

INTERNATIONAL NAVAL SEMESTER



60th IG Meeting, Riga, Latvia

LoD 11 – participant BOEI

- 10 participants
- 7 partners institutions

- Romanian Naval Academy, **Romania (2)**;
- Polish Naval Academy, **Poland (1)**;
- “Nikola Vaptsarov” Naval Academy, **Bulgaria (1)**;
- Hellenic Naval Academy, **Greece (2)**;
- Italian Naval Academy, **Italy (2)**;
- Spanish Naval Academy, **Spain (1)**;
- National Defence Academy of Latvia, **Latvia (1)**.



Colonel Catalin POPA
Associate Professor, PhD
Chairperson LoD 11

INTERNATIONAL NAVAL SEMESTER

LoD 11 – discussions/topics/debates

➤ The INS project presentation – activities and tasks settings;

➤ The partners presented the upcoming modules for 2023/2024;

➤ The projects results under implementation were disseminated;

➤ The joint Navy online platform had been updated (marplat.eu);

➤ The project NAVY-INS-Tech has officially started and the partners have conducted discussions on further activities/tasks assignment.

INTERNATIONAL NAVAL SEMESTER

LoD 11 – INS strategic project : NAVY-INS-Tech

PROJECT TITLE: *"International Naval Semester Development Applying the Intelligent Technologies and the Innovative Tools in the European Navy Defence System"*

Coordinator: Romanian Naval Academy,

Partners: Polish Naval Academy,

Bulgarian Naval Academy, Italian Naval Academy

Potential Beneficiaries: BOEIs, all services

-Approved budget: 250.000 Euro

-Period of implementation: 1st of November 2023 – 1st of September 2025



INTERNATIONAL NAVAL SEMESTER

LoD 11 – INS strategic project : NAVY-INS-Tech

Major foreseen results:

- **1 joint harmonized curriculum**;
- **8 STEM courses** learning and teaching materials, using modern and intelligent technologies;
- **4 HASS courses** learning and teaching materials, centered on EU culture and values;
- **1 e-campus will be implemented** (www.marplat.eu) by all interested BOEI;
- **8 short term students exchanges to be organized**: 4 STEM modules x 16 students = 64 students and 4 HASS modules x 8 students = 32 students, total of **80 students exchanged**;
- **3 public events** organized in each partner country, with at least 30 attendees/event;
- **1 International Naval Semester implemented/harmonized learning resources**.

INTERNATIONAL NAVAL SEMESTER

WP2/WP3 - Course resources will be harmonized in the project framework – responsible partners:

STEM education (SCIENCES, TECHNICAL, ENGINEERING)

- **Power Plants** – coordinator: Italian Naval Academy (3 ECTS)
- **Naval Sensors** – coordinator: Italian Naval Academy (3 ECTS)
- **Computer network** – coordinator: Polish Naval Academy (2 ECTS)
- **Naval Cyber Threats** – coordinator: Polish Naval Academy (2 ECTS)
- **Naval Electronics** – coordinator: Bulgarian Naval Academy (3 ECTS)
- **Naval Communication** – coordinator: Bulgarian Naval Academy (3 ECTS)
- **Oceanography** – coordinator: Romanian Naval Academy (2 ECTS)
- **Naval Architecture** – coordinator: Romanian Naval Academy (3 ECTS)



HASS education (HUMANITIES, SOCIAL SCIENCES and EU culture)

- **Naval Leadership** – Italian Naval Academy (2 ECTS)
- **Maritime Security** – Bulgarian Naval (2 ECTS)
- **CSDP** – Romanian Naval Academy (2 ECTS)
- **Military Leadership (physical training)** – Polish Naval Academy (2 ECTS)



INTERNATIONAL NAVAL SEMESTER



LoD 11 – INS strategic project : NAVY-INS-Tech

Upcoming events:

- **TM1 – Kick off meeting** – RNA, Constanta, Romania, February 2024 – 3 days, 2 pax/partner, **13th – 15th of February 2024**;
- **E1 Public event:** "SQF-MILOF standards and STEM curriculum priorities in Navy Military Higher Education" – organized by RNA, in Romania – 1 day, 30 participants, **17th of May 2024**;



