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**Press Release**

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# MAN Energy Solutions Wins German Sustainability Award

Company honoured with prestigious prize as “pioneer of transformation in the German economy”

At an award ceremony in Düsseldorf on November 23<sup>rd</sup>, MAN Energy Solutions won the 16<sup>th</sup> German Sustainability Award as one of the winners in the ‘Mechanical and Plant Engineering’ company category. In its statement, the adjudicating jury emphasised the company’s “particularly effective, exemplary contributions to the transformation, thereby setting an example and sending the right signals to its industry and beyond.”

MAN Energy Solutions offers technologies for eliminating so-called ‘unavoidable residual emissions’, that is, CO<sub>2</sub> emissions that cannot easily be saved or replaced. As an example, the production of cement releases a large amount of carbon dioxide, making this industry alone responsible for around 8% of global emissions. Technology from MAN Energy Solutions makes it possible to separate and capture this CO<sub>2</sub> during the production process, stopping its escape into the atmosphere. MAN technology is also used in the decarbonisation of shipping, energy and heat generation, and in the chemical industry.

Martin Oetjen, COO of MAN Energy Solutions, said: “We work for key global industries that contribute significantly to global CO<sub>2</sub> emissions, but are difficult to decarbonise. Our product portfolio and our new solutions enable us and our customers to have a significant impact on the global energy transition and thus the decarbonisation of the world.”

## Technologies for a climate-neutral future

One of MAN Energy Solutions’ globally acclaimed applications is large industrial heat pumps for decarbonising heat supply, which can be used to supply industrial plants or even entire cities with climate-neutral heating and cooling. In the Danish city of Esbjerg, the company is currently commissioning two heat pumps that will eventually supply 25,000 households with green heat. The plant will replace a coal-fired power station and save 120,000 tonnes of CO<sub>2</sub> per year.

It is also developing large engines for ships and power plants that can run on synthetic fuels, such as methanol, ammonia and synthetic natural gas (SNG). Danish shipping company, A.P. Møller-Maersk, recently commissioned the world’s first container ship powered by MAN B&W engines and fuelled by green methanol. Currently more than 150 MAN methanol engines are ordered by customers. If all of these engines will run on green methanol, they have the potential to save a total of almost 12 million tonnes of CO<sub>2</sub> per year.

The Augsburg-based company is also setting important milestones for climate protection in the cement industry. In 2024, the world’s first plant for the capture of

CO<sub>2</sub> from cement production will go into operation in Brevik, Norway. This will enable the operator, Heidelberg Materials, to reduce its plant emissions by over 400,000 tonnes of CO<sub>2</sub> per year, corresponding to the annual CO<sub>2</sub> emissions of over 200,000 cars.

## German Sustainability Award

The German Sustainability Award is organised by the German Sustainability Award Foundation in cooperation with the DIHK, the Federal Ministry for the Environment, and other partners.

The award is the most comprehensive, national sustainability competition with over 5,000 companies researched and assessed for its purposes. From this pool, 150 jurors from the fields of research, industry associations, consulting and civil society selected “pioneers of sustainability” in 100 sectors of the German economy. From the experts’ point of view, these companies are pioneers of sustainable transformation within the German economy.



*Representatives of MAN Energy Solutions receive the 16<sup>th</sup> German Sustainability Award; pictured (from left to right): Norbert Liepert, Christoph Zeppenfeld, Isabel Vihl, Martin Oetjen (Chief Operating Officer), Richard Gilgenrainer (Copyright: MAN Energy Solutions)*

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MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.