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Man Industries has been a key player in supplying large-diameter pipes for oil, gas, and water projects globally. How is the company adapting to the growing demand for infrastructure in renewable energy and hydrogen transport?

MAN Industries is actively aligning its capabilities with the global transition to cleaner energy systems. The company has developed hydrogen-ready large-diameter pipelines by strengthening metallurgy, weld integrity and coating technologies required for hydrogen and next-generation energy applications. Its pipes have undergone successful hydrogen-service testing with international research institutions, validating their suitability for hydrogen transport. MAN Industries is also diversifying its product portfolio to support emerging infrastructure in green hydrogen, carbon-capture networks and renewable-energy transmission. Strategic collaborations with global energy players and plans for expanded presence in high-growth regions such as the Middle East position the company to play a pivotal role in upcoming hydrogen and clean-energy corridors.

With India's push for sustainable infrastructure, what steps is Man Industries taking to reduce its carbon footprint and integrate green practices in manufacturing and logistics?

Sustainability is central to MAN Industries' operational strategy. The company is steadily reducing carbon intensity across its plants by improving energy efficiency, deploying renewable power, and optimising fuel and raw-material usage. Key initiatives include water-recycling systems, waste-heat recovery, responsible chemical handling, and increased use of recyclable and low-emission materials. Enhanced coating technologies and longer-life pipe designs also reduce lifecycle emissions for the infrastructure MAN Industries supplies. Internally, the company continues to strengthen its environmental management systems and is integrating ESG standards into procurement, logistics and vendor evaluation.

Global supply chains are evolving rapidly. How is Man Industries leveraging technology and automation to enhance efficiency, quality assurance, and competitiveness in international markets?

Global supply chains are becoming more demanding, and MAN Industries is leveraging advanced technology and automation to deliver superior efficiency, quality, and reliability across international markets. Our LSAW mill is equipped

with state-of-the-art CNC-controlled JCO forming technology and 3-Roll Bender systems from CHR Haeusler, Switzerland, supported by high-speed automated welding stations, a high-productivity expander, and comprehensive NDT facilities.

Our two-step HSAW mill further enhances competitiveness through a specialised forming and GMAW welding process followed by final inside and outside SAW welding, ensuring exceptional weld integrity and long-life performance.

To strengthen quality assurance, our facilities include advanced ultrasonic testing, real-time digital radiography, eddy-current testing, corrosion and stress-analysis labs, microstructure evaluation, PMI testing, and hydro-testing. Automation, digital monitoring, and rigorous testing protocols allow us to meet stringent global standards, reduce variability, and deliver high-precision pipes to EPC customers worldwide. ■