



# CERONAV

Romanian Maritime Training Centre  
[www.ceronav.ro](http://www.ceronav.ro)

CERONAV – good practice for the  
practical implementation of  
DIRECTIVE (EU) 2017/2397

# About CERONAV

The **Romanian Maritime Training Centre - CERONAV** is a public institution of the **Ministry of Transport and Infrastructure**, in charge of meeting the vocational education and training requirements for the waterborne transport personnel.

## CERONAV:

- ❖ complies with national and international legislation, conventions and agreements related to the training of the maritime and inland navigation personnel to which Romania is a party
- ❖ provides the theoretical and practical training for maritime, inland waterway and port personnel in accordance with national legislation, international regulations and training standards set by various accreditation or validation bodies.
- ❖ is designated to train and upskill personnel to achieve the minimum level of training required by:
  - International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW)
  - Directive (EU) 2017/2397



# CERONAV – IWT branch in Galați

Since 2016, Galați, CERONAV branch for IWT, has a new headquarters that meets international standards for continuous training and upskilling in the inland waterway transport sector, with modern training facilities compliant with the latest European standards for both theoretical and practical training.

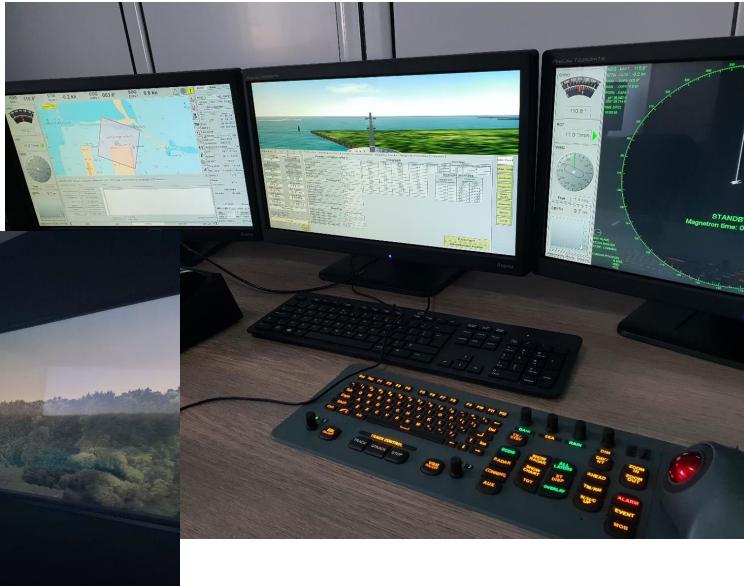
Romania has over 10,000 crew members in inland waterway transport, to whom CERONAV offers professional training at high standards.

Over 90% of the graduates are employed by international shipping companies certifying the high level of training provided by CERONAV.



# CERONAV – training simulators

- Full Mission Inland Navigation simulator, Wärtsilä Navi-Trainer Professional NTPRO 5000 Class A - an instructor station, a river navigation deck and a debriefing room
- Engine Room Simulator allows the simulation of four types of engines.
- SWISS Radar Precision Navigator II ECDIS River Radar simulator - radar with processor and display unit, an integrated ECDIS module, a radar antenna mounted on a pedestal, a Simrad HS60 GPS compass and a video camera for vessel traffic monitoring.
- ARI GMDSS simulator - 10 workstations, an instructor station and a console



# DANUBE SKILLS project (2017 – 2019)

*Increased institutional capacity in Danube navigation by boosting joint transnational competences and skills in education and public development services*

- information and dissemination workshops on the Directive in the 7 countries
- development of two model courses
- pilot actions to test the two courses
- elaboration of a study regarding the situation of the education and training system in the field in the Danube region and the obstacles identified in the adoption of European standards
- elaboration and validation with the help of CCNR and DC, under the guidance of the European Commission, of a medium and long-term transnational strategy regarding the implementation of the **new European Directive on the recognition of qualifications in the inland navigation sector in the Danube region.**



