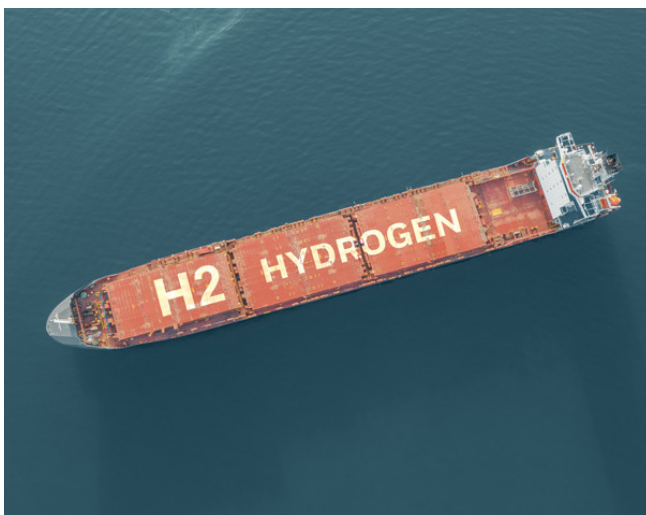


## NEW REPORTS ON THE SAFETY OF AMMONIA AND HYDROGEN AS FUELS IN SHIPPING

EMSA has launched two final reports in its study series investigating the safety of hydrogen as a fuel in shipping and the safety of ammonia as a fuel in shipping. Both study series have been developed to assist national administrations, industry, and maritime stakeholders in the sustainable transition of shipping. [The study series on hydrogen](#) includes an analysis of hydrogen's main characteristics to frame which safety hazards, system threats and risks should be considered and mitigated when using hydrogen as ship fuel. It also encompasses the results of a reliability and safety analysis of equipment and safety-critical systems used in hydrogen-fuelled ships, and a comprehensive hazard identification for generic hydrogen fuel systems and the findings of a risk analysis of two generic hydrogen fuel system designs. The series also includes the results of a risk analysis conducted on two specific ship types using hydrogen as fuel: a platform support vessel with compressed hydrogen stored above deck and a service operation vessel with liquefied hydrogen stored below deck. The final report presents conclusions and recommendations of a multi-part study, developed to support national administrations, industry, and maritime stakeholders in the sustainable transition. [The study series on ammonia](#) includes an extensive analysis of ammonia's properties and characteristics, and how these properties are applicable as a marine fuel, and the identification of critical equipment and failure modes and a quantitative evaluation of the reliability of ammonia systems. The study also incorporates the results of a hazard and operability study of a generic ammonia fuel supply system from the fuel tank to the internal combustion engine, as well as hazard identification exercises on the use of ammonia as fuel in a Newcastlemax dry bulk carrier and a mega ro-ro, including risk assessment of scenarios in which there are simultaneous operations in ports. The final report consolidates the study's findings and recommendations, which can be used for future regulatory developments.



## SAFE TRANSPORT OF ALTERNATIVE FUEL VEHICLES ON RO-RO SHIPS REPORT PUBLISHED

EMSA has published the first report in the Safe Transport of AFVs on Ro-Ro Ships (STARRS) study series, which aims to provide scientific and technical knowledge on fire safety of Alternative Fuel Vehicles (AFVs) on board ships. The [first report](#) provides an overview of the regulatory landscape governing the safe transportation of AFVs, including a review of regulations, rules and guidelines across both maritime and non-maritime domains. Then, the state-of-the-art of experimental findings on fire safety of AFVs in ro-ro spaces, as well as prior research on numerical modelling and simulations, were reviewed and summarized. Finally, conclusions from the review are presented, including a summary of the scientific and technical knowledge identified in the form of a mapping. The results of the reviews will serve as technical justification for the development of recommendations in the upcoming parts of the STARRS study. The final outcome of the study will be to provide recommendations for further industry guidance and input to the development of International Maritime Organization (IMO) relevant instruments.



## EMSA EXECUTIVE DIRECTOR ADDRESSES THE COMMITTEE ON TRANSPORT AND TOURISM OF THE EUROPEAN PARLIAMENT

On 27 January, our Executive Director Maja Markovčić Kostelac updated the Committee on Transport and Tourism of the European Parliament on EMSA's activities and projects, and answered questions from Members of the European Parliament. Ms. Markovčić Kostelac underlined that the entry into force of EMSA's new Founding Regulation on 18 January 2026, together with the Maritime Safety Package, will frame the Agency's activities in the coming years. "We are all aware of the dynamics in the geopolitical environment which certainly have an impact on maritime transport. For that reason, we need to remain a dynamic organisation which is able to adapt, and which is able to deliver the ever-growing needs of our stakeholders in the maritime safety, sustainability and security arena," she told MEPs.



Our Executive Director briefs the TRAN committee on EMSA's work and activities, and answers questions from MEPs

## GREENING AWARD INITIATIVE: APPLICATIONS ARE OPEN UNTIL 30 MARCH!

The second edition of the Greening Award Initiative is open for applications until 30 March 2026. The Greening Award Initiative was set up to celebrate the sustainability actions and activities carried out by authorities carrying out Coast Guard Functions which empower a green transition, contribute to a more sustainable future, and which directly or indirectly support the goals of the European Green Deal. The Greening Award Initiative is jointly organised by the three European Agencies tasked with supporting national authorities carrying out Coast Guard Functions – the European Fisheries Control Agency (EFCA), the European Maritime Safety Agency (EMSA), and the European Border and Coast Guard Agency (Frontex). Find out more about the [Greening Award Initiative](#).



[emsa.europa.eu](https://emsa.europa.eu)

**PROCUREMENT:** MARINFO Cloud services: Operations, maintenance and enhancement services - New deadline (06/02/2026). LRPAS Services for Emissions Monitoring (03/03/2026). EU Risk Analysis of marine oil pollution by ships and by oil and gas installations (23/03/2026). Provision of satellite images and value added products for Maritime Surveillance based on Sentinel-2 sensors (23/03/2026). See website for more.