



www.sync-global.com

Freshwater is finite.

Can we afford to exploit depleting
freshwater sources?

Will the next World War be on Water?

 **MAITHRI**
AQUATECH

#TeamSync



What is being done to ensure Water Security?

- Globally, water scarcity is being tackled through:
- **Recycling and Reuse** of existing Water resources
- **Rejuvenation** of Available Water Resources
- **Recharge** of Depleted Water Resources by rainwater harvesting
- **Purification** – Utilizing Reverse Osmosis (RO), Desalination etc.
- With the growing demand of water, caused by growing populations, rapid urbanization and climate change...
- **Are these efforts enough?**



www.sync-global.com





www.sync-global.com

Urgent Need for Sustainable Solutions

To complement all efforts being undertaken currently the planet needs a **SUSTAINABLE** solution which:

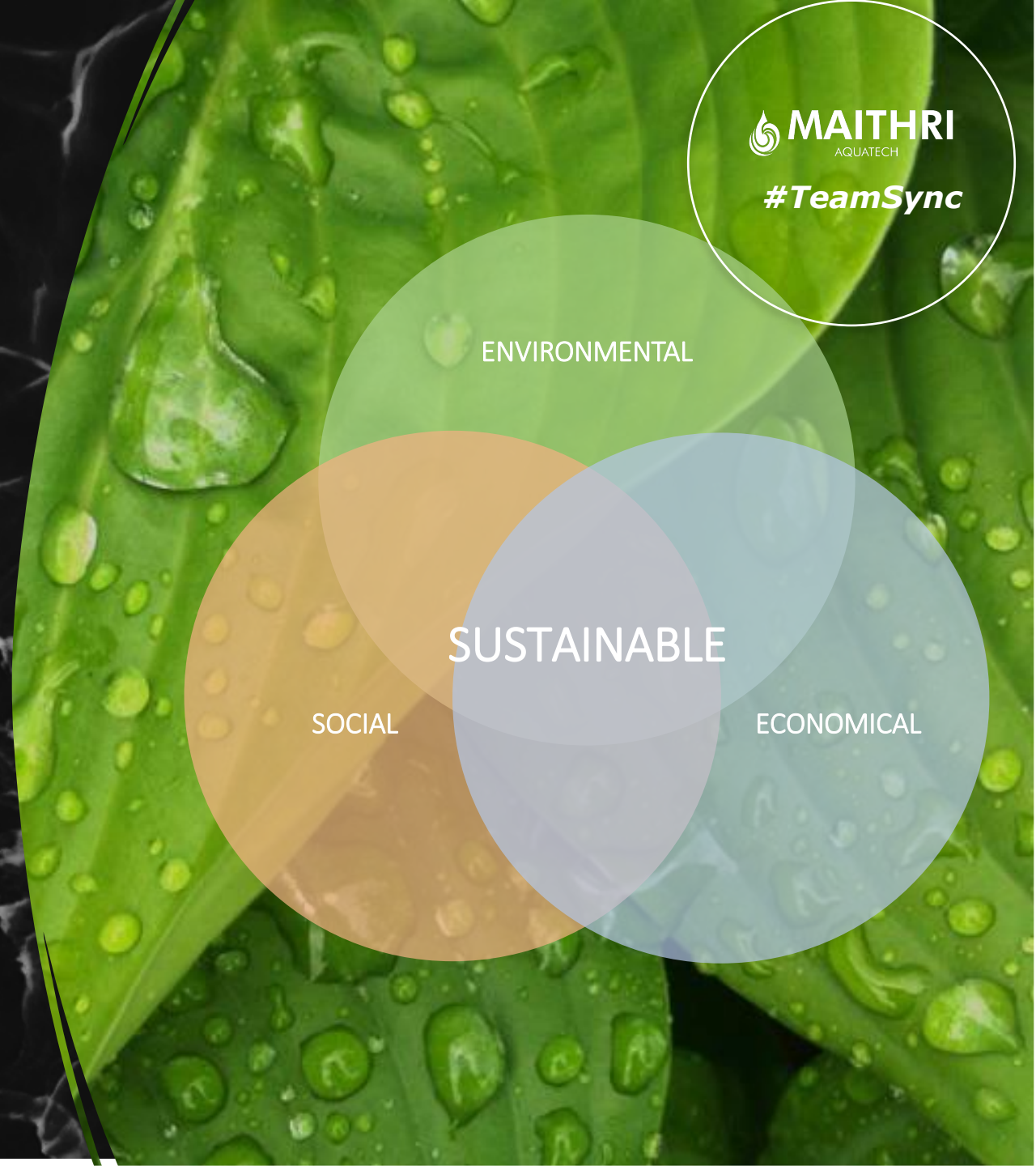
- allows the environment to stay in balance
- Is easily accessible/can be provided to all forms of life
- impacts society for the better