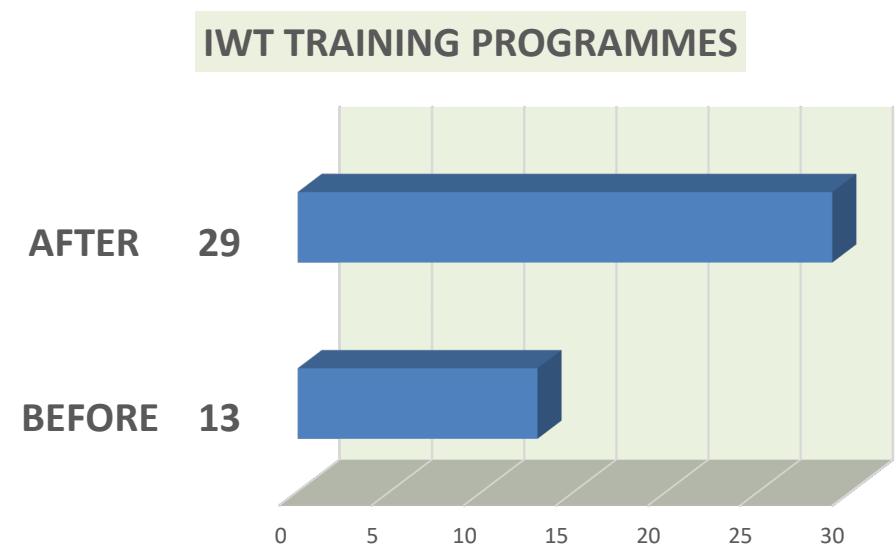
# DIRECTIVE (EU) 2017/2397 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 December 2017 on the recognition of professional qualifications in inland navigation and repealing Council Directives 91/672/EEC and 96/50/EC as amended

The EU legislation was transposed in ROMANIA by Order of Minister of Transport and Infrastructure 209/2022 for the approval of training standards, confirmation of competence and certification of professional qualifications of Romanian personnel on board inland navigation vessels.

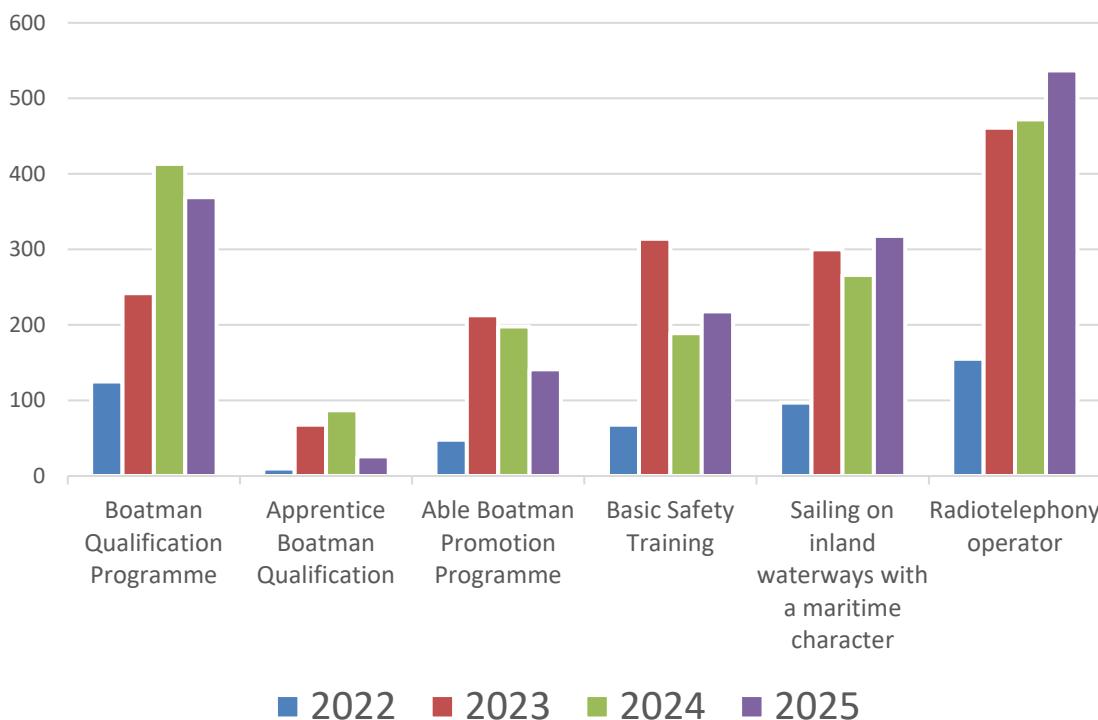
Types of training programmes organised by CERONAV for IWT deck crew members

- ✓ entry level
- ✓ operational level
- ✓ management level

Number of training programmes organised by CERONAV for IWT deck crew members **before** and **after** the implementation of EU legislation



## Number of CERONAV IWT trainees in “popular” courses



## Total number of CERONAV IWT trainees



# DIRECTIVE (EU) 2017/2397

## Challenges in organising practical training on board IWT vessels

### a) lack of correlation regarding job positions

= lack of correlation of the new job positions, according to national legislation in the European countries that transposed Directive (EU) 2017/2397 and Delegated Directive (EU) 2020/12, with the job positions in inland navigation companies, both Romanian and in other European countries.

