

## **OnBoard-Med, Harmonization of on Board Medical Treatment, Occupational Safety and Emergency Skills in Baltic Sea Shipping (OnBoard-Med)**



Programme Priority: P4 Skilled and socially inclusive region

Programme Specific Objective: 4.2. More aligned vocational education and training (VET) programmes in the Central Baltic region

Sub-programme: Central Baltic

Duration: 01.09.2016 - 30.06.2019

Total funding: 998.600 EUR

ERDF funding: 781.543 EUR ERDF

Project Summary:

The shipping industry has become multinational, therefore recognising problems in education cannot easily be solved on a national level. A cross-border approach is needed to tackle the issue. The overall objective of the project is to harmonize and develop courses in maritime emergency management, medical treatment and occupational safety.

The courses are targeted at maritime (seaman, deck officer, maritime engineer) and nursing (registered nurse, emergency care nurse and public health nurse) education institutions. Throughout the project life span, the courses will be built, piloted, tested and regularly improved in collaboration with the target groups. Innovative learning methods, eLearning and simulation, will be utilized in building the courses.

The expected improvements in education and maritime safety are significant, and will hopefully become the standard in the field. Participants will get excellent professional skills, and when applicable will also be able to receive international certification from the courses. Further, the results help local employees to enter the European and international labor market.

## Map of Partners

### Partners

Lead Partner

#### Turun ammattikorkeakoulu Oy

Country: FI

[www.tuas.fi/en](http://www.tuas.fi/en) [1]

Partner budget: 416.831 EUR

Amount of ERDF funding: 312.623 EUR ERDF

Project Partners

#### Högskolan på Åland

Country: FI

[www.ha.ax](http://www.ha.ax) [2]

Partner budget: 255.840 EUR

Amount of ERDF funding: 191.880 EUR ERDF

#### Eesti Merekool

Country: EE

[www.merekool.ee](http://www.merekool.ee) [3]

Partner budget: 113.985 EUR

Amount of ERDF funding: 96.887 EUR ERDF

#### Rīgas Stradiņa universitāte

Country: LV

[www.rsu.lv](http://www.rsu.lv) [4]

Partner budget: 92.632 EUR

Amount of ERDF funding: 78.737 EUR ERDF

#### Latvijas jauno akadēmija

**Country:** LV

<http://www.latja.lv> [5]

**Partner budget:** 119.312 EUR

**Amount of ERDF funding:** 101.416 EUR ERDF

## Results

### Expected results

### Achieved results

Project result in category - Aligned vocational education and training programme

## Harmonised vocational educational training in nursing and maritime education thanks to OnBoard-Med

By harmonising and developing curricula for both maritime and nursing education institutions, OnBoard-Med filled a gap in multinational shipping industry.

The OnBoard-Med project developed nine vocational modules (2-8 ETCS) in maritime emergency management, medical treatment, and occupational safety. During the project it was found that communication and leadership are crucial for successful operation and handling of emergency.

The courses are suitable for maritime (seaman, deck officer, maritime engineer) and nursing (registered nurse, emergency care nurse and public health nurse) education institutions.

The results can have a broad impact on the education in the Central Baltic regions. There are several dozens of vocational schools giving education of the OnBoard-Med topics, many in nursing.

The courses consist of a huge amount of learning materials developed in collaboration with the target groups: emergency crews, ships' nurses, nautical and engineering professionals. Materials directly reflect the needs of working life and are based on survey and interviews of stakeholders and experiences gained. Real life scenarios, problems, solutions, simulation cases and materials are main achievements that can be used in other courses, too. Students enjoyed the joint pilots. It felt more real to practice communication with students from another country with both communicating in English.

The results contribute significantly to the existing national educational practices, and therefore attract continued use and further development e.g. as part of lifelong learning. The content is suitable for both e-learning and contact learning courses.

Both youth and adult learners attending the programs can increase their employment possibilities, as they easier will obtain the mandatory certificates needed in their professions and the materials in English improves the students' mobility as workforce.

All institutions will get direct benefits from the project as the aligned course contents, the teachers' manuals, and harmonised educational materials are free to use.

Different institutions can apply for study courses materials if they want to offer their students new study courses in related topics or to develop new ones.

Project partners are responsible for sharing the materials.

Project page in database

[OnBoard-Med. Harmonization of on Board Medical Treatment, Occupational Safety and Emergency Skills in Baltic Sea Shipping](#) [6]

At a glance

- 9 modules in maritime emergency management, medical treatment, and occupational safety
- suitable for lifelong learning
- suitable for both e-learning and contact learning courses
- materials in English improves the students' mobility as workforce

Files



[Teachers Manual\\_Advanced Emergency Care.pdf](#) [7]



[Teachers Manual\\_Crowd and Crisis Management.pdf](#) [8]



[Teachers Manual\\_Fast Rescue Boat Operations.pdf](#) [9]



[Videos\\_Fast\\_Rescue\\_Boat\\_Operations.pdf](#) [10]



[Teachers Manual\\_Medical Communication Onboard and Ship-to-shore.pdf](#) [11]



[Teachers Manual\\_Medical Training for Mariners.pdf](#) [12]



[Teachers Manual\\_Patient Examination and Medical Equipment Onboard.pdf](#) [13]



[Teachers Manual\\_Patient Transfer and Evacuation.pdf](#) [14]



[Teachers Manual\\_Ship Stability in Emergencies and Evacuations.pdf](#) [15]