The solution must also be:

- **Rapidly Deployable:** be built as an 'easy-to-distribute and redistribute' system
- **Scalable:** meet any requirements, be it small or massive

 **MAITHRI**
AQUATECH

#TeamSync





www.sync-global.com

 **MAITHRI**
AQUATECH

#TeamSync

Objective

**Re-inventing water access
and water purification with
decentralised, sustainable and
highly scalable, water solutions.**

**Harmonizing a nature-based solution
to guarantee global water security**

Harvesting **Fresh Water** From **Air**.
Perennial and Unlimited Natural Source.

PWFA
(*Pure Water from Air*)

The Meghdoot.

Our answer
to the global water problems.

 **MAITHRI**
AQUATECH

#TeamSync



www.sync-global.com





www.sync-global.com

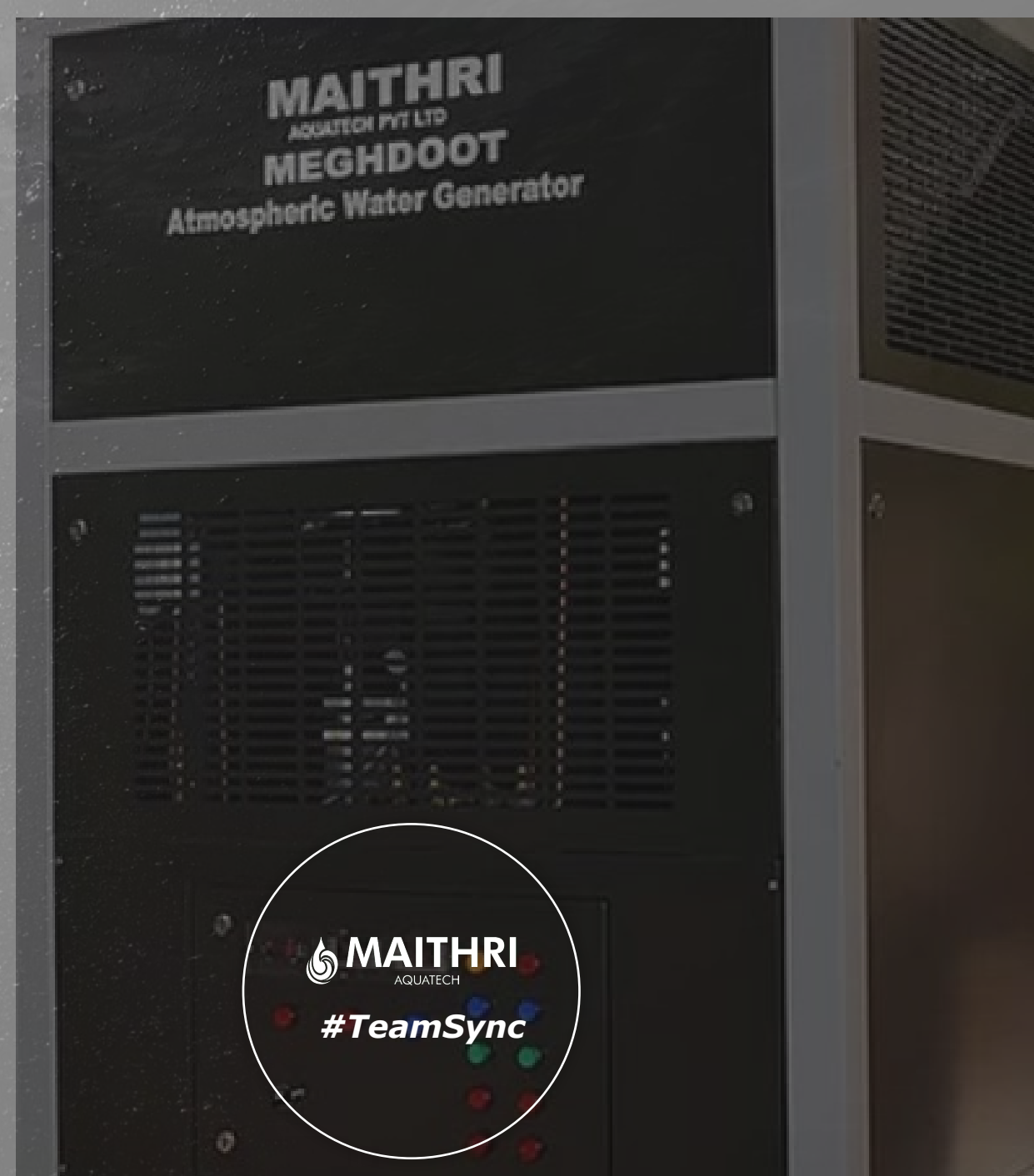
The Meghdoot

PWFA (Pure Water from Air)

We all know that there is water in the air,
but what is not commonly known is-
the sheer volume of water present in it.

