIN Foundation	Ms. Aishani Goswami
5	IIT Kharagpur	Prof. MM Ghangrekar
6	IIT Kharagpur	Prof. Brajesh Dubey
7	IIT Gandhinagar	Ms. Falguni Tailor
8	IIT Gandhinagar	Prof. Jaichander Swaminathan
9	IIT Gandhinagar	Prof. Chinmay Ghoroi
10	IIT Gandhinagar	Prof. Manish Kumar
11	IIT Bombay	Mr. Meghraj Garad
12	IIT Bombay	Prof. Bakul Rao
13	IIT Bombay	Prof. Chandramouli Subramaniam
14	IIT Delhi	Prof. Anushree Malik
15	CWAS - CEPT University	Ms. Jaladhi Vavaliya
16	CWAS - CEPT University	Dr. Meera Mehta
17	CWAS - CEPT University	Dr. Dinesh Mehta
18	CWAS - CEPT University	Mr. Dhruv Bhavsar
19	CEPT University	Prof. Ashwani Kumar
20	Arid Communities and Technologies	Dr. Sezina Bhimarni
21	Arid Communities and Technologies	Dr. Yogeshbhai
22	Arid Communities and Technologies	Mr. Girish Karathiya (Bhujal Jankar)
23	Mahila Housing Sewa Trust	Mr. Siraz Hirani
24	Oston Technology (Start-up)	Mr. Kumar Kalika
25	Proximal soilsens (Start-up)	Dr. Rajul Patkar

Objective of the Roundtable:

To discuss on the topics presented at the previously held WIN WATSAN Webinar Series 2020 and possible future collaboration opportunities for projects or any other activities

This session was a closed group discussion with 25 participants including all session speakers of earlier webinar series and a few additional guests

Key points discussed:

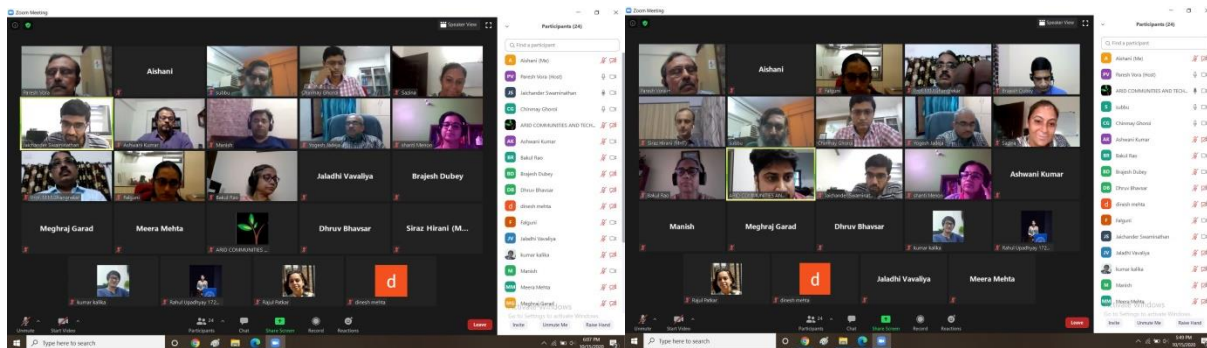
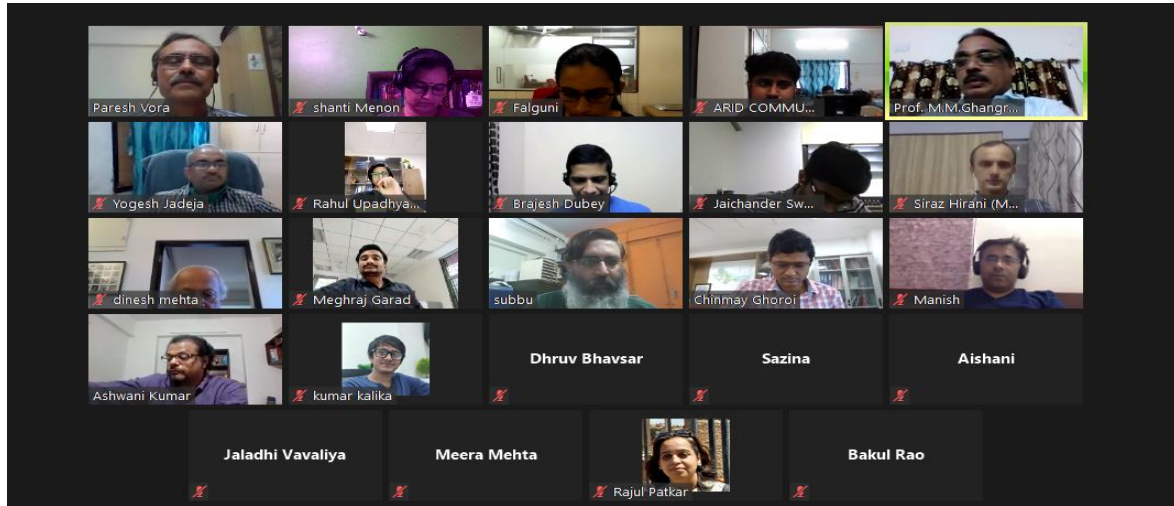
- Work in the field of environment, should have an interdisciplinary approach. Since, the presenters and their institutes/organizations have varied approaches to address water and sanitation issues; there is high potential for inter-disciplinary collaborations across institutes.
- Possibility of a platform/consortium with participant organisations was discussed. With complementary and multi-disciplinary expertise, the nature of the work undertaken by the consortium can be complementary. Some work that could be undertaken by such consortium could be in the domains of water, sanitation, solid waste management. This may enable also taking up integrated projects. Some tangents to explore:
 - Undertaking multidisciplinary research projects. Involving academic educations and its (undergrad) students in such projects, as also indicative in New Education Policy 2020.
 - Including disciplines such as technology, social sciences, natural sciences, economics for research and demonstration work in the field of water and sanitation.
 - Research studies can be done at one front, and demonstration or interventions done at another front through the members organisations of the consortium; and such a working model can be a demonstration in discussions with government.
 - Through collaborations with different organisations, there is a possibility to expand the scope of project and research, and apply for bigger grants, that make bigger social impact and can influence policy making decisions. Such collaborations, over long term, can help in scaling up projects and address integrated water management which could include work on groundwater, water quality, waste water treatment, sanitation.
 - Implementing solutions in all streams of solid waste, waste-water, water conservation, energy in one village or a cluster of villages, and using the success stories of this model village as a demonstration to gain confidence from government/other agencies. This can serve as a strong basis for advocacy at grass root as well as Government /CSR level.
 - The platform gives opportunities to startups to collaborate and work together with research organisations as well as practitioners of field. Such collaborations could allow to conduct trials on field, with community participation and so outcomes will be more meaningful.
 - Explore the theme of water-energy nexus at different levels.