[Teachers Manuals for Occupational Safety Onboard.pdf](#) [16]

Tags

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## Project Visibility

### Social media links

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[Project information on website of Turku University of Applied Sciences](#) [21]

[Project information on website of Åland University of Applied Sciences](#) [22]

[Project information on website of Latvian Maritime Academy](#) [23]

[Short video Suvi Kivelä from OnBoard-Med on Maritime Day in Mariehamn 2018](#) [24]

## Other media visibility

[Kesk-Läänemere piirkonna riikide koolid ühtlustasid õppekavu \(2020\)](#) [25]

[Sjöfartssäkerhet på tapeten i Åbo – internationellt projekt ska optimera räddningsinsatserna \(2018\)](#) [26]

[OnBoard-Med -hanke harmonisoi hätätilanteisiin liittyvää koulutusta keskisen Itämeren alueella \(Blog, 2018\)](#) [27]

[Tumša novembra nakts \(Cilvēks aiz borta\). Pašu zināšanu nepieciešamība rakrtas situācijā pārvaldībā \(2018\)](#) [28]

[Rajat ylittävä merenkulun hanke - OnBoard-Med \(2018\)](#) [29]

[OnBoard-Med - ett gränsöverskridande sjöfartsprojekt \(2018\)](#) [29]

[Kommunikationen viktigt - vid sjukdomsfall och olyckor till sjöss \(2018\)](#) [30]

[Laivasairaanhoitajan kompetenssit, kirjallisuuskatsaus : osana Onboard-Med -hanketta \(2017\)](#) [31]

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## Links

[1] <http://www.tuas.fi/en> [2] <http://www.ha.ax> [3] <http://www.merekool.ee> [4] <http://www.rsu.lv> [5] <http://www.latja.lv> [6] <https://database.centralbaltic.eu/project/53> [7] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Advanced%20Emergency%20Care.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Advanced%20Emergency%20Care.pdf) [8] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Crowd%20and%20Crisis%20Management.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Crowd%20and%20Crisis%20Management.pdf) [9] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Fast%20Rescue%20Boat%20Operations.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Fast%20Rescue%20Boat%20Operations.pdf) [10] [https://database.centralbaltic.eu/sites/default/files/Videos\\_Fast\\_Rescue\\_Boat\\_Operations.pdf](https://database.centralbaltic.eu/sites/default/files/Videos_Fast_Rescue_Boat_Operations.pdf) [11] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Medical%20Communication%20Onboard%20and%20Ship-to-shore.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Medical%20Communication%20Onboard%20and%20Ship-to-shore.pdf) [12] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Medical%20Training%20for%20Mariners.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Medical%20Training%20for%20Mariners.pdf) [13] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Patient%20Examination%20and%20Medical%20Equipment%20Onboard.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Patient%20Examination%20and%20Medical%20Equipment%20Onboard.pdf) [14] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Patient%20Transfer%20and%20Evacuation.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Patient%20Transfer%20and%20Evacuation.pdf) [15] [https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual\\_Ship%20Stability%20in%20Emergencies%20and%20Evacuations.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers%20Manual_Ship%20Stability%20in%20Emergencies%20and%20Evacuations.pdf) [16] [https://database.centralbaltic.eu/sites/default/files/Teachers\\_Manuals\\_for\\_Occupational\\_Safety\\_Onboard.pdf](https://database.centralbaltic.eu/sites/default/files/Teachers_Manuals_for_Occupational_Safety_Onboard.pdf) [17] <https://onboardmed.turkuamk.fi/en/> [18] <https://database.centralbaltic.eu/tags/education-and-training> [19] <https://database.centralbaltic.eu/tags/health-and-social-services> [20] <https://database.centralbaltic.eu/tags/transport-and-mobility> [21] <https://www.tuas.fi/en/research-and-development/projects/onboard-med-harmonization-board-medical-treatment/> [22] <https://www.ha.ax/forskning-samverkan/projekt/onboard-med/> [23] <http://www.latja.lv/aktualitates/latvijas-juras-akademija-uzsak-dalibu-es-interreg-eiropa-programmas-projekta-onboard-med-harmonization-of-on-board-medical-treatment-occupational-safety-and-emergency-skills-in-baltic-sea-shipping> [24] <https://www.facebook.com/watch/> [25] <https://oleht.ee/2020/04/kesk-laanemere-piirkonna-riikide-koolid-uhtlustasid-oppekavu/> [26] <https://svenska.yle.fi/artikel/2018/01/25/sjofartssakerhet-pa-tapeten-i-abo-internationellt-projekt-ska-optimera> [27] <https://www.centrubalticum.org/uutishuone/blogi/onboard-med-hanke-harmonisoi-hatatilanteisiin-liittyvaa-koulutusta-keskisen-itameren-alueella.5325.blog> [28] [https://www.lja.lv/sites/default/files/page\\_attachments/Jurnieks\\_2018-6-min.pdf](https://www.lja.lv/sites/default/files/page_attachments/Jurnieks_2018-6-min.pdf) [29] [http://www.expressmagnet.eu/pub/52/Albatrossi-Albatrossen-2-3\\_2018/](http://www.expressmagnet.eu/pub/52/Albatrossi-Albatrossen-2-3_2018/) [30] <https://issuu.com/s112/docs/bladderbar-nr1-2018/36> [31] <https://www.theseus.fi/handle/10024/128569>