

American India Foundation to establish oxygen plants in 25 cities

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American India Foundation (AIF), in collaboration with Paytm, Indian Biogas Association, Foundation For Innovation & Research In Science & Technology and Acquafrost Infrastructure Pvt. Ltd., it is set to roll out Oxygen Plants in 25 of the most virus-ravaged cities in the country.

“Working with installation and technical partners, the Plants will bring a quick and long-term solution to the current oxygen crisis, reducing the dependence on liquid oxygen distribution channels, that are stretched beyond their limits,” said Mathew Joseph, Country Director, AIF

The Plants will be based on the proven Pressure Swing Adsorption (PSA) technology and will deliver 90%+ oxygen concentration, only requiring power and water supply from the hospitals.

Bringing in industry and domain experts, the Oxygen Plants will be able to scale up production capacities in the future as per the demands, while maintaining uniform pressure and flow distribution in the PSA towers, a mandate for high purity of produced oxygen.

A few of the Plants will be Rapidly Deployable Oxygen Plants with 500 Litres per month capacity, to speedily strengthen health infrastructure against COVID-19 pandemic, while some others will be Modular Oxygen Generation Plants, designed to be easily transportable on mobile skids, to expedite critical aid to the neediest hospitals and clinics at any given time, generating medical grade oxygen on-site.