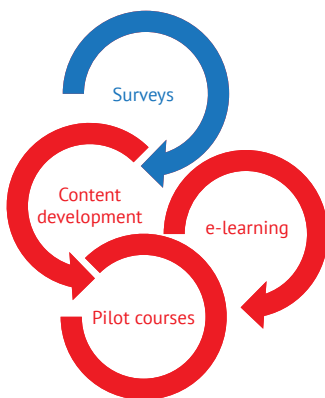


OnBoard-Med – Harmonisation of on Board Medical Treatment, Occupational Safety and Emergency Skills in Baltic Sea Shipping

Need and background for the project

There is a strong cross-border need for better vocational training of emergency skills in maritime transport in Central Baltic area, due to the needs in employment, due to the increase of risks and due to the use of new technology. The demands on board are joint, but the backgrounds of crew varies. The emergency services crews, ships' nurses and nautical and engineering professionals come from many different backgrounds: national training history and local practices vary reducing their flexibility in the labour market. The demands to the skills are even larger with recent changes in traffic: increase in Baltic Sea oil transport, increase of numbers of cargo ships with reduced crew, and increased travel of ageing passengers. Also technology, such as emergency systems and hull damage flooding tolerance vary from ship to ship. On the other hand new technology creates opportunities for responding to emergencies.



New technologies provides new possibilities, but also need for training

The continuous technological change requires new approaches also in curricula and learning materials. The OnBoard-Med project takes the necessary steps needed for their improvement. The aim is to survey thoroughly the current status of medical aid, occupational safety and emergency skills in maritime transport, and design courses of skills in maritime emergency management, medical treatment and occupational safety, aligned on the needs of shipping and related emergency services in Central Baltic area.

The overall objective of the project is to harmonise and develop nine courses of skills in maritime emergency management, medical treatment and occupational safety. Contents, learning materials and distance learning tools will be formed and improved cyclically by course piloting.

The goals of the project are

- to survey thoroughly the current status of medical aid and occupational safety skills in maritime transport
- to harmonise and develop courses of skills in maritime emergency management, medical treatment and occupational safety
- to provide students with better matching skills to answers to growing demands of working life
- to provide students, vocational education teachers and higher education lecturers with high quality learning and teaching materials and with distance learning materials
- to provide professionals (seamen, ship nurse and first officers) with a possibility to update their knowledge and skills in emergency management, medical treatment and occupational safety

All development work will be done in close co-operation with working-life partners to guarantee the quality and matching of the project results into real working life needs.

WP1 Emergency Management	WP2 Maritime Medical Treatment	WP3 Occupational Safety OnBoard
<ul style="list-style-type: none"> • Crowd and Crises Management • Fast Rescue Boat Operations • Effects of Ship Stability in Emergencies and Evacuations • Patient Transfer and Evacuation 	<ul style="list-style-type: none"> • Patient Examination and medical Equipment Onboard • Medical Communication Onboard and Ship to Shore • Advanced Emergency care • Medical Training for Mariners 	<ul style="list-style-type: none"> • Occupational Safety and Risk Assessment

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Basic information about OnBoard-Med project:

Partners:
Turku University of Applied Sciences / Finland
Åland University of Applied Sciences / Åland, Finland
Estonian Nautical School / Estonia
Riga Stradiņš University / Latvia
Latvian Maritime Academy / Latvia

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