

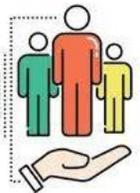


Larsen & Toubro Limited

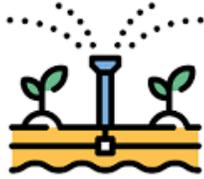
Water & Effluent Treatment IC



14th Lab Webinar Series



Beneficiaries
95 Million



Area Irrigated
1 Million Ha



Drinking Water
7200 MLD



Wastewater Treated
2100 MLD



Smart Infrastructure
7500 Ha



Water Network
0.5+ Million kms





L&T Capabilities in Water & Innovative Methods

Dusk to Dawn-Network Laying

Treatment Technology Footprint



L&T Water Technology Centre (WTC)

L&T Water Technology Centre

L&T AGRB Technology



Coveralls



LASER level monitor

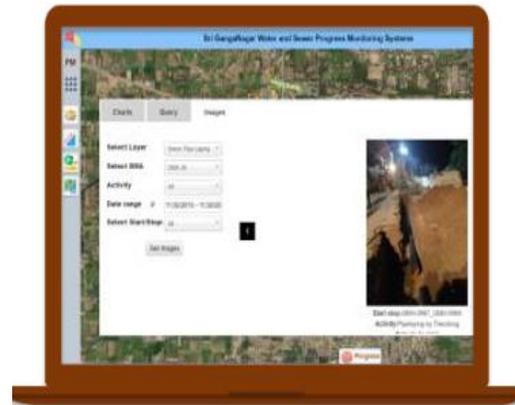
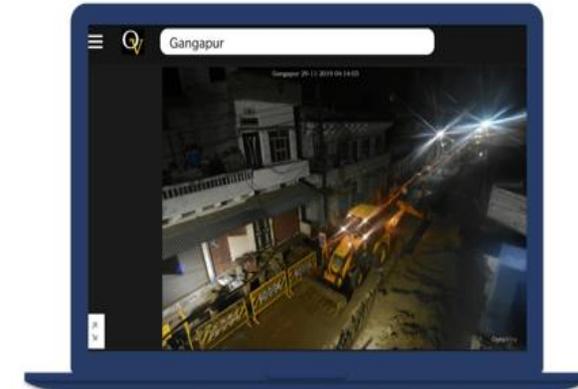


Photo tag enabled GIS PM



Time lapse camera





In the news for good reasons...!

"In future, all activities to be carried out by D2D. All Executive Engineers to visit and learn from this project!"

-TWAD MD

Testimonials



" Today we witnessed that L&T is L&T!"

Mr. Atul,
Resident of Civil TWP, Rourkela



" This will instil the thought that Sewer Network jobs can be completed within the stipulated time!"

Mr. Mathiazhagan
AEE, TWAD, Coimbatore



" L&T started and finished the work before people came out to work and children went to school with no disruption."

Mr. Bidadhar
Resident of Basant Vihar, Jhunjhunu



" This is the first time someone is taking up a feat of such magnitude. All the best to Larsen & Toubro!"

Mr. Dinesh Goyal
SE, RUIDP, Jhunjhunu



" It was a good experience to work for this initiative. We feel proud in wearing this coverall. Excited to have completed this task successfully."

