Increasing Cyber Security at SEA through digital training

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About CyberSea

- **CyberSea** (Increasing Cyber Security at SEA through digital training) is a 3-year project co-funded by the Erasmus+ programme of the European Union, started in September 2023 and it involves 9 partners across Europe.

- Maritime industry needs trained technicians and engineers capable to identify potential cybersecurity threats and able to respond adequately when an attack is identified.

- Personnel training in these skills is **costly**.

About CyberSea

The CyberSEA project aims to increase the knowledge of cadets and seafarers on cybersecurity while at sea, by:

- Familiarising them with a set of real-life cyberattack scenarios at sea, ashore or at port.

- Providing them with maritime cybersecurity protocols to follow

- Training them on Cybersecurity for Merchant Marine through a self-paced learning course

- Creating 8 remote cybersecurity labs equipped with cybersecurity challenges that allow cadets and seafarers to test and

- Improving their knowledge independent of where they are.

- Creating a virtual hub to connect all remote labs and facilitate their use

CyberSea Partners

- **Coordinator:** UNIVERSITAT POLITECNICA DE CATALUNYA , Spain
- **Partner**: IDEC SA , Piraeus, Greece
- **Partner**: Navticno izobrazevanje in trgovina, Slovenia
- **Partner:** Academia Navala "Mircea cel Batran", Romania
- **Partner:** Berlin School of Business and Innovation GmbH, Germany
- **Partner:** Centre for Factories of the Future, Sweden HB
- **Partner:** POLITECHNIKA MORSKA W SZCZECINIE PM, Poland
- **Partner**: Hellenic Mediterranean University, Crete, Greece
- **Partner:** SATAKUNNAN AMMATTIKORKEA KOULU OY, Finland

Overall Impact

On Maritime Enterprises:

- Maritime Enterprises save money in training operational technicians.

On Higher Vet Centers/ He Institutions/

- Higher VET/ HE Institutions are invited to integrate a Course for training students in operational cyber security that is practical, adaptable and which meets maritime industry demands.

- Constant modernization of their organizations and educational offer.

Outcomes

The partnership will develop **an advanced course on cybersecurity tailotred for maritime needs**, and **eight fully developed remote cybersecurity laboratories** in which learners can practice, experiment and develop their cybersecurity skills in a simulated context.

Further Information

Further information about the progress of the project can be bound on our website

https://cybersea-project.eu/

CyberSEA

Thank you!