Built on the **concept of Atmospheric-Water-Generation**
our product is **capable of generating clean, potable water
from air.**

No groundwater needed, no surface water required.






www.sync-global.com

Personal source of water

We provide re-mineralized water
with customised solutions.

 **MAITHRI**
AQUATECH
#TeamSync



www.sync-global.com

 **MAITHRI**
AQUATECH

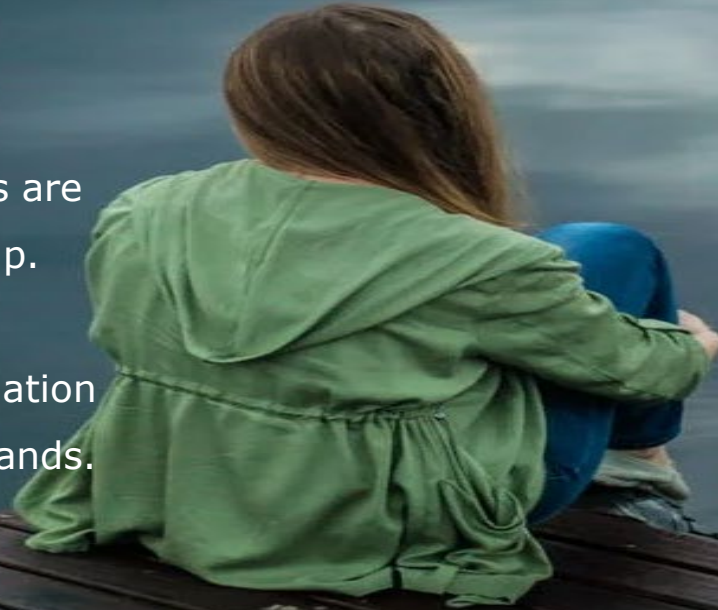
#TeamSync

The Global Water Problem

More than half of the planet's 37 largest groundwater aquifers are being depleted. Surface-based freshwater bodies are drying up.

Pairing this with increased demand from growing global population and poor agriculture practices, we have a dire-situation our hands.

With the current rate of consumption, two-thirds of the world's population will face water-shortages by year 2025. No solution exists which solves both water purification and freshwater generation.





www.sync-global.com



The solution is in the **AIR** - The Original Fresh Water Resource

- All freshwater originates from the skies or the glaciers
- There is **Six times** as much water in the air, than in all the world's rivers combined
- All this water is **recycled 40 times** throughout the year via the natural water cycle
- **Only 1%** of all water in the atmosphere is enough to meet the total requirement of humanity, flora and fauna



www.sync-global.com

Bringing the Future of Water to You

 **MAITHRI**
AQUATECH

#TeamSync

Our vision is to build water from air as a new scalable and sustainable category of water while preserving crucial ground & surface water resources.

Dedicated to mitigating global water problems utilising Nature-based Water solutions

Global AWG Leader

Partners include global R&D institutions like the Indian Institute of Chemical Technology (CSIR-IICT), The Energy and Resources Institute (TERI), Bharat Electronics Limited (BEL), Contec Global, Masdar Institute (Khalifa University)

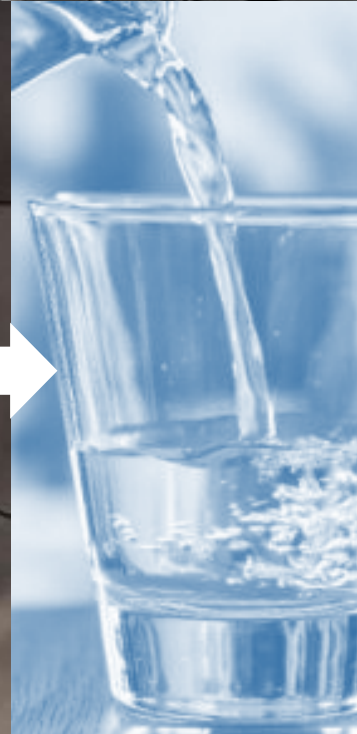
Have signed a USD 200 mn deal with Contec Global to propagate sales of AWGs in MEA region

ESG company and only AWG company recognized by the Ministry of Jal Shakti (Indian Ministry of Water)

Our Renewable Water Solution – MEGHDOOT™

 **MAITHRI**
AQUATECH
#TeamSync

Sustainable



Renewable

Affordable

Scalable

**Purest Water, From Air;
Never touches the ground.**



www.sync-global.com



www.sync-global.com



We can generate High-Quality
Freshwater *Anywhere*

 **MAITHRI**
AQUATECH

#TeamSync

Power from the Grid? Solar? Wind? Check. Check. Check.