Mr. Mustak Ali
Workman, Jhunjhunu

Bhatpara STP (FCR) – With a Coffee Shop Concept



Moradabad STP: SBR Process



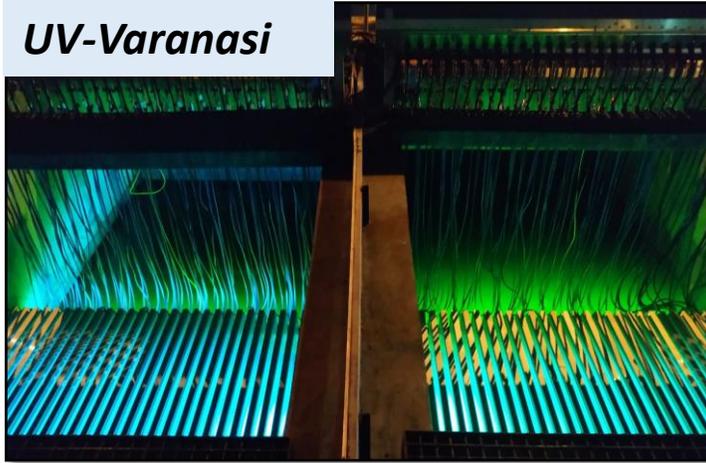
Jebel Ali STP: A2O Process



BIDKIN STP: MBR Process



UV-Varanasi



Ozonation- Chandrawal



UF- Doha



SWRO-Dahej



Thermal Sludge Drying- Jebel Ali



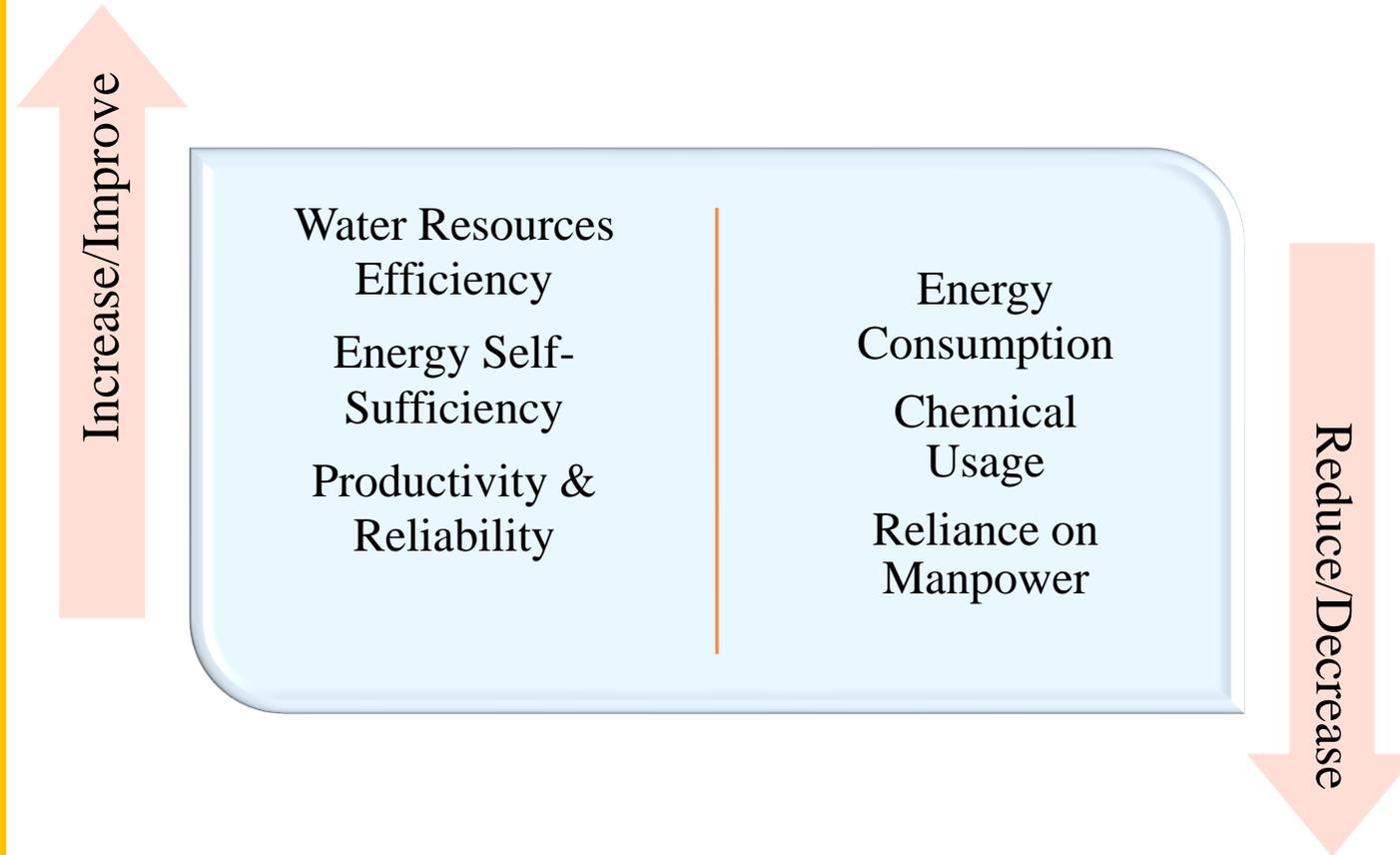
Auto. Sludge Bagging- Jebel Ali



L&T Water Technology Centre (WTC)

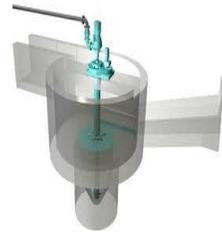
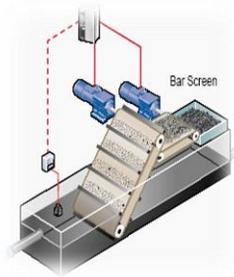


WTC is committed to *fundamental, methodological, and practice-based research* with focus on continuous R&D to *innovate scalable solutions* enabling L&T WET IC and beyond, to meet **present and future** water needs, to build safe, resilient and sustainable eco-systems.

