

Energising Insights: Unveiling the Economic Benefits of Energy-Saving Devices



Amazeng Nautical Association (ANA) alumni of marine engineers trained at the renowned Mazagon Docks Ltd, in keeping with their tradition of mentoring and giving back to the fraternity, organised an online webinar on Friday, 22nd December 2023 as part of their continual knowledge sharing endeavours.

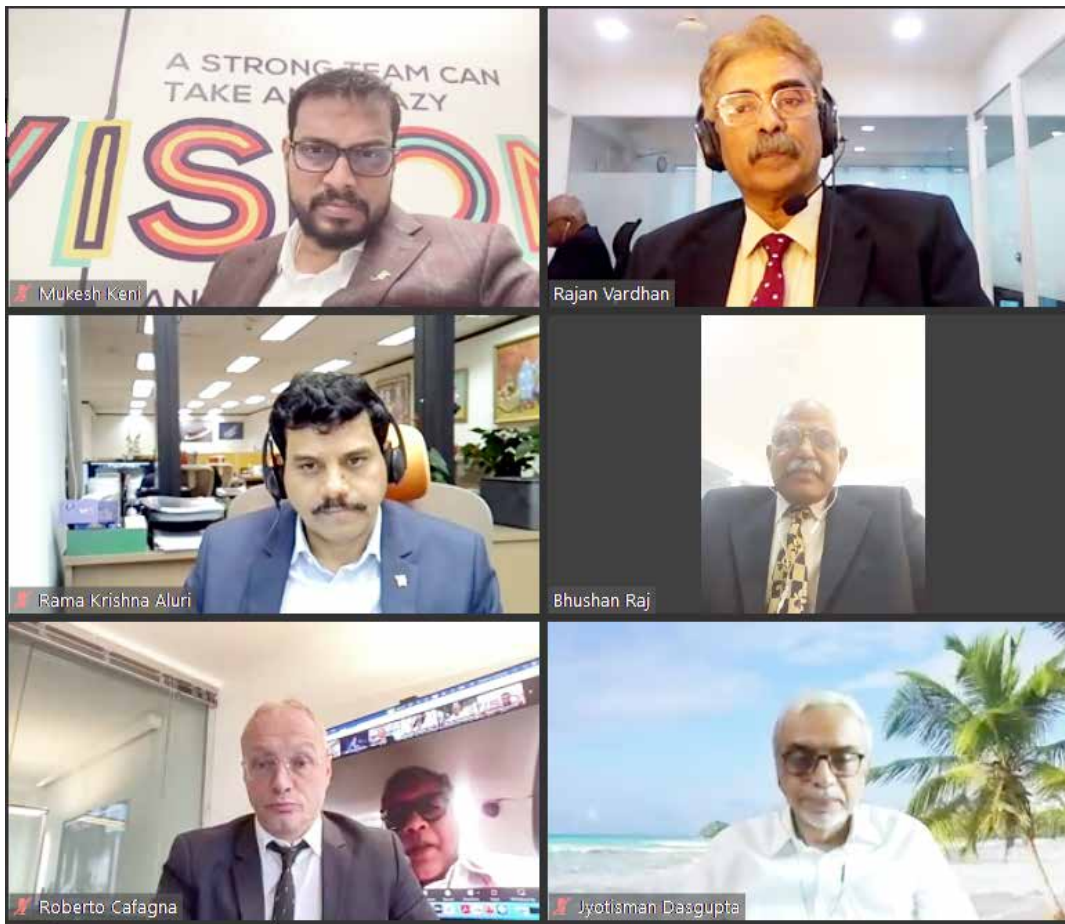
In keeping with their practise of delivering thought provoking sessions, the topic under discussion was the Impact of Energy Saving Devices and the accrued economic benefits to ship owners/managers and related stake holders.

The collaborative partnership extended to the professional brotherhood of members from IME(I)/ IEI/ INA. Participation in the webinar was noted from several allied entities and was graced by industry luminaries, including the **DGS Shri Shyam Jagannathan (IAS)** who encouraged the importance of self- reliant technologies, institutionalising development, organic linking of initiatives with proof of concepts etc.

Guests of Honor being **Shri S M Rai / Cdr B Bhandarkar / Shri David Birwadkar** and **Shri Jyotisman Dasgupta** holding apex level positions across academic and other organisations with a rich bandwidth of domain expertise, presented various industry related perspectives on EEXi / CII / SOx NOx CO₂ etc.

The virtual program began at 1500 hrs, with compere **Shri Bhushan Raj**, Hon Fndr Sec (ANA) welcoming the array of participants and ANA Hon. President **Shri Sanjeev Mehra**, (Kenmark Tech Solutions) sharing insights on the technical and philanthropic objectives being delivered by the Amazeng Nautical Association. The moderator, **Shri Rajan Vardhan** (Ex BV surveyor), then took over to introduce the spectrum of technocrats who had agreed to contribute in the knowledge sharing.

VayuJal Technologies Co – Founder & CEO, **Shri Ramesh Kumar Soni** (IIT, Chennai) spoke on the Atmospheric Water Generators, combining nanotechnology



with bio-mimicry and its environmental advantages in sustaining the water resources. The potential maritime applicability remains wide open for the industry to embrace, as the AWG has proven track records across geographies.

Navalt CEO, **Shri Sandith Thandasherry** (IIT, Chennai/INSEAD) known to have revolutionised the boating industry with Aditya, the country's first solar powered ferry, spoke on the bouquet of initiatives using AI/ML to deliver predictive results for ship owners to help with industry related environmental compliance and added cost benefits.

Azolla project lead, **Shri Mukesh Keni**, (Ex Ch Eng/Project Manager) having successfully installed over 120 scrubbers onboard ships, presented several options of retrofit devices used at various crucial areas on the hull to augment efficiency and savings for ship owners.

Azratech CEO, **Mr. Roberto Cafagna**, presented credible guarantees on biocide free



Ramesh Kumar

marine friendly hull coatings on ocean going fleet.

SmartShip Hub Master Mariner, **Capt. Shailesh Bhamhani** (MBA/IIM - Kolkata) shared valuable insights on using cutting edge digital technology to stream live data from ships which in turn is analysed by a trained team of

proficient staff in India and provides constant feedback for ship staff to optimize onboard and open water resources.

Chellaram Shipping Deputy Director (Tech), **Shri Aluri Rama Krishna**, spoke on the tangible ROI and benefits accrued from a slew of ESDs successfully used in his fleet over time.

The webinar extended beyond time due to authentic experiences shared and was courteously concluded around 1720 Hrs, by Shri Rajan Vardhan. A vote of thanks was proposed by Shri Bhushan Raj, for the time and inputs from all the panellists, ably supplemented by the Guests of Honour. Mementoes, courtesy Gulf Turbo, were presented by Shri Sanjeev Mehra.