Any Power Source. Any Location.

Water On-Demand.

MEGHDOOT generates water as you need it, when you need it

Compatible with various power sources



www.sync-global.com

Atmospheric Water Generators

Atmospheric Water Generators are the solution to global water crisis- Water generation and purification in one-solution.

NO CARBON EMISSIONS.

Our solutions do not rely on delicate natural resources and produce no-exhaust gasses. When powered by Renewable Energy, there are zero-emissions both directly and indirectly.

100% WATER POSITIVE.

Zero-reliance on available water resources and zero-wastage of water. It assures consistent high-quality water and helping groundwater sources to recharge.



www.sync-global.com

MEGHDOOT™ Intrinsically Sustainable and User-Friendly by Nature

Creating infrastructure where there is no or compromised infrastructure.

-Rapid deployment and redeployment of water infrastructure

-Multiple health benefits of using remineralized water

-No drudgery in ferrying of water



Zero Liquid Discharge (ZLD)

- No Carbon footprint in transportation of water

- Elimination of plastic

- Water generated is of supreme quality and it meets WHO standards.

All MEGHDOOT Air Water Plants have international certification from CE and periodic water testing is done at all locations in partnership with city administration/local testing labs and the water meets if not exceeds drinking water norms.

 **MAITHRI**
AQUATECH

#TeamSync



www.sync-global.com

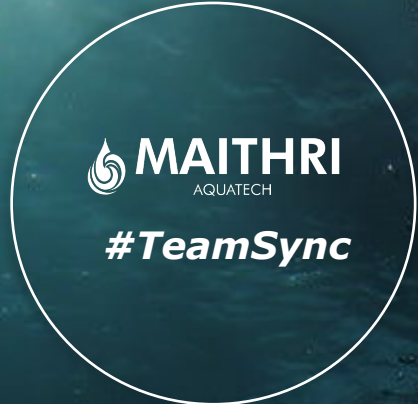
Over 600 Installations

We guarantee **Water Security**
with Proven Technology

We have deployed solutions to domestic, private and public customers in over 27 countries.

100 million litres of water from air generated. 200 million litres of precious and scarce water saved.

Converting Net Consumer to Net Producers of Water.



Rapid Creation of Water Infrastructure



SUSTAINABLY MEETING
WATER DEMAND



IMPROVING LAST-MILE
WATER CONNECTIVITY



CONSERVING AND
PROTECT VITAL AND
NATURAL WATER
RESOURCES



SUPPORTING UN
SUSTAINABLE
DEVELOPMENT GOALS



www.sync-global.com

Transforming top Fortune 500 Companies into Water Stewards



Objective: To sustainably give drinking water access to large corporates, reduce external water dependence, support their sustainability goals and

Stakeholders: Corporate, Maithri Aquatech

Potential Beneficiaries: The projects give access ~20,000 employees on a daily basis



Provides healthy, high-quality mineral-enriched water to employees, reduces their dependence on scarce water resources and helps corporates become Water Stewards

Future Roadmap: Following the success of the project with early movers, Maithri Aquatech is in discussion with the same clients and other corporates to expand to their campuses

Hyderabad; Large Global Corporates



www.sync-global.com

Created a New Category of Bottled Water World's First AIR Water Bottling Plant



Hyderabad; Aria Life Water

Objective: To provide a renewable source of water for a Sustainable Bottled Water Plant

Potential Beneficiaries: Over 2 million people annually

First bottling plant in India sourcing water from air; largest bottling plant of its kind by volume in the world; Renewable Bottled Water Plant

Developed customised fresh air-cooling solution using cold air generated by MEGHDOOT as a by-product, creating a new application. First application of its kind on the planet

Future Roadmap: Looking to replicate project in 10 other locations while expanding to far-East and Gulf; Working with BIS to make LIVE bottling plants across India sustainable



www.sync-global.com

Safe Water at Railway Station – World's first Water from Air kiosk, Secunderabad



Secunderabad; Indian Railways

Objective: To implement a sustainable water solution to meet the water requirements of travelers and railway staff, with zero reliance on external water sources.

Stakeholders: Public Private Partnership Model with Indian Railways.

