

CONSERVING WATER RESOURCES AND BUILDING RESILIENCE

# MEGHDOOT Purest Water from Air: Renewable Water for a Greener Planet



## About Maithri Aquatech Private Limited

Maithri Aquatech was founded with the mission to ease dependence on scarce water resources and provide water on a sustainable basis wherever required. The company developed an innovative technology to harvest the water vapor in the atmosphere to produce potable drinkable water. Its innovative solution called MEGHDOOT (which in Sanskrit means 'Messenger of the Sky's') produces 100% microbe-free potable water by using the water vapor present in the air.

Maithri Aquatech has partnered with the Indian Institute of Chemical Technology which operates under the Council of Scientific and Industrial Research. The company has major clients in the private and public sectors, including defense, and has gained recognition even from the Ministry of Water (Jalshakti) in India.

## Our Solutions

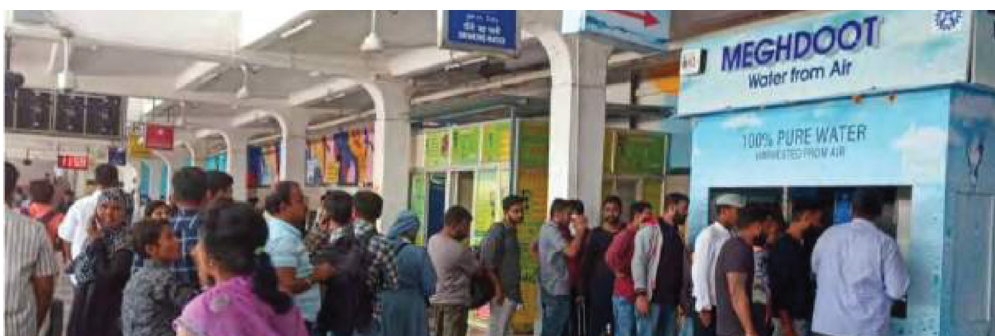
MEGHDOOT is a sustainable water solution created as part of the 'Make in India' initiative. The solution is based on the concept of Atmospheric Water Generation (AWG), and is capable of generating clean water from air, with zero reliance on ground and surface water sources. It was developed in partnership with the Indian Institute of Chemical Technology, who aids in water quality testing and filtration research. MEGHDOOT

is affordable, eco-friendly, sustainable, decentralized, and scalable.

MEGHDOOT produces clean water by condensing the water vapor present in the air into water, filtering it, mineralizing it, and then dispensing it when required. The produced water is potable and also meets the World Health Organization (WHO) and Indian Standards of Drinking Water Quality. To meet specific mineral requirements, a customized mineral dosing solution can also be provided.

This sustainable solution is eco-friendly as it has zero water wastage and zero carbon emissions, can run on renewable energy, and is a perennial source of water. With its modular architecture, MEGHDOOT can generate various grades of water (mineral-enriched, demineralized, alkaline, Type-II, Type-III) on a scalable basis to meet requirements of a wide variety of applications such as non-commercial, industrial, agricultural or others. MEGHDOOT as an AWG is economical, capable of generating water for as low as USD 0.02, and much lesser when running on renewable energy.

As a decentralized solution, MEGHDOOT can be set up in rural communities to not just provide a source of clean, potable water, but also provide opportunities for micro-entrepreneurship and employment generation.



## Pavilion

27 October, 11:00–11:30 a.m.  
(GMT +8, Manila time)

[Join the rapid solutions pitch session](#)  
(passcode: #eMarket2)



**To know more about our  
Smart Water Technology**

## BROCHURES

- [Company Profile](#)
- [Maithri Aquatech](#)

## VIDEO

- [An Atmospheric Water Generator \(AWG\)](#)

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