
Press release

Augsburg, November 14th, 2022

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Maritime Sector and Green Hydrogen Leaders Agree Ambitious Targets at COP27

Joint Statement on Green Hydrogen and Green Shipping commits to rapid adoption of green hydrogen-based fuels this decade for full decarbonisation of shipping by 2050; calls on policymakers to match ambition

At a meeting at the 2022 United Nations Climate Change Conference (COP27) in Sharm El-Sheikh, Egypt, MAN Energy Solutions – along with leading organisations across the shipping value-chain and the largest producers of green hydrogen – signed a ‘Joint Statement on Green Hydrogen and Green Shipping’. The document commits all signatories to the rapid adoption of green hydrogen-based fuels during the current decade in order to achieve the full decarbonisation by 2050 of the shipping sector, one that currently accounts for 3% of global greenhouse gas emissions. It also calls on policymakers to match these ambitious targets.

CEO Uwe Lauber, signed the Joint Statement on behalf of MAN Energy Solutions and said: “Decarbonisation of the marine industry is a mammoth undertaking but, I believe, eminently achievable through cooperation with like-minded industry partners. At MAN Energy Solutions, we believe that hydrogen has a key role to play in getting to net zero and our recent, significant investment in our hydrogen subsidiary, H-TEC SYSTEMS, intends to quickly transform it into a mass-producer of PEM electrolyzers. More than anything, the world needs a massive amount of industrially-scaled, green hydrogen production to build momentum for the broad adoption of hydrogen as a maritime fuel.”

The Joint Statement was facilitated by Climate Change ‘High-Level Champions’ – UN nominees that connect governmental work with the voluntary and collaborative initiatives taken by cities, regions, businesses and investors – and nonprofit energy organisation, RMI. Besides MAN Energy Solutions, it was also signed by – among others – the Aspen Institute, the Global Maritime Forum’s Getting to Zero Coalition, the Green Hydrogen Catapult, InterContinental Energy, and A.P. Moller - Maersk.

Signatories have agreed to pursue cross-sector collaboration to achieve:

- commercially-viable, zero-emission, deep-sea vessels from 2030 with the intention of using exclusively zero-emission-powered ocean-freight services by 2040;
- the scaling-up of green hydrogen production to 5.5 million tons per year by 2030;
- the full decarbonisation of the shipping sector by 2050 at the latest.

They also called upon international authorities and national governments to support private-sector commitments with a correspondingly ambitious policy, and specifically asked the International Maritime Organization and member states to commit to a 100% emissions reduction within the maritime sector by 2050 with robust, interim targets.



MAN Energy Solutions is investing significantly in its hydrogen subsidiary, H-TEC SYSTEMS

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.