Beneficiaries: About 2 million pa which include Railway Staff, Police, Travellers, Vendors, Local Communities

24/7 scrutiny by railways and periodic water testing.

Employment of 2 women from Marginalized Community.

Future Roadmap: Extend it to 1000 railway stations and create water infrastructure where there is no infrastructure or compromised infrastructure.



www.sync-global.com

Community Education in Vishakhapatnam, World's first Mobile Water from Air cum Water Knowledge Centre



Visakhapatnam; GVMC, USAID, SEWAH

Objective: To provide clean, healthy, mineral-enriched drinking water at an affordable price to local communities.

It also provide knowledge sharing to low-income groups and marginalised communities.

Stakeholders: Public private partnership with GVMC, SEWAH and USAID.

Beneficiaries: Over 200,000 pa which includes Local residents, Local Slums, Municipal Workers.

Kiosk not only dispenses water but also acts as a knowledge centre disseminating information regarding WASH and COVID education.

Future Roadmap: To take the community kiosk across India and in Meghalaya with partnership with University of Berkley and Smart Village movement.



www.sync-global.com

World's First Water from Air Mini Plant at Arignar Anna Zoological Park (India's Largest Zoological Park)



Chennai; Renault - Nissan

Objective: To provide access to clean, healthy, mineral-enriched drinking water at multiple locations in the zoo in Chennai.

Stakeholders: We have partnered with Renault Nissan, Ministry of Forest and Sewalaya Foundation for this project

Beneficiaries: Greater than 2 million visitors as well as the staff

Reduced water footprint of the Zoo

Future Roadmap: With the tremendous success of this project several state government authorities in Tamil Nadu are evaluating to install MEGHDOOT in other public locations.



www.sync-global.com

Coastal Tourism – Public Water Project, Rameswaram - World's first Water from Air plant



Rameswaram; TCIL

Objective: To provide a dependable source of clean, healthy, mineral-enriched drinking water to locals and tourists at a tourist spot in a water-scarce river island plagued with saline water sources

Stakeholders: We have partnered with Telecommunications Consultants India Limited (Public Sector Company) for this project.

Beneficiaries: About 2 million people pa which includes local Communities near Dr. APJ Abdul Kalam Memorial, Tourists, Municipal Workers.

Access to clean, healthy, mineral-enriched drinking water at a tourist spot

Future Roadmap: To take the initiative across the country with a similar project already in place at Gujarat.



www.sync-global.com

School WASH – Uttarakhand World's First Water from AIR Mini Plant's



Dehradun, Tehri; Indocorp, THDC

Objective: To provide access to clean, healthy, mineral-enriched drinking water to students at a Public school, in a remote location on a hilly region with poor water access

Stakeholders: We have partnered with Girls Public School and IndoCorp and THDC for this projects

Beneficiaries: The teachers and students which are around 150. They are from marginalized communities. Have installed at 15 schools in the Tehri region catering to about 5000 students.

Access to clean, healthy, mineral-enriched drinking water at a place with hilly terrain.

Future Roadmap: To partner with Akshay Patra which serves more than 19,000 schools which have about 1.8 million students.



www.sync-global.com

Health Services: Potable Water for Dialysis patients, KR Puram Government General Hospital - World's first Water from Air Mini plant



Bangalore; Rotary Club

Objective: To provide access to clean, healthy, mineral-enriched drinking water to doctors and patients of a public hospital who previously were dependent on the uncertain supply of Bore water.

Stakeholders: We have partnered with Rotary Club Bangalore Whitefield Central Chapter, KR Puram Government General Hospital for this project

Beneficiaries: About 100,000 doctors and patients per annum.

Access to clean, healthy, mineral-enriched drinking water at a place with vulnerable population.

Future Roadmap: Partnering with Jaldhaara foundation and Rotary International to replicate with other hospitals.



www.sync-global.com

Mobile Emergency Response - Potable Air Water Plant during COVID-19 lockdown



Objective: To provide clean, healthy, mineral-enriched drinking water to frontline and migrant workers during the COVID-19 pandemic lockdown

Stakeholders: Maithri Aquatech and frontline workers.

Beneficiaries: Front line workers and migrant workers about 1500 people during the campaign period.

Access to clean, healthy, mineral-enriched drinking water at a place with vulnerable and marginalized population with mobile vehicle.

Future Roadmap: Exploring the process of using MEGHDOOT for disaster hit areas.

Hyderabad; Maithri Aquatech




www.sync-global.com

Thank you.

You may reach us by:

Emailing us at: support@sync-global.com

or SMS us: Type SYNC PWFA and text to 56161.

Or CALL: +91 70113 50139 



MAITHRI
AQUATECH

#TeamSync