



# European Tugowners Association

## ETA Sustainable Conference 2023 Rotterdam, 9<sup>th</sup> of November, Rotterdam Ahoy

### Conference programme

Theme: *'The dark horse. Can nuclear be a clean energy option for small vessels?'*

#### Objective

This conference attempts to have a look at what is going on in terms of innovation in the area of low energy nuclear reactions and discuss if this type of solution can potentially also be one of the players in the race for fuels of the future. Furthermore, we will discuss whether this type of technology, can at some point in the upcoming years, be potentially an option that working vessels such as tugs may tap into.

#### Programme

- 10.00-10.05 Opening by the ETA Chairman, Alberto Dellepiane.
- 10.05-10.10 Introduction by the moderator, ETA Secretary General Anna Maria Darmanin.
- 10.10-10.30 Nick Lambert, Director NLA International.
- 10.30-10.50 Claudia Gasparrini, Associazione Italiana Nucleare.
- 10.50-11.10 Minas Diacakis, American Bureau of Shipping.
- 11.10-11.20 Fabrizio Petrucci, Prometheus.
- 11.20-12.15 Debate with the audience.
- 12.15-12.30 Conclusions and wrap up of the session by ETA Secretary General Anna Maria Darmanin.

**Nick Lambert** is a master mariner and a committed proponent of the maritime users' perspective. He advises on a wide range of maritime issues including the growing potential of the blue economy concept, the importance of spatial data infrastructures and hydrography for maritime economies, the evolution of eNavigation and GNSS vulnerability, near or real time situational awareness (especially that derived from space based assets and applications), human factors, and training and education in the maritime sector.

**Claudia Gasparrini** is a researcher with a strong interest in nuclear science and engineering. She has contributed to the development of nuclear technology by researching materials with state-of-the-art-techniques thanks to the establishment of cross-country collaborations. Graduated in Chemical Engineering at Padua University, she obtained a PhD in Nuclear Materials from the Imperial College London and currently she is a EUROfusion Fellow at Consorzio RFX, Padua, Italy and an Academic Visitor in the Centre for Nuclear Engineering and Department of Materials at Imperial College, London, U.K. She is now working on water chemistry optimisation for fusion experimental reactors cooling circuits.

**Minas Diacakis** is a senior engineer at the American Bureau of Shipping, more specifically at its Global Ships Systems Center in Athens. During his long career, Mr Diacakis has worked as an engineer for different companies in the field of energy services. Graduated in mechanical engineering at the London South Bank University, he obtained a PhD in Fuel Cells and Gas Turbines from the Cranfield University.

**Fabrizio Petrucci** is an entrepreneur. He has been lawyer, auditor and journalist. As a lawyer he has practiced in a number of prestigious international firms and has lectured in several Italian universities. Having a fascination for innovation and technology Fabrizio always sought support start-up companies in technology. As an investor he has invested in many companies and served as a director of most of them. Currently Fabrizio is the CEO of Ground control holding, a venture builder, and of the start-up Prometheus SRL.