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National Institute of Urban Affairs

MYSURU

"FIRST ODF+ CITY DECLARED IN INDIA"

IHUWASH

Innovation Hub for Urban Water, Sanitation and Hygiene Solutions in India

Innovations Hub for Urban Water, Sanitation and Hygiene (IHUWASH) is a 3-year program supported by USAID and implemented by NIUA in partnership with Ennovent to conserve WASH ecosystem and improve urban WASH sector performance through incubation and acceleration of innovative solution and technologies.

About Mysuru city

Mysuru is the second largest city in Karnataka. In 1903, with the establishment of the City Improvement Trust Board (CITB), Mysuru became one of the first cities in Asia to undertake planned urban development. Mysuru's WASH systems are under pressure due to migration and tourism.

8,93,062

People reside in Mysuru city as per Census 2011

128sq. km.

The city area covered by Mysuru City Corporation

WASH Facts

#3

Ranked as the third cleanest city in India in 2019

ODF+

The first city in India to be declared open defecation free

740 kms. One of the earliest Indian cities to have Underground Drainage (UGD)



Rivers Cauveri and Kabini are the primary sources of water to the city

160

public/community toilets in the city

190 MLD

water supplied to the city



WASH Innovations Lab

WASH Lab is a city based technical institution established by IHUWASH to support the municipal corporations to plan, design, and execute innovative WASH solutions. It conducts action research, capacity building activities, trainings, and advocacy efforts with the citizens. It engages private sector and citizen engagement in addressing WASH challenges through the WASH Forum.

In Mysuru, WASH Lab is set up in Centre for Renewable Energy and Sustainable Technologies (CREST), National Institute of Engineering (NIE).



Innovations from Accelerator Program

Squat Ease

Mysuru City Corporation has opted for Squat Ease toilet pans-a disabled friendly unidirectional inclined toilet pan to eliminate improper usage of community toilets -for pilot testing in the public and community toilets that are being constructed under the IHUWASH project.

InnoDI Water Technologies

Mysuru City Corporation is setting up affordable and safe drinking water kiosks based on Capacitive deionization (CDI) technology across key public places and low-income residential communities.



Model Sanitation Facility Support

IHUWASH is working with the Mysuru City Corporation to construct innovative public and community toilet prototypes that will be customised to local geo-climatic needs, cultural conditions and be inclusive of the requirements of women, children, elderly and the differently-abled.

The two model public sanitation facilities, which will also have a transgender toilet, are being built at Gandhi Square and at Trin Trin cycle stand near Karnataka State Road Transport Corporation (KSRTC) bus stand.

Key performance indicators



510

city officials and stakeholders **sensitized** on innovations in WASH



89

city officials and stakeholders **trained** on innovative WASH practices



175

city officials and administrators benefitted from learnings of the study cities

IHUWASH in Mysuru

August 2017

Memorandum of Understanding with Federation of Karnataka Chamber of Commerce and Industry (FKCCI)

May 2018

Design for WASH Park submitted for approval

August 2018

Mysuru WASH Economy Report, developed in consultation with MCC, WASH Lab, FKCCI and MCCI released.

WASH Accelerator program initiated in Mysuru

February 2019

WASH Forum established, with 138 members. A WASH core committee consisting of MCC Commissioner, WASH Chair, Health Officer, people from NGOs formed

June 2019

Design submitted for inclusive public toilet at Trin-Trin cycle stand and Gandhi Square.

March 2017

Memorandum of Understanding between NIUA and Mysuru City Corporation (MCC)

April 2018

Tripartite agreement between NIUA, MCC and National Institute of Engineering (NIE)

July 2018

Workshop to assess the need for capacity building and identifying the potential focus areas on WASH issues in Mysuru

October 2018

Over 200 *Pourakarmikas* (sanitation workers) and students participate in Global Hand Washing Day event by IHUWASH

May 2019

A workshop on Application of Innovations in Sustainable WASH Solutions

September 2019

State level learning and knowledge sharing event for Mysuru at Bengaluru

IHUWASH Publications



Compendium of WASH Innovations in India

A compilation of innovations that applied to the IHUWASH Accelerator in January 2018. The innovations are listed based on their respective sectors - water, sanitation and then hygiene.



5 Innovative WASH Solutions for an Inclusive Urban India

A collection of five case studies on water, sanitation and hygiene to sensitize stakeholders and bring to the fore, innovative and simplified WASH solutions that have significantly benefitted urban India.



Innovative Toilet Concepts for Urban India

Innovative community and public toilet prototypes were documented to provide guidance for further adoption and scaling up in a handbook called Innovative Toilet Concepts for Urban India.



WASH Economy Report

The project analysed the size of the WASH economy and the magnitude of the business that it generates. The report was published in 2018 highlighting WASH related economic activities in Mysuru. The report also focuses on formal and informal livelihood opportunities in the WASH sector.

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For more details, contact:

Shri. Hitesh Vaidya, Project Director

📍: 1st and 2nd Floor, Core 4B, India Habitat Centre,
Lodhi Road, New Delhi, Delhi 110003

☎: +91-11-24643576 ✉: director@niua.org 🌐: www.niua.org

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