

12-22 April 2021

Coordination, Cooperation, and Collaboration

Enabling Environment for CWIS – Lessons from Warangal

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About the City of Warangal, India

- Population: 0.8 million (census 2011) ; ~ 1 million now
- Slum population ~ 30% in slums
- · City of lakes, heritage, domestic tourism
- Economy: Vibrant trade, educational institutions and large floating population
- No sewerage system & STPs
- Dependent on onsite sanitation septic tanks, leach pits etc.



Sanitation Situation – 2015/16

- Households with toilets: 77%
- Inadequate public toilets (PTs) and community toilets (CTs)
- Existing PTs/CTs were dysfunctional without service delivery standards.
- Onsite toilets built without any design considerations /standards
- Insanitary toilets in slums
- Unregulated feacal sludge and grey water management
- Pollution of lakes and ground water.



Coverage of water supply	
(HH tap)	< 50 %
Per capita water supply	< 100 lpcd
SW Drain – coverage	42 %

CWIS – Drivers for Change

- Evidence based advocacy
- Lake pollution and public health concerns
- City and state leadership for inclusive sanitation
- Availability of technical support to adopt innovative approaches to sanitation



Enabling conditions & actions

Citywide Inclusive Sanitation – Warangal

1. Non-sewer Sanitation – Policy & Regulatory Framework





Components of the regulatory framework

2. Institutional Accountability – Roles and Responsibilities

- Sanitation is a public service
- Clear assignment of roles
 - City government Policy (pro-poor), regulation, finance, standards, citizen
 - connect, gender mainstreaming, monitoring
 - Service delivery private sector under DFBOT, HAM, service contracts with clear SLAs and payment terms
 - Oversight & Citizen Participation City sanitation taskforce multistakeholder group/50 % women participation, gender sub-group including representation of third gender.
 - Citizens compliance with regulations, payment for service
 - Others third party agencies for monitoring, technical support organizations for guidance and capacity building, corporates & philanthropic organization to support innovations

2. Institutional Accountability – Agencies and Coordination Mechanisms

- Vision & policy formulation City Council led by the Mayor; guided by state sanitation vision
- Strategy, Coordination, Monitoring and Budget Municipal Commissioner (Chief City Manager)
- CWIS planning and execution led by Public Health Department under the Municipal Corporation (MC)
- Inclusion Officer on special duty for slum sanitation, Community engagement department (MEPMA)
- Procurement Engineering department under MC
- Establishment of Sustainable Environmental Sanitation (SES) Department – final approval underway

3. Public Private Partnerships with well defined service level agreements





Sanitation Resource Park (SRP) - FSTPs Two pilots (15 & 10 kld) on CSR 150 kld on DBOT



4. Regulating the unregulated



PROCEEDINGS OF THE COMMISSIONER (FAC) :: GREATER WARANGAL MUNICIPAL CORPORATION

Present: Sri Shahid Masood, B.Com,

Roc.No.HLTH-GEN/20/2016/Permit-03/2016

Sub: Greater Warangal Municipal Corporation – Public Health Branch – License for collection, Transportation and disposal of septage - Orders – Issued. Ref: Your application dated 01/09/2016

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ORDER:

In accordance with all the terms and conditions of the By-laws / Regulations, Municipal Corporation Act/Rules, the special license conditions accompanying this license and applicable rules and laws of Government of Telangana, permission is hereby granted to.

Shri. Dilli Sampath Rao S/o. Ramana is hereby authorised to undertake desludging of the septic tanks and pits from the individual households, institutions, commercials entities and to transport for disposal at a designated site as notified by GWMC duly following the "Operative Guidelines on Septage Management (Collection, Transportation Treatment and Disposal) in Greater Warangal Municipal Corporation (GWMC) - 2016".

> Municipal Health Officer Greater Warangal Municipal Corporation

Copy to the Deputy Commissioner-II (Sanitation), GWMC Copy submitted to the Commissioner, GWMC for favour of kind information. Copy submitted to the Hon ble Mayor, GWMC for favour of kind information.

Received Copy Signature valid Digitally signed by SADANALA Date: 2015 10.78 4:49 IST Reason se Phil-2016

To



5. Sanitation for the poor and vulnerable population

- Targeted subsidies and S line support (Rs 12000 per HH)
- Scheduled desludging with subsidized tariff (proposed)
- Innovative solutions for slum sanitation shallow sewer system
- Public toilets /community toilets/SHE toilets over 150 units
- P budget

6. Citizen Engagement : Sanitation Helpline (S-line)



A single point contact for gaining access to new individual household toilets, receives applications, verifies as per eligibility etc



Provides technical assistance in matters related to design of septic tanks and toilets, masons and contractor details, registration, identity



Provides desludging service to the citizens



Deals with the status of applications received



Receives sanitation related grievance redressed by the citizens



Engaging citizens : BCC campaigns





7. Gender Mainstreaming in Sanitation



Public Toilet construction work orders issued to SLF members



Training program for SLFs on Operations and maintenance of PTs



O&M contact for Public Toilet issued to transgender community SHG

ACCELERATING INCLUSIVE SANITATION

8. Innovations & Technology Transformation

 Decentralized WW Treatment at various locations – Hospitals, housing units, outfall points



Japanese team visits FSTP



Kazushi Hashimoto of Japan Sanitation Consortium inspecting FSTP at Ammavaripet, a suburban village of Warangal, on Saturda

HANS NEWS SERVICE	Administrative Staff Co dia (ASCI), Hyderab
Warangal: A Japanese delegation	knowledge partner, three
led by Kazushi Hashimoto from	lic-private partnersh model
Japan Sanitation Consortium, and Asian Development Bank official	The delegation whi
Dr Sitaram visited the faecal sludge	spected She toilet con
treatment plant (FSTP) located at	Charbowli as part of Swa
Ammavaripet as part of their study	campaign met the Wara
tour on Saturday.	district Collector Prasha
It may be mentioned here that	Patil. The Collector expl
the FSTP was set up by GWMC in	about the measures bei
association with the Bill and	turn Greater Warangal
Melinda Gates Foundation with	green and hygiene city.

Staff College of In-Earlier, the Japanese delegation Hyderabad, as its was explained about the FSTP by tner, through a pubthe ASCI Area Director Prof Sriniartnership (PPP) vas Chary. Explaining about the thermal process. Charv said that ion which also infrom the toilet to the final conver oilet constructed at sion of the biochar, the process is art of Swachh Bharat scientific and comprehensive. He also gave an account of the geotube. the Warangal Urban or Prashanth Jeevan which use geo bags (non-mechanictor explained them cal technology) to dry the faecal sures being taken to sludge. The delegation also in-Warangal as a clean, spected mini STP under construction at Ambedkar Nagar

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HANS INDIA Sun, 14 July 2019 https://epaper.thehansindia.com/c/41378901



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9. ICT based monitoring for sustainability and impact



ICT based record keeping and tracking of all assets – PTs/CTs, DWWT, FSTPs, Desludging activities

10. Capacity building for sustainability



ACCELERATING INCLUSIVE SANITATION

Lessons

- Nurturing city leadership (political and administrative) through advocacy and peer learning
- Enabling environment for CWIS is a necessary condition for ensuring impact (sanitation is a municipal service, ensure clear mandate)
- PPP in CWIS is doable and sustainable
- Capacity to implement inclusive sanitation slow and often painful, should precede programme implementation
- Innovations can accelerate the process
- Monitoring is super important digital enablement