



JOINT MEDIA RELEASE

Singapore, 1 March 2024 | **For Immediate Release**

MAN Energy Solutions opens up largest service hub outside of Europe

New facility in Singapore will help advance global maritime green transition and talent development

Singapore welcomes the opening of MAN Energy Solutions' new mixed-purpose facility today that will expand their local business activities. MAN Energy Solutions is one of the leading global engine makers of alternative-fuel¹ engines, and is driving the maritime energy transition by enabling the use of cleaner fuels in ships around the world. Located in Tuas, MAN Energy Solutions' 20m EUR (S\$30 mil) investment will include a new MAN PrimeServ² training academy for customers and employees, a logistics centre to serve as the warehouse for Asia, and a PrimeServ workshop to provide maintenance and repair services, including for MAN Energy Solutions' alternative-fuel engines.

2. The new facility will serve as the largest service hub for MAN Energy Solutions' activities and engagements outside of Europe, and will allow shipowners and ship managers to gain round-the-clock access to technical services for MAN Energy Solutions products such as repairs and maintenance of their alternative-fuel two-stroke engines, reduce turnaround times for ships due to quicker access to spare parts, and providing training for seafarers on the safe operation, maintenance, and troubleshooting of all MAN Energy Solutions equipment. The new facility would also be timely to cater to the demand for repairs, maintenance and training services for MAN Energy Solutions' alternative-fuel engines, such as the two-stroke methanol dual-fuel engines that are already available and for the two-stroke ammonia dual-fuel engines that are currently in development.

3. The mixed-purpose facility was launched by Dr Amy Khor, Senior Minister of State, Ministry of Transport and Ministry of Sustainability and the Environment today. SMS Khor said, "MAN Energy Solutions has been a long-time partner for Maritime Singapore since its establishment here in 1977. I am heartened that MAN Energy Solutions has placed a strong vote of confidence in Singapore by setting up its second hub outside of Europe here, setting the stage for collaboration in maritime

¹ Alternative-fuel engines are able to run on fuels such as methanol and ammonia, as compared to conventional-fuel engines which run purely on diesel.

² MAN PrimeServ is MAN Energy Solutions' after-sales brand that offers a vast network of service centres to their customers all over the world.

decarbonisation, digitalisation, and talent development. The expansion of MAN Energy Solutions' workshop and warehouse activities will provide much needed capacity to support the maintenance of ocean-going vessels that adopt engines fuelled by new marine fuels. MAN Energy Solutions' expanded training academy will also support Singapore's drive to upskill and reskill of our workforce, to build confidence for maritime workers to safely handle new marine fuels. I look forward to many more years of meaningful collaboration, especially in these emerging areas."

4. Dr Uwe Lauber, CEO MAN Energy Solutions, said, "With over 9,000 square metres of floor space, Singapore is our largest hub outside of Europe in what is one of the most important maritime centres globally. We intend for this mixed-purpose facility to advance the maritime energy transition locally through education, logistics, and a comprehensive after-sales portfolio. Ultimately, we are 'moving big things to zero' and leading our customers towards a multi-fuel, decarbonised future."

5. Mr Teo Eng Dih, Chief Executive Officer of the Maritime and Port Authority of Singapore, said, "As the world's largest bunkering port and major transshipment hub, Singapore is committed to the maritime digitalisation and the green transition. We have been long-time partners with MAN Energy Solutions and have been working closely together in various methanol and ammonia shipping consortiums and also in skills development. MAN Energy Solutions' new maintenance and training facility here will add deep expertise and experience to the growing and vibrant new fuels ecosystem here and also upskilling of our maritime workforce, especially in the area of new methanol and ammonia engines."

6. Nicolas Brabeck, Managing Director, MAN Energy Solutions, Singapore said, "This new facility represents one of the biggest investments that we have made outside of our product centres within recent years. It forms a key part of our company's Triple 10+ business strategy that aims for growth through green technologies. In this context, we intend to equip our personnel with the right skillsets to handle the new technologies coming online and drive our business forward. We therefore expect to significantly increase staff numbers on-site to some 400 people by 2027, and look forward to cultivating great relationships with our customers and the various, Singaporean authorities."

7. MAN Energy Solutions' Singapore office is its largest service hub outside Europe, and currently employs 250 staff. Refer to Annex for the factsheet on MAN Energy Solutions.

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About the Maritime and Port Authority of Singapore (MPA)

MPA was established on 2 February 1996 with the mission to develop Singapore as a premier global hub port and international maritime centre, and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's port and maritime development, taking on the roles of port authority, maritime and port regulator and planner, international maritime centre champion, national maritime representative and a champion of digitalisation and decarbonisation efforts at regional and international fora such as at the International Maritime Organization. MPA partners industry, research community and other agencies to enhance safety, security and environmental protection in our waters, facilitate maritime and port operations and growth, expand the cluster of maritime ancillary services, and develops maritime digitalisation and decarbonisation policies and plans, R&D and manpower development. MPA is responsible for the overall development and growth of the maritime domain and Port of Singapore. In 2023, Singapore's annual vessel arrival tonnage crossed 3 billion Gross Tonnage and remains the world's busiest transshipment hub, with a total container throughput of 39.0 million 20-foot equivalent units (TEUs).