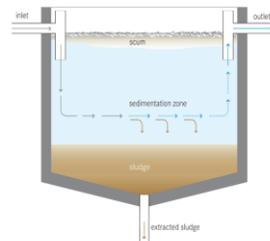


The Process of Sewage Treatment

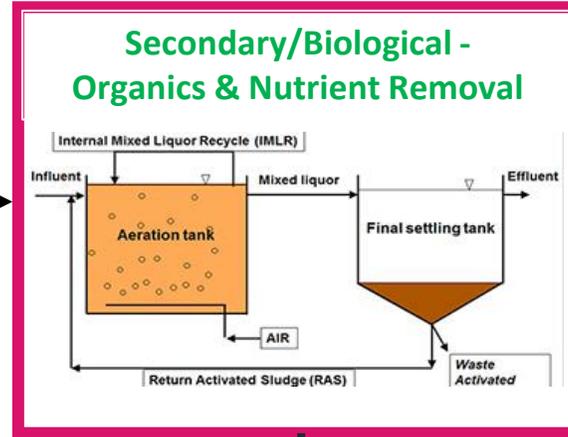
Preliminary – Floating Matter/Grit Removal



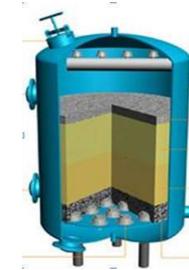
Primary – Solids Removal



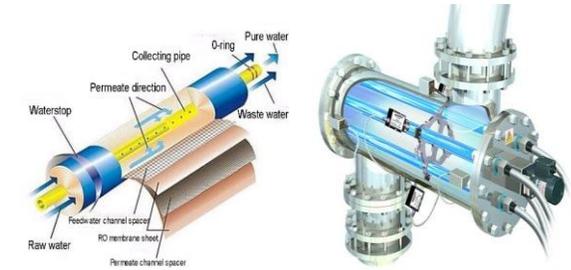
Secondary/Biological - Organics & Nutrient Removal



Micro Filter



Tertiary – Advanced Treatment for Reuse



Treated Water

Raw Sewage

Attached Growth Process

Suspended Growth Process



Moving Bed Biofilm Reactor

Fixed Bed Biofilm Activated Sludge

Rotating Biological Contactors

Activated Sludge Process

Sequencing Batch Reactor



Thank you