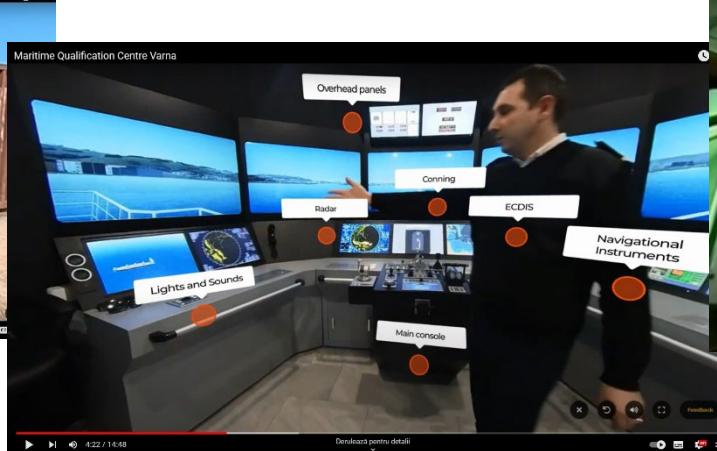
### b) reluctance of inland navigation companies to have deckhands on board their vessels

#### Main reasons:

- many companies still do **not have** the job position of deckhand (entry-level) in their job grid
- deckhand is **not part** of the minimum safety personnel on board the inland navigation vessel
- IWT companies are **not familiar** with the new job positions on board, according to the harmonized legislation regarding the qualifications of personnel on board inland navigation vessels

# International cooperation for digital teaching materials AR and VR – related projects

## DERIN - Digital Education Readiness in Maritime and Inland Navigation



**Funding:** Erasmus + Programme

**Role of CERONAV:** Lead Partner

**Partnership:** 6 co-funded partners in Romania, Croatia, Bulgaria, Netherlands, Latvia, Estonia

**Duration:** 27 months (2021 – 2023)

**Project budget:** 180.000 Euro

<https://www.derinnet.eu/>

<https://www.linkedin.com/showcase/derin-network>

## RELAR - REmote Learning and examination based on AR



**Funding:** Erasmus + Programme

**Role of CERONAV:** Partner

**Partnership:** 7 co-funded partners in Netherlands, Romania, Finland, Malta, Slovenia, Spain, Greece

**Duration:** 27 months (2021 – 2023)

**Project budget:** 300.000 Euro

<https://relar.eu/>

**Link to information about CERONAV projects:**

<https://www.ceronav.ro/en/proiecte-europene/>

# LEARN4SEA

Innovative joint learning for environmental-friendly behaviour of communities in the Black Sea Basin

**Funding:** NEXT Black Sea Basin Programme

**Role of CERONAV:** Lead Partner

**Partners:** 5 co-funded partners in four countries:

Romania, Bulgaria, Türkiye and Georgia

**Duration:** 26 months (July 2024 - August 2026)

**Project budget:** 823.980 Euro

**CERONAV budget:** 214.556 Euro



<https://www.linkedin.com/showcase/learn4sea-project/>  
<https://learn4sea.eu>

# Sail IN - project proposal

*Social inclusion of disadvantaged groups by integration into the labour market of Inland Waterway Transport sector with an improved education and training system*

**Funding:** Danube Region Programme

**Programme priority:** A more social Danube Region

**Specific objective 3.2:** Accessible and inclusive quality services in education, training and lifelong learning

**Partnership:** 12 organisations in 11 Danubian countries and 7 ASPs in 5 European countries  
(Danube Commission included)

**Duration:** 36 months

**Project budget:** 1.318.400 Euro

**Main outputs:**

- Innovative e-learning tool
- Joint actions for training on IWT industry knowledge, on career counselling and on digital skills

**Contribution to EUSDR:**

- PA9 "People & Skills" objectives and targets as per Letter of recommendation issued by PA9 Coordinator
- PA1a "Waterways mobility" is represented in the partnership by one of its coordinators demonstrating relevance of Sail IN to reaching the planned results

**NOT selected for funding**

# THANK YOU!



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