

APRIL-MAY-JUNE 2024 VOL. 44 NO. 2

Tackling Global Warming with Carbon Capture

Imagine a world where we can trap and store the carbon dioxide $({\rm CO_2})$ that's heating our planet. That's the promise of carbon capture—a groundbreaking technology designed to fight climate change. By capturing ${\rm CO_2}$ and storing it underground, we can significantly reduce greenhouse gas levels in the atmosphere.



JOIN the movement

to make carbon capture a key player in our battle against climate change.

Advancing Carbon Capture: Bry-Air's Pioneering Efforts

Bry-Air is developing novel materials and components, backed by adsorption technology to capture carbon dioxide directly from the atmosphere through Direct Air Capture (DAC).



NOW

There are currently 42 operational

Carbon Capture and Storage (CCS) projects

worldwide, with the capacity to store 49 million

metric tons of CO₂ annually.



Major Proposed Technologies for Carbon Capture

Membrane Oxyfuel combustion Absorption Multiphase absorption

Adsorption EXCELLENCE

Chemical looping

Calcium looping

Cryogenic

Direct air capture combustion

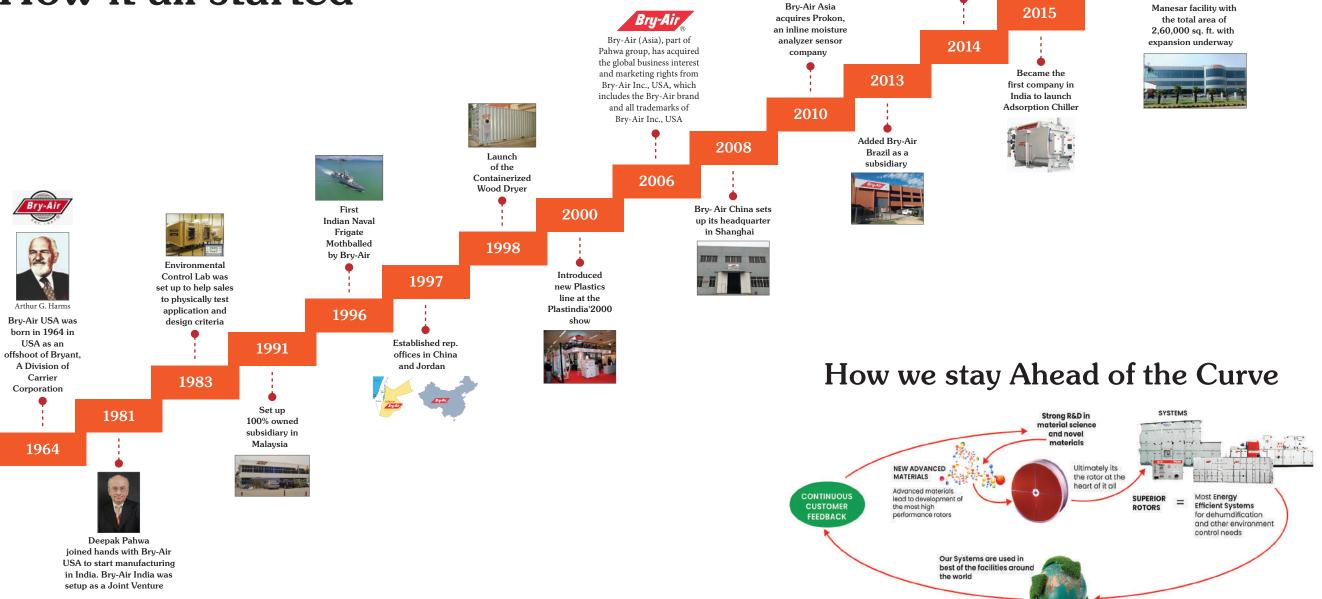
From Emissions to Solutions: Advancing Carbon Capture for a Greener Planet



Bry-Air Celebrates 60 Years of Excellence in Quality Air Solutions

This milestone is a testament to our team's dedication, challenging norms, and setting new standards.

How it all started



Upcoming Technologies

Air to Water Generator



Built Compact Dry Room for Lithium Battery Production at Bry-Air

Gurgaon plant

2019

Office in Nigeria

& Bangladesh

PA≝WA™GROUP

Innovation is life

2024

Planet

2020

A sustainable solution to produce water from the surrounding air, even in arid and semi arid regions.

NMP (N-Methyl-2-pyrrolidone) Recovery



To capture NMP from the evaporated gas released during cathode production process

Carbon Capture



Bry-Air is developing advanced materials to enter direct air capture domain on the principle of adsorption technology

VOC Abatement



To remove VOCs from air emissions, ensuring compliance with environmental regulations.

Upcoming Shows

Bry-Air is excited to announce it's participation in various upcoming exhibitions worldwide. We invite you to join us at these events and explore our latest innovations and solutions.

We look forward to seeing you there!



22-24 August, 2024. Bangalore, India



28-30 August, 2024. Mumbai, India



04-06, Sep., 2024. New Delhi, India



19-21 Sep., 2024. Kuala Lumpur. Malaysia



19-21 Sep., 2024. Kuala Lumpur, Malaysia



03-05 Oct., 2024. Greater Noida, India



16-18 Oct., 2024, Mumbai, India

PA WA GROUP Innovation is life

Press Release Coverage



Title: Will India Achieve Net-Zero Carbon Emissions by 2070?

Author: Deepak Pahwa Publication: Times Tech

Date of Publish: June 18, 2024



Title: How New-Age Marketing is Key to Building a Strong

Brand

Author: Vasudha Jajoo Pahwa Publication: India Television Date of Publish: June 7, 2024



Title: World Environment Day Entitled India Greener: How Companies Aim to Provide the Environment

Author: Deepak Pahwa Publication: Startup Talky

Date of Publish: June 07, 2024



Title: The Importance of Data Localization Regulations on Data Center Strategies

Author: Dr. Vijay Chaudhry Publication: CXO Today

Date of Publish: May 22, 2024



Title: Unlocking India's Pharma Potential: How the new government scheme empowers manufacturers

Author: Deepak Pahwa Publication: Express Pharma

Date of Publish: April 05, 2024



Title: How Sustain-Solutions are Empowering Semiconductor

Technology?

Author: Dr. Vijay Chaudhry Publication: DataQuest

Date of Publish: April 23, 2024







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