For more information, please visit www.mpa.gov.sg/

About MAN Energy Solutions

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.

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MAN Energy Solutions Global

MAN Energy Solutions is at the forefront of enabling sustainable value creation in the transition towards a carbon-neutral future. We are systematically addressing tomorrow's challenges within the marine, energy, and industrial sectors, enhancing efficiency and performance. Our planet and our customers require innovative solutions to meet climate goals and restrictions.

With over 250 years of leadership in advanced engineering, we have developed a unique portfolio of technologies. MAN Energy Solutions, headquartered in Germany, employs approximately 14,000 people across more than 120 global sites. We are pioneers in providing solutions for the world's largest industries, driving positive change through engineering.

We rely on five technologies to help our clients achieve the target of 'net zero': H-TEC PEM-Electrolysis, Green Engines, Retrofit, Heat Pumps and Carbon Capture. Our technology enables large ships to run on green fuels-new and old. We could produce large quantities of hydrogen from renewable fuels. Our CCUS technology could capture carbon emissions where they are unavoidable. We can supply local communities and industry with climate-friendly heat. Our commitment is that we will reduce CO2 emissions of our own production by 50 percent by 2030; by 2030, our product portfolio will offer a CO2 neutral version for each main application in new build.

Our extensive experience has prepared us for our most significant challenge yet – decarbonization. Our expertise and technologies position us uniquely to aid in the decarbonization of major global industries. From pioneering key technologies to leading digital solutions and a continuously evolving core portfolio, we possess the experience, the technology, and the passion to accomplish this task. To be pioneers of decarbonization.

MAN Energy Solutions Singapore

MAN Energy Solutions Singapore, with its rich marine engineering legacy comprising B&W, Mirrlees Blackstone, Paxman, Pielstick, Ruston, and more brands, is proud of its contribution to the world's marine history and long presence in Singapore.

Today, MAN Energy Solutions Singapore is a reference point for all things that MAN has to offer. Our service offerings include marine engines for light, medium and heavy-duty:

- Power plants
- Gas turbines
- Industrial stationary engines for GenSet applications
- Gas engines for natural and biogas applications
- Engine and turbocharger repair and maintenance

In 2019, MAN Energy Solutions launched the latest technological advancement in global real-time online engine monitoring and diagnostic systems named PrimeServ Assist. Our Singapore operations is one of only three hubs in the global network.

MAN Energy Solutions Singapore is also one of the largest service hubs outside Europe with over 250 employees and over 9,000 m² of floor space.

Addressing the key issue of sustainability, MAN Energy Solutions offers a complete range of up-grade and retrofit solutions. We also offer long-term service agreement solutions to optimize running costs and safeguard your investment. Our sales territories comprise Brunei, Cambodia, Laos, Malaysia, Singapore, Thailand, Vietnam, and Myanmar. MAN Energy Solutions Singapore enjoys a major role in the company's global support network.

Introduction of New Facility

On 1 March 2024, Singapore welcomes the opening of MAN Energy Solutions new mixed-purpose facility that will expand local business activities. Located in Tuas, the facility includes a new MAN PrimeServ training academy for customers and employees, a logistics center to serve as the warehouse for Asia, and a PrimeServ workshop to provide maintenance and repair services for engines.

The new facility will serve as the largest service hub for the MAN Energy Solutions' activities and engagements outside of Europe, and allows shipowners and ship managers to gain round-the-clock access to technical services for MAN Energy Solutions' products and services such as repairs and maintenance of alternative-fueled two-stroke engines, reduce turnaround times for ships thanks to quicker access to spare parts, and providing training for seafarers on the safe operation, maintenance, and troubleshooting of all MAN Energy Solutions equipment. MAN Energy Solutions has invested a sum of some 20m EUR in developing the new facility and expansion of their existing local office, and plans to expand employee headcount in Singapore to approximately 400 by 2027.

Decarbonisation Initiatives

Climate protection and decarbonization are at the core of our strategy for the future, which we have now fine-tuned and enlarged on. We want to signpost concrete ways of reducing harmful emissions in key sectors of the global economy. Because we do not consider combating climate change to be a task for government alone. It is also down to us. We at MAN Energy Solutions are facing up to the challenge and making it our mission.

With our company's new purpose of ***"Moving big things to zero"*** we are focusing on the big emitters, the hard-to-abate industries which cannot be electrified directly. This

gives us a huge lever for decarbonization, and we believe that our technologies can help various industries reduce worldwide CO2 emissions.

MAN Energy Solutions Singapore's strategy and goals aligns with Singapore's decarbonization initiatives and sustainability efforts. With MAN Energy Solutions portfolio of key technologies, we can help customers reduce emissions, make more efficient use of energy, and leverage green fuel alternatives. We are looking forward to sharing a strategic vision with our Singapore customers to explore more opportunities and facilitate the green transformation for a net zero future together.

With our know-how, expertise, and leading edge in each of these technologies, MAN Energy Solutions Singapore is well placed to provide future-ready answers to today's climate challenges.