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**Press release**

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## MAN technology for offshore gas production in Brazil

**MAN Energy Solutions has received an order to supply a total of seven compressor trains for a new FPSO vessel off the coast of Brazil.**

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**MAN Energy Solutions Schweiz AG**  
Hardstrasse 319, 8005 Zürich  
Switzerland

Postal address:  
8005 Zürich, Switzerland

[www.man-es.com](http://www.man-es.com)

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**Group Communications**  
Roberto Rubichi  
P +41 44 278 33 25  
[roberto.rubichi@man-es.com](mailto:roberto.rubichi@man-es.com)

Yinson, a global energy solution provider headquartered in Kuala Lumpur (Malaysia), has commissioned MAN Energy Solutions to provide five centrifugal compressor trains for gas production and export. For the same FPSO asset (floating production storage and offloading), MAN is also supplying two screw compressor trains, which will be used as gas recovery systems.

All compressor trains will be deployed on the FPSO Maria Quitéria (previously called FPSO Integrado Parque das Baleias "IPB"), which is situated around 80 kilometers off the coast of Anchieta (Espírito Santo, Brazil) at the Jubarte Field in the northern Campos Basin. The field is operated by Petrobras and lies at a water depth of approximately 1300 meters. Once ready for operation at the end of 2024, the FPSO will have a production capacity of 100,000 barrels of oil and five million Sm<sup>3</sup> of gas per day.

Basil Zweifel, Senior Vice President, Sales & Project Management at MAN Energy Solutions, states as follows: "We are proud that Yinson has once again placed its trust in our technology and expertise. As with FPSO Anna Nery, our first joint large-scale offshore project in Brazil, MAN will supply the complete compressor technology solution for the new FPSO Maria Quitéria. We have been able to prove the capabilities of our energy-efficient, reliable and flexible technology solutions in recent years through numerous FPSO projects in Asia, Central and South America as well as Western Africa. We are now looking forward to the opportunity to work again with Yinson on this major project for Brazil's energy market."

MAN Energy Solutions' scope of supply comprises three radial compressor trains type RB 45 as low-pressure systems and two type RB 28 as high-pressure systems, each driven by an electric motor. The machines will be utilized for both gas exporting and gas lifting applications in order to maximize the flow rate and efficiency of the gas production.

The two SKUEL321/CP200 screw compressor trains will be driven by electric motors and used as vapor recovery units. The resulting flash gas is pressurized by the screw compressors and fed back into the process rather than being flared. This process not only increases the efficiency of the gas production, but also significantly reduces its CO<sub>2</sub> emissions.



A centrifugal compressor train for offshore gas production by MAN Energy Solutions



A screw compressor train as offshore Vapour Recovery Unit (VRU) by 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.