

The European Association of Universities in Marine Technology and Related Sciences (WEGEMT) and The Royal Institution of Naval Architects (RINA) are jointly organizing a 2-day course on “Green Shipping: Energy, Emissions & Economy”.

The course is mainly addressed to postgraduate university students (M.Sc. and PhD) and the professional profiles of managers, middle managers, specialists and qualified professionals in the field of marine technology.

Attendance at this course qualifies as Continuing Professional Development (CPD) and all participants will receive a CPD Certificate.

Below is the detailed schedule of the course:

Day 1 / 27 May 2020

09:00 – 09:10 **Welcome/** RINA

09:10 – 09:40 **Green shipping: Definition and rationale/**George Panagakos (Technical University of Denmark)

09:40 – 10:15 **The legal framework (IMO & EU)/**George Panagakos (Technical University of Denmark)

10:15 – 10:45 Coffee break

10:45 – 12:00 **Taxonomy of CO₂ reduction measures/**George Panagakos (Technical University of Denmark)

12:00 – 13:00 Lunch break

13:00 – 14:15 **Monitoring CO₂ emissions/**George Panagakos (Technical University of Denmark)

14:15 – 14:45 Coffee break

14:45 – 16:00 **NO_x and SO_x emission control technologies/**Peilin Zhou (Strathclyde University)

16:00 – 17:15 **LNG as an alternative marine fuel/**Peilin Zhou (Strathclyde University)

Day 2 / 28 May 2020

09:00 – 10:15 **Life Cycle thinking – Life Cycle assessment**/Nikolaos Ventikos (National Technical University of Athens)

10:15 – 10:45 Coffee break

10:45 – 12:00 **Ship air emissions Life Cycle inventory studies**/Nikolaos Ventikos (National Technical University of Athens)

12:00 – 13:00 Lunch break

13:00 – 14:15 **Energy efficiency improvement of existing ships**/Hossein Ghaemi (Gdansk University of Technology)

14:15 – 14:45 Coffee break

14:45 – 16:00 **Optimisation of ship control systems**/Hossein Ghaemi (Gdansk University of Technology)

16:00 – 17:15 **EEDI and ship propulsion systems**/Ioannis Ergas (WEGEMT)

17:15 – 17:30 **Course evaluation & Goodbye**/ RINA

Venue

The course will be held at RINA's Headquarters (8-9 Northumberland Street, London, WC2N 5DA, UK) between the 27th and 28th of May 2020.

Course Fees

Course registration fee includes a bound training manual, lunch and refreshments.

- RINA members: £300
- Non-members: £350
- Concessions: £250
- Students*: £250

*Students studying at a university which is an active member of WEGEMT

Application

Kindly register your interest in the WEGEMT course “*Green Shipping: Energy, Emissions and Economy*” by visiting RINA’s website (https://www.rina.org.uk/WEGEMT_Course_on_Green_Shipping.html)

Delegates may take advantage of RINA's membership to stay at Club Quarters, less than one minute's walk from RINA’s Headquarters in London.