- A simultaneous work of skilling should be undertaken through the projects of these collaborations which include people engaged at various levels of work. This would enable maintenance of products, plants, services, in a efficient manner and also generate livelihoods.
- A bottom up approach of Communities and Community organizations defining and presenting problems to Institutions, Startups, and Investors. The Institutions and startups can work on the solutions and provide localized and problem specific solutions to trial and refine.
- The webinar and interactions during it, already resulted in some emerging collaboration opportunities:
 - ACT and IIT Delhi (Centre for Rural Development and Technology) for Clean Ganga Project in the Hindon sub-basin
 - The CSR wing of UltraTech cement discussed about training of Bhujal Jankars and implementing water security plan with ACT in their operating areas.
 - Demonstration of groundwater recharge in an industry setup in Haryana with ACT support.
 - Convergence with government programs like Jal Jeevan Mission and Atal Bhujal Yojna including skilling requirements.
 - CEPT: Through its thesis program, live projects in the Master's program in Urban Infrastructure (Water, sanitation and hygiene) where the students get a chance to be involved with other organisations. Through the Summer Winter School offered by CEPT, another direction of collaboration can be explored.
 - Working in geographic regions of Gujarat and Maharashtra, given the physical presence of some of the organisations

Summary of discussions and way forward:

1. Institutions, corporates, startup and NGOs, with varied approaches to address water and sanitation issues, have a high potential for collaborative inter-disciplinary action research projects for integrated solutions. Institutions can bring faculty and students (Undergraduates, Masters, PhD and Post-docs) participation, as also emphasized in the New Education Policy 2020.
2. Research coupled with pilots which include developing implementation processes, community involvement and ownership of solutions, skilling at grass roots, and demonstrated outcomes for society, will generate best advocacy at grass root levels among communities, as well as with government.
3. Opportunity for startups to collaborate and work together with research institutions and field organisations can bring innovations to the field with innovative business models for sustainability and scalability.
4. Platforms/consortiums of institutions and organizations can address and take up specific projects to integrated solutions, as the communities or villages cannot integrate themselves and solutions from established commercial world are unaffordable or inaccessible for such communities.
5. WIN Foundation will continue its initiative to bring diverse stakeholders together; for the common goal of social impact in sustainable manner. All joint organizers too welcome dialogue with other stakeholders for this.

Screenshot Pictures:



THANK YOU