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# **BLOW**

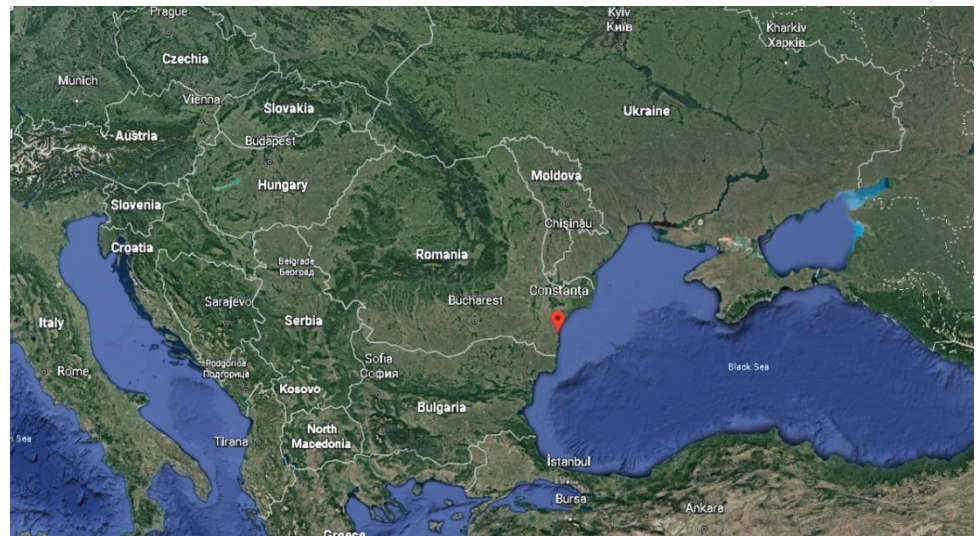
## **Brussels Kick Open Meeting**

### **18-19 January 2023**

**Partner CMU - Constanta Maritime  
University**



# CONSTANTA MARITIME UNIVERSITY





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## BACHELOR STUDIES FOR THE TRADITIONAL MARITIME INDUSTRY

- *Navigation and waterborne transports* (full time studies in Romanian and English and part time studies). Diplomas cover specific engineering and maritime **competences** – voyage planning, execution and monitoring, safety of navigation, operation and running of navigation aids.
- *Marine Engineering* (full time studies in Romanian and English and part time studies), graduates achieve **competence** in operating and running naval engines, installations and machinery.
- *Electrical Engineering* (full time and part time studies) - undergraduates acquire **competences** in the operation and running of electrical machinery and equipment, testing, diagnose and maintenance of electrical systems.



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## INTERNATIONAL ASSOCIATIONS

**CMU is an active member of the following international associations:**

- **International Association of Maritime Universities (IAMU);**
- **Black Sea Association of Maritime Institutions (BSAMI);**
- **Black Sea Universities Network (BSUN);**
- **Global On-Board Training Center (GOBTC);**
- **International Maritime Lecturers' Association (IMLA);**



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## TRAINING FACILITIES

Labs endowed with state of the art equipment useful both for research and didactic activities: ***the Integrated Complex of Simulators*** able to further theoretical knowledge and develop the practical skills of the students;

The *Complex* includes:

- The Navigation and Shiphandling Simulator;
- The Engine Room Simulator;
- The Global Maritime Distress and Signalling System Simulator (GMDSS);
- The Liquid Bulk Cargo Handling Simulator;
- The Dynamic Positioning Simulator;
- The Electronic Chart Display and Information System (ECDIS);
- The Management of Potential incident PISCES II Simulator.

All simulators have been purchased from highly renowned companies - Kongsberg Maritime Ship Systems, Norway, Transas Group and are certified by Det Norske Veritas and Telenor Group Norway.





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## Experience collaborating with Oil Platforms Crew





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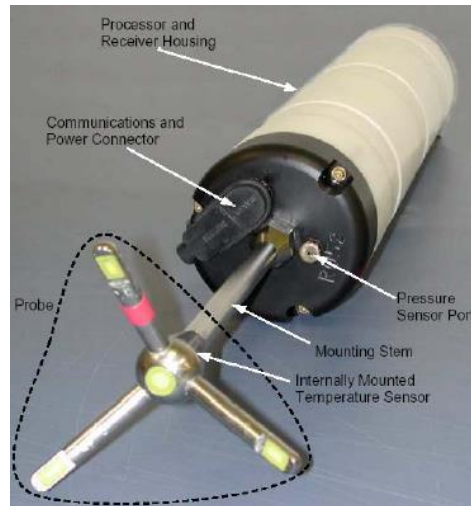
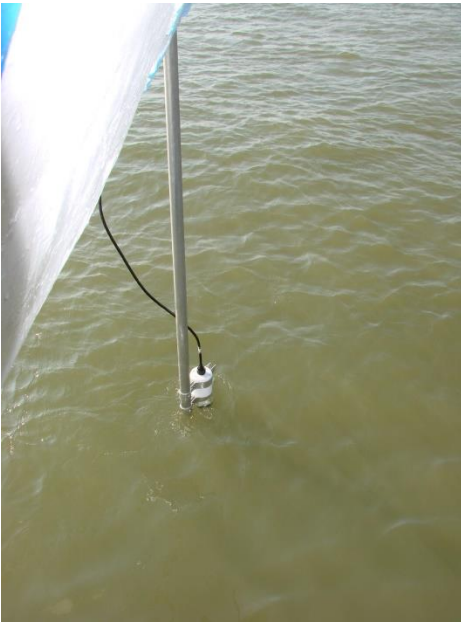




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## Mounted equipment on “CENTRALA” oil Platform







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## Task covered:

- **WP3 Adaptative Design from Data Collection and Specifications-** T3.1: Local geographical analysis and wind potential assessment
- **WP5: Demonstration Process** T5.2: Environnemental monitoring and data collection
- **WP4. Pilot Set-up** T4.1: Prototype production
- **WP7: Industrialization towards mass production and upscaling actions**  
- T7.3: Replication roadmap towards mass production
- **WP8. Dissemination, Exploitation**



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## What CMU mainly need to do in BLOW:

1. Mount a Vaisala Windcube wind profiler; first on the Petroceltic Oil Platform and, after, when the wind turbine mainbase will be deployed, relocate on this one.
2. Depending on the possibilities, to mount a sea waves profiler made by Aanderaa or SonTek at the wind turbine location and after, for replication, on a Romanian oil platform.



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SeaGuardII DCP  
Multiparameter Doppler Current Profiler



Thank you!

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