INTERNATIONAL NAVAL SEMESTER



LoD 11 – INS strategic project : NAVY-INS-Tech

COURSES TO BE ORGANIZED IN THE UPCOMING SEMESTER

- **C1S. STEM harmonized curriculum for digital skills and IT technology abilities** – organized by PNA, in Poland
- 2 modules to be delivered as BIP: "Computer Networks" (2 ECTS) and "Maritime Cyber Threats", online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, 15.04-19.04.2024;
- **C2S. STEM harmonized curriculum for competencies in Hi Tech, Electronics and Telecommunications** – organized by NVNA, in Bulgaria - 2 modules to be delivered as BIP: "Naval Electronics" (3 ECTS) and "Naval Communications" (3ECTS)- online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, 10.06-14.06.2024;
- **C3S. STEM competencies in Navy Engineering and Intelligent Weapon Systems** – organized by INA, in Italy - 2 modules to be delivered as BIP: "Power Plants" (3 ECTS) and "Naval Sensors"(3 ECTS) - online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, 07.10-11.10.2024;
- **C4S. STEM competencies in Naval Sciences** – organized by RNA, in Romania - 2 modules to be delivered as BIP: "Oceanography" (2 ECTS) and "Naval Architecture" (3 ECTS) - online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, 11.11-15.11.2024.

INTERNATIONAL NAVAL SEMESTER

EMILYO Exchanges offer for fall semester **2023-2024:**

- **Romanian Naval Academy** – International Naval Semester/extensive Erasmus+ exchanges offer – Spring Semester (**08.02.2024-01.06.2024**)
- **Polish Naval Academy** – International Naval Semester/extensive Erasmus+ exchanges offer – Spring Semester (**08.02.2024-01.06.2024**)
- **Bulgarian Naval Academy** – International Naval Semester/extensive Erasmus+ exchanges offer – Spring Semester (**08.02.2024-01.06.2024**)



INTERNATIONAL NAVAL SEMESTER



Training modules/events offer for spring semester 2023-2024:

- "CSDP module" – SNA (Spain, 18-21 of December 2023);
- "Integrated Ship handling/Engine room training on simulator" – RNA (Romania, March-April 2024) - *Blended Intensive Program*;
- "Ship handling and Safety of Navigation" – NVNA (22nd-26th of April);
- "Navy Tactics Warfare on Simulator" – RNA (Romania, March-April 2024) - *Blended Intensive Program*;
- "International Training Week" – SNA (Spain, 4th-9th March 2024);
- "Seamanship Training Week" – RNA (Romania, July 2024);
- "Seamanship Training Week" – NVNA (Bulgaria, June-July 2024);
- "Training at sea" – RNA (Romania, July-September 2024).



INTERNATIONAL NAVAL SEMESTER

LoD 11 – Joint projects under implementation



MARS-NET - Maritime Simulators and Training Facilities Network for Enhancing the Exchange of Good Practices and Digital Learning
PARTNERS : Romanian Naval Academy (coordinator) – Bulgarian Naval Academy & Polish Naval Academy - partners (2022-2024, 240.000 Euro) – results up-to-date:

- **10 professional course curriculum have been harmonized:** *Ship Handling and Manoeuvring, Cargo handling, Navigational Watchkeeping, Engine Room Watchkeeping, Radar Navigation, Maritime Search and Rescue, Coastal Navigation, Naval Machines and Equipment, Naval Communications, Celestial Navigation;*
- **5 professional courses using the simulators have been developed, covered with video tutorials:** *Ship Handling and Manoeuvring, Navigational Watchkeeping, Radar Navigation, Engine Room Watchkeeping, Cargo handling (5 BIMs-blended intensive modules will be organized in the fall semester on the project portal www.marplat.eu = 5 BIMs x 50 students **250 students to be instructed**);*
- **3 courses for teachers using the simulating facilities had been conducted** – *45 teachers had been instructed;*
- **2 courses (short modules) for students have been conducted** – *30 students had been instructed.*

INTERNATIONAL NAVAL SEMESTER



SEA MENTORS – SEAfarrers Experiential Knowledge Based MENTORS

PARTNERS : Romanian Naval Academy (coordinator) – Bulgarian Naval Academy & Polish Naval Academy - partners (2022-2024, 200.000 Euro) – results up-to-date:

- **online joint platform for students counselling and mentoring** for smoothing the Naval carrier path (www.seamentors.eu) containing: a joint carrier counselling center, a sharing point of cadetship experiences, mentors interviews, mentorship materials – the partners are recording now the video testimonial to be uploaded in the project "library of experiences";
- **research/survey is conducted to disclose the role of mentoring programs for Navy graduates**: a complex survey has been applied to the cadets, professionals and potential mentors;
- **increase the awareness of seafaring cadets regarding the onboard experiences o military/civilian ships** – 8 online and 4 residential meetings with professional mentors will be organized by the partners in the fall semester;
- **In the project conclusion the partners will build a bridge between the cadets and the mentors to smooth the cadets' insertion onboard military and civilian ships** – build a mentoring network identifying the potential mentors in different areas.

QUESTIONS?



Thank you!