

STARTUP PROJECTS

SL.NO	NAME OF START UP	PROJECT	SECTOR	SUMMARY	SATRT UP CHALLENGE
1	Solinas Endobot System	Conducting Inspection of Water pipeline Networks	Water/ Septage Sector	<p>Inspection of Water pipeline Networks.</p> <ol style="list-style-type: none"> 1. Immediate action on contamination complaints using robot. At the sametime, can do regular inspections in high contamination-prone areasthat will allow to improve the service and reduce shutdowns. 2. Reduction in the Non-revenue water (water leakage) because of earlydetection of leaks 3. Reduction in the amount of labour required to manage breakdowns 4. Condition assessment to decide if the pipeline needs to be retained or replaced 5. Data Analysis: Increasing the life of pipeline assets and predicting failures 	CHALLENGE 1
2	Ecodew Pure Water Solutions	Innovative and affordable waste water treatment solutions for Small scale industries and establishments.	Liquid Waste Management	<p>Innovative and affordable waste water treatment solutions for Small scale industries and establishments.</p> <p>Focus area: Grey Water management Ecodew Pure Water Solutions Pvt Ltd is a Water Engineering The company focused on building Innovative and affordable wastewater treatment solutions for Small scale industries and establishments.</p>	
3	Dynamit Innovations	Waste water treatment solutions for Small scale industries	Water Supply Sector	<p>Waste water treatment solutions for Small scale industries.</p> <p>Through connecting WELL cum TANK and WATER in WATER new source of Potable water source can be created. When the well water is ready but not potable, in this situation we can place one Floating-potable water chamber in the well and we can fill good potable water from any other source and we can use this water instead of dirty water.</p>	
4	VCare Group of Institutions	Micro Level Liquid Waste Management	Used Water Management	<p>Micro Level STP (5KLD-50KLD)</p> <p>Toilet waste and kitchen liquid waste from each house are collected in a tank. The collected water is pumped into a conical-shaped tank where their ecohealth solution is added in the specified ratio. After 5 hours, solid waste settles at the bottom, leaving clean water at the top. The clean water can be accessed through a valve and used for garden maintenance.</p>	CHALLENGE 2
5	Parayaga Scientific Laboratories	WaqT: Water quality and contamination test	Urban Water Management	<p>WaqT: Water quality and contamination test.</p> <p>Water quality and contamination test: Development of an antibody-based enzyme-linked immunosorbent assay (ELISA) called 'WaqT' (Water Quality Test) for detecting gram-negative bacteria in any sample.</p>	
6	Bayesian Ways LLP	An Approach Note For Developing Energy Management and Monitoring System for Water Supply Systems	Water supply sector	<p>An Approach Note For Developing Energy Management and Monitoring System for Water Supply Systems.</p> <p>Bayesian Ways has come up with an Energy Analytics system leveraging the capabilities of Machine Learning to improve the energy efficiency of Water Management Systems.</p> <p>COMPONENTS</p> <ol style="list-style-type: none"> 1)Operational systems data collection system 2) Equipment Monitoring System Data 3) Data storage system 4) Analytical Engine 5) Dashboard 	
7	Squas solutions	An Innovative Technology & Solution for Waste Water Treatment	Waste water management	<p>An Innovative Technology & Solution for Waste Water Treatment.</p> <p>Squas Solutions is aiming at providing a one-stop solution to the following segments in India.</p> <ol style="list-style-type: none"> A) Domestic Wastewater treatment and grey water recycling B) Industry wastewater treatment C) Solution for Urban Streaming. D) SQUAS system has developed an innovative compact and scalable prototype system to demonstrate the potential in solving many of the water challenges in a simple and intuitive way, especially to treat continuous flow urban streams and domestic sewage in real time. 	

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8	Geo Blue Water Solutions Pvt. Ltd	GEOBLUE WATER MEDICINE	Urban Water Management	<p>Geoblue Water Medicine Water from selected locations such as households, hospital, hotel, educational institute, public toilet, public well, public pond, apartment and one corporation supply line is collected and assessed. GeoBlue Water Medicine is added to the water in the prescribed ratio using a dosing system. The solution works using chlorine dioxide (ClO₂) technology to disinfect the water by eliminating bacteria, viruses and algae without affecting taste or safety. Treated water is then supplied for regular use such as drinking, washing and sanitation. Regular monitoring and water quality testing are carried out during the operation period to evaluate performance. The results are documented and analyzed to assess improvement in water quality and system efficiency, and a final project report is prepared for future scaling.</p>	CHALLENGE 3
9	KRP Aquatech Private Limited	Fully Automatic Chlorination Plant with IIoT Controls	Urban Used Water Management	<p>Fully Automatic Chlorination Plant with IIoT Controls Project address the need for efficient water treatment with less human involvement. Company manufacture Fully Automatic Chlorination Plant with IIoT (Industrial Internet of Things) Controls that blends the practical concept of mixing chlorine gas into the water along with the pros of IIoT.</p>	CHALLENGE 4
10	Equator Geo	Net Zero Project	Urban Water Management	<p>Net Zero Project Equator Geo's mission is to promote sustainable practices through GIS technology, assisting clients in creating eco-friendly systems. The goal is a carbon-neutral ecosystem, aligning with Sustainable Development Goals (SDGs) like climate action and clean energy. An important concept in their approach, aiming to balance water usage through conservation, recycling, and eco-friendly urban planning, especially in water-scarce areas. Key Components of Water Neutrality include : Water Conservation, Water Harvesting, Efficient Water Use, Urban Water Body Rejuvenation, Water Recycling and Reuse, Ecosystem Restoration, Eco-Friendly Urban Planning</p>	
11	GI Ceri Lab	AgriClean Tech: Conversion of Faecal Sludge BIOSOLIDS into Value through Bioaugmented CO-Composting	Waste Management	GI Ceri Lab creates a targeted microbial mix that speeds up cocomposting of faecal sludge, cuts pathogens, and boosts nutrient recovery.	