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# INOX Air Products commissions its first Green Hydrogen Plant at Asahi India's Soniyana facility at Chittorgarh

*The solar-powered Plant comes up under an industry pioneering 20-year off-take agreement*

*This is India's first Green Hydrogen Plant for the Float Glass industry, signaling the introduction of sustainability in Glass production*

*With a total capacity of 190 TPA, the Plant would supply 95 TPA Green Hydrogen to AIS in Phase-1*

*Use of Green Hydrogen at AIS's facility would reduce carbon emissions by around 1250 MT annually and 25000 MT over the 20-year agreement period*

**Mumbai, 28th March, 2025:** INOX Air Products (INOXAP), India's largest manufacturer of industrial, electronic and medical gases, today announced the successful commissioning of its first-ever Green Hydrogen manufacturing Plant at Asahi India Glass Limited's (AIS) greenfield float glass facility at Soniyana in Chittorgarh, Rajasthan. AIS, India's leading glass manufacturer, have entered into a 20-year offtake agreement with INOXAP for supply of Green Hydrogen, to this facility. The Plant, powered by solar energy, will have a capacity to generate up to 190 Tons of Green Hydrogen per Annum through the electrolysis process. This will be India's first instance of use of Green Hydrogen in the Float Glass manufacturing process, paving the way for sustainable glass production.

INOXAP is responsible for the design, engineering, installation, operations and a continuous supply of Green Hydrogen to the AIS facility for a period 20 years. In the first phase, 95 TPA Green Hydrogen will be supplied to AIS. As a part of the agreement, AIS has invested in the solar power plant, which is supplying renewable energy for the generation of Green Hydrogen, which would be further consumed in AIS's float glass manufacturing process.

Commenting on the commissioning of INOXAP's first Green Hydrogen plant, **Siddharth Jain, Managing Director – INOX Air Products** stated, "We are delighted that our Green Hydrogen journey is underway with AIS for their Soniyana facility. Our first Green Hydrogen Plant, is also India's first ever Green Hydrogen plant for the Float Glass sector. The trust shown by AIS in our capabilities is a testament to our expertise in safety, technology and project management. It is heartening to share that our Green Hydrogen supplies would substantially reduce CO2 emissions at this facility to the tune of 1250 MTPA. Green Hydrogen will play a pivotal role in India's energy transition towards decarbonization and a secured energy future for our country as well as the planet. We look forward to strengthen our Green Hydrogen supplies to more sectors and businesses which are looking to bring down emissions and contribute towards India's march towards net-zero by 2070."

Speaking on the occasion, Rupinder Shelly, COO-Architectural Glass, Asahi India Glass Ltd said, "We are proud to be the first Glass manufacturers in India who are putting Green Hydrogen to use in the float glass manufacturing process. With the commissioning of INOXAP's Green Hydrogen plant at our facility, our commitment to sustainability has got stronger. With an objective of fulfilling 94% of our power requirements through green and sustainable energy sources at our Soniyana facility, we will continue to invest and build our capabilities on Sustainability, Circularity, and De-carbonization. Our investments towards generating electricity from flue gases before releasing through chimney is a step in the same direction. This pioneering initiative not only exemplifies our shared vision for a greener future but also reinforces India's position as a global leader in renewable energy adoption."

AIS has commissioned a greenfield project in Chittorgarh, Rajasthan for manufacturing high-quality float glass to be used for automotive and architectural purposes with technology collaboration from its partners - AGC Europe. The agreement with INOX Air Products for setting up a Green Hydrogen plant for this project is a part of AIS's overall sustainability strategy, and is inspired by their vision to reduce carbon footprint in the glass manufacturing process.

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## **About INOX Air Products:**



INOX Air Products is the largest manufacturer of Industrial & Medical Gases in India. The company offers a unique portfolio of gases, equipment and services through a massive

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## **About Asahi India Glass Ltd (AIS):**



Asahi India Glass Ltd. (AIS) is India's leading integrated glass and window solutions company and a dominant player both in the automotive and architectural glass segments

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