



WRI INDIA
— ROSS CENTER

PRESENTS

TheCityFix
— Labs

The Cohort

Cohort Info

75F India

75F is an award-winning, IoT and Machine Learning company taking a fresh approach to HVAC, lighting, air quality and controls in commercial buildings. Founded in 2012, 75F offers a vertically-integrated suite of wireless sensors, equipment controllers and cloud-based software delivering data-driven, proactive, predictive building intelligence and controls. The solution predicts, monitors, and proactively manages various elements in a building including its temperature, lighting, air quality and its energy management needs.

75F has delivered hundreds of energy-efficient, comfortable and healthy spaces to enthusiastic customers who are very happy with the results. They see the potential for IoT technology to improve comfort, health and the workplace experience, while also saving significant amounts of energy.

Team: Gaurav Burman

Website: <https://www.75f.io/>



Boson White Water

BOSON WHITE WATER is a comprehensive system with expertise, economics and execution for IT parks and malls, and apartment water management. For IT parks and malls, Boson White Water helps recover potable quality water from STP treated water, particularly towards meets cooling tower requirements. For both customer segments, the business model involves an operational expenditure model, charging the customer for only the water they use. Apartment owners benefit as this is cost-effective and economical when compared to purchasing water.

Team: Vikas Brahmavar

Website: <http://bosonwhitewater.com/>



E-Waste Exchange

E-Waste Exchange is a digital tech platform available for use by citizens & businesses to directly transfer their e-waste to Govt. authorised, technically competent e-waste recyclers, for environmentally friendly recycling.

E-Waste Exchange (WMx) is initiating activities for plastic waste management.

E-Waste Exchange makes large scale impact through design thinking, advisory & R&D in the following areas:

- Development of Smart Cities and States
- Implementation of circular economies in waste management sector
- Transformation of informal to formal sector
- Enable businesses to contribute to meet Sustainable Development Goals – 9, 11, 12, 13, 14 and 17.
- The innovative model of E-Waste Exchange is turning WasteTech into FinTech

Team: Shalini Sharma

Website: <https://www.e-wasteexchange.com/>



Energos

Energos is an innovation company, which uses an effective blend of behavioural science technology & patented IOT technology for Integrated Facility Management and to remotely control air conditioners of various types and make. Besides monitoring and analysing all assets and environment, Energos engages in real time with the users of the Air Conditioners, keeping them comfortable while optimizing energy usage. Progressively, the users are sensitized towards responsible usage of energy, leading to changes in energy habits for continual reduction in costs and setting them on a path to sustainability, in an efficient result-oriented approach.



Team: Rajesh Solanki, Anees Mir

Website: <http://www.energosccloud.com/ws/index.php>

Fluid Robotics

Fluid Robotics provides full-stack solutions to customers, for mapping and inspecting water and wastewater pipelines. Their customers include public and private sector organizations such as municipal corporations, irrigation departments, pipeline contractors, real-estate agencies, etc. Their solutions have significantly impacted the health of urban rivers and lakes in India, where over 350MLD of previously untreated wastewater entering waterbodies is now being diverted for treatment.

Team: Asim Bhalerao, Nidhi Jain

Website: <http://www.fluidrobotics.com/>



Hasiru Dala

Hasiru Dala provides destination assured waste management services for bulk waste generators through a unique waste picker franchisee model that ensures better livelihoods while diverting over 90% of the waste generated away from landfills. They have developed a one-of-a kind fixed plus variable pricing model that is a combination of the "polluter pays principle" and "pay only as much as you throw" approaches.

Team: Shekar Prabhakar, Lakshmi Menon

Website: <https://hasirudalainnovations.com/>



Minion Labs

Minion Labs helps businesses reduce their electricity costs and improve their productivity by providing real-time, device level, electricity consumption insights using a smart energy device, delivered through a SaaS platform.

Minion, a hand-sized energy auditing device with easy installation, can analyse this data for valuable, actionable insights for non-intrusive energy management. Real-time energy consumption of multiple assets and the devices in any facility can be captured by a single monitoring device. Minion is based on a machine learning approach that uses automation to train its state-of-the-art algorithm. The algorithm captures voltage and energy signatures at microsecond speed to identify the individual assets used and study patterns of their consumption. This energy management solution enables energy transparency, energy efficiency up to 30% savings, predictive maintenance and asset health monitoring.

Team: Gokul Shrinivas

Website: <http://minionlabs.tech/>



RaddiConnect

RaddiConnect works on managing all municipal solid waste and has different models to collect different categories of waste. The aim is to make circular economy models where waste can be converted into resources and given back to the waste generator.

- RaddiConnect - Door to door collection of all recyclable waste from households, organizations & institutions where collections are managed through an aggregated network of raddiwallas. Customers can donate the money from their scrap to NGOs or exchange them for recycled stationery.
- Decentralized Wet Waste Solution - Customized composting solutions for bulk waste generators to manage their wet waste on site, using manual or automated composting machines.
- Material Recovery Facility - Managing dry waste at a ward level for the city, in partnership with local municipalities. Dry waste (mainly hard to recyclable or less value scrap) is collected from housing societies & commercial establishments by hired rag pickers who manage the segregation of waste. All waste collected is channelled for recycling.



- External Producer Responsibility - Assisting plastic manufacturers & brand owners (FMCG Companies) to setup recovery channels for the plastic they are putting out in the environment, using existing networks to setup recovery channels and charge the customer for the recovery of plastic waste.

Team: Rahul Nainani, Gurashish Singh Sahni

Website: <http://www.raddiconnect.com/>

The Solar Labs

The Solar Labs help solar companies analyse sites remotely using site video to design an optimized solar PV system that generates the maximum solar energy for that site. Using their software, companies are able to cut down on design time and increase their top line revenue. Companies doing OPEX installations can get a higher ROI on their installed systems due to better designed systems. The Solar Labs is incubated at IIT Mandi Catalyst & NASSCOM 10k Startups.

Team: Siddharth Gangal, Devang Gupta

Website: <http://thesolarlabs.com/>



WeGoT Utility solutions

WEGot Solutions help consumers bring accountability to their usage by helping them make informed decisions based on their respective consumption patterns. This coupled with intuitive insights is designed to bring about a behavioural change, thereby reducing water usage by up to 50%. They have developed an IoT solution with an intuitive platform that is connected to sensors manufactured in-house, tracking users' consumption in real time and providing useful insights to regulate the usage of each resource. They have helped drive conservation of up to 50% of water consumed per household, the impact of which is invaluable from a resource standpoint.

With decreased consumption, the end user also stands to benefit by substantially reducing his/her water costs by ~40-50%.

Their solution will help in reducing the stress we place on these resources and each unit saved today will result in a nurturing environment for future generations.

Team: Abilash Haridass

Website: <http://www.wegot.in/>

