India's First Port-based e-Methanol Production Facility to Produce and Supply Green Fuel to Ships

Green Methanol Plant to Support "Net Zero 2070" Goal as CMs of Gujarat & Assam, Union Minister lay Foundation Stone at Kandla

Rs 2,300 crore investment at Kandla to create 3,500 jobs

Gujarat is India's gateway to the world; now it becomes the world's green energy gateway: Bhupendra Patel

India moves up as the world's leading maritime power; it will now power the world's ships with Green Energy: Sarbananda Sonowal

Assam powered India with Oil & Tea; now it will power the world with Green Energy: Dr Himanta Biswa Sarma

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India took a major step toward becoming a green energy exporter as **Gujarat Chief Minister Bhupendra Patel, Union Minister of Ports, Shipping and Waterways (MoPSW), Sarbananda Sonowal** and **Assam's Chief Minister Dr Himanta Biswa Sarma** laid the foundation stone for the country's first port-based e-methanol plant at Deendayal Port Authority (DPA) in Kandla, **Gandhidham, Gujarat**, today.

The 150-tonne-per-day plant will use renewable power, water and biogenic CO2 to produce e-methanol, a green fuel that will enable cleaner shipping, and supply it to vessels plying on the Asia-Europe International Trade Corridor, one of the world's busiest trade routes. The project positions India as an exporter of green fuel to global shipping. The plant will position India as a global leader in the production and supply of green fuel, and will produce green methanol at a much more competitive rate compared to other global producers, just US$750 per tonne, against a global rate of US$1,300 per tonne.

The Rs 2,300 crore plant is a joint initiative of Deendayal Port Authority (DPA) and Namrup-based Assam Petro-Chemicals Ltd. (APCL), and will be installed in phases, as scalable modules. Phase I of the project will add 50 tonnes per day of capacity at an investment of ₹1,200 crore, targeted for completion by January 2027, followed by Phase II, which will add a further 100 tonnes per day at an investment of ₹1,100 crore, targeted for March 2027, taking the total investment to ₹2,300 crore. The capital

contribution between the two partners stands at a ratio of 76:24 between DPA and APCL. DPA's contribution to the project includes equity capital of ₹567.32 crore, 75 acres of land, desalinated water, and renewable energy in the form of green hydrogen**.** It shall be amongst the largest e-methanol production facilities in India and shall create more than 3,500 direct and indirect jobs. It shall stimulate the complete green energy value chain in and around Kandla, including transportation, storage, supply and other associated ancillaries involved in production of green molecules.

The project supports Prime Minister Narendra Modi's commitment to reach Net Zero emissions by 2070 and will support the implementation of the Prime Minister's mission of Atmanirbharta (self-reliance) in energy, and Make in India, Make for the World, and comes amid a wider push to expand India's maritime sector. The government plans to add 100 new ships to the country's merchant fleet over the next five years and aims to make India one of the world's top five ship-owning nations by 2047. Global shipping major Maersk has also begun ordering containers manufactured in India. As part of Deendayal Port Authority's wider mega port push, the DPA-Cochin Shipyard Limited (CSL) shipbuilding project at Vadinar, worth ₹1,520 crore, is also underway, alongside a proposed greenfield shipbuilding and repair cluster at Kuchhadi, Porbandar, which has received in-principle approval.

Sarbananda Sonowal, who represents Dibrugarh in the Lok Sabha, noted that Assam Petro-Chemicals is based in Namrup in his constituency. He also drew on the cultural ties between Assam and Gujarat, citing the legend of Lord Krishna of Dwarka and Rukmini of the Northeast, the story of Usha and Aniruddha of Tezpur, and the works of the 15th-century Assamese saint Srimanta Sankaradeva. The project was also described as a shining example of Ek Bharat Shreshtha Bharat, bringing together the strengths of Assam and Gujarat in service of the nation.

"Under Prime Minister Narendra Modi’s leadership, India is growing faster and greener than ever, and Gujarat is proud to lead that journey," **Bhupendra Patel** said. "Kutch and the long coastline of Gujarat will now power the world's ships through Kandla. This plant turns our renewable strength into an export and makes Gujarat's coast a gateway for India's green energy to the world."

"PM Narendra Modi has given India the confidence to lead, not follow," **Sarbananda Sonowal** said. "Just as India is now building its own ships and containers, it will soon make the clean fuel that powers global trade. In the years ahead, Kandla will become a green-fuel hub on the Singapore–Rotterdam route, and this plant is a model for every major port in the country. It will open skilled careers for our youth and carry India firmly toward net zero by 2070 and in achieving the goals of VIKSIT BHARAT by 2047."

"PM Narendra Modi has placed the Northeast at the heart of India's growth story, and Assam is repaying that trust with enterprise and ambition," **Dr Himanta Biswa Sarma** said. "Blessed with the mighty Brahmaputra, abundant sunshine and vast hydropower

potential, Assam is ready to become a green energy powerhouse. Today, an Assam company carries that strength from Namrup to Kandla, proving that the Northeast will power India's clean energy future."

Also present were Kutch Lok Sabha MP **Vinod Chavda**, Gandhidham MLA **Maltiben Kishor Maheshwari**, Political Secretary, Govt of Assam, **Taranga Gogoi**, Assam Petro-Chemicals Chairman **Bikul Deka** and Vice Chairman **Hemanta Gogoi,** and Deendayal Port Authority (DPA) Chairman **Sushil Kumar Singh** among other dignitaries from the government as well as from both the organisations. The ceremony was held at the DPA Exhibition Ground in Gandhidham.













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