



**GENERATION  
BALT**

# **“The Generation BALT Training Programme”**

**Prof. Dr. Rima Mickevičienė,  
Klaipeda University**

Linking maritime education  
with the changing job market  
for a new generation  
of Baltic Sea experts

**Partner Meeting & International Final Conference  
25/09/14**



Part-financed by the European Union  
(European Regional Development Fund)



Linking maritime education with the changing job market for a new generation of Baltic Sea experts

# The structure of the Generation BALT Supplementary Training Programme:

- 1. 6 Weekend course modules**
- 2. A summer course on board of the sailing boat traveling the route Gdynia-Klaipeda-Kaliningrad-Gdynia and Summer course onshore**
- 3. A practical training internship at maritime enterprise or organization.**

# Weekend Course Modules

1. Rostock, Germany: Marine technologies, aquaculture and combined solutions
2. Kalmar, Sweden: Green ship - energy - risk
3. Klaipeda, Lithuania: Towards green shipping
4. Szczecin, Poland: Coastal zone under pressure
5. Gdansk, Poland: Offshore wind energy technology - Pre-production engineering and project management
6. Practical application of modern tools in project management – a case study



Linking maritime education with the changing job market for a new generation of Baltic Sea experts

# 1. Marine technologies, aquaculture and combined solutions

at the University of Rostock:  
27 trainees; 13 trainers;  
28 February- 3 March 2013



- Lectures on recent developments and trends in the maritime sectors of aquaculture, maritime technology and offshore energy

- Hands on exercises on intercultural exchange, job application in Germany, networking and public relations and entrepreneurship

- Excursions to a regionally important employer in the wind energy sector and to an innovative closed onshore aquaculture plant.



Generation BALT Partner Meeting &  
International Final Conference  
25/09/14



Part-financed by the European Union  
(European Regional Development Fund)

## 2. Green ship - energy - risk

at Linnaeus University; 29 trainees, 14 trainers;  
4 – 7<sup>th</sup> April 2013



- Lectures on entrepreneurship for cleaner seas, maritime law, environmental effects of shipping, green shipping, HR management in the maritime sector, new technology for protection of the marine environment, harbour logistics, bioenergy and marine resources.

- Hands-on exercises in ship navigation, communication, networking and job recruitment.

- Open lecture on intercultural communication with one of Sweden's most known experts in the area.

- Excursion to Eon offshore wind energy park at Kårehamn, Öland.



Generation BALT Partner Meeting & International Final Conference 25/09/14

## 3. Towards Green Shipping

at Klaipeda University:  
27 trainees, 10 trainers;  
16.05.2013 - 18.05.2013



**The main course topics:**

**Green shipping**

**Pollution from ships**

**LNG driven ships**

**Biological invasions in the aquatic environment**

**Developing the bio-invasion monitoring plan**

**Assessment of biological pollution BINPAS**

**Refitting of ships**

**Overview of shipbuilding and ship repair technologies**

**Eco-innovative technologies for shipyards**

**Ship Life Cycle Assessment**

**Generation BALT Partner  
Meeting & International Final  
Conference 25/09/14**



Linking maritime education with the changing job market for a new generation of Baltic Sea experts

## 4. Coastal zone under pressure:

at the University of Szczecin, Institute of Coastal and Marine Researches; 31 trainees;  
30 May - 2 June 2013



### Course content:

- Lectures on environmental aspects of maritime law (including environmental impact assessment and dredged material management) and the importance of coastal dynamic for sea management
- Lectures and hands on exercises on how to boost your career by expanding your horizons and self-managing
- Excursion across and around the Szczecin Lagoon and to the most important on-going investment of LNG terminal in Świnoujście

Generation BALT Partner Meeting &  
International Final Conference 25/09/14



Part-financed by the European Union  
(European Regional Development Fund)

## 5. Gdansk, Poland: Offshore wind energy technology - Pre-production engineering and project management at Gdansk University of Technology: 31 trainees, 2 trainers; 4 – 7<sup>th</sup> July 2013



### **Offshore wind energy technology: pre-production engineering:**

- Part 1: Shipyard processes of manufacturing of wind turbine towers
- Part 2: Offshore wind turbine farms: installation of wind turbines at sea

### **2. Integrating wind power to the electric power grid**



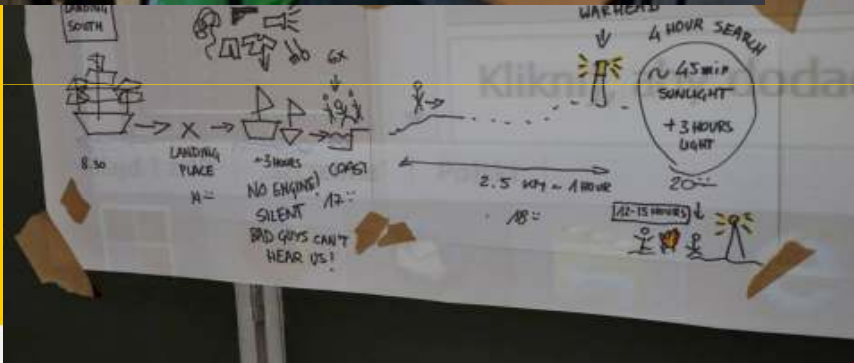
## 6. Practical application of modern tools in project management – a case study

at Gdansk University of Technology:  
10 trainees, 4-5<sup>th</sup> July, 2014



### Training course structure:

1. Introduction into project management-repetition
2. Project life cycle
3. HR in light of the requirements of Project Management
4. Project time planning
5. Project resources planning
6. Project management techniques





Linking maritime education with the changing job market for a new generation of Baltic Sea experts

# SUMMER COURSE OFFSHORE

## ECO-INNOVATION IN MARITIME TECHNOLOGY, TRANSPORT AND RESOURCE USE IN THE BALTIC SEA

16-22<sup>nd</sup> September and 21-28<sup>th</sup> September, 2013;  
39 participants.



- The content of training course:**
- **training towards life on board** (the life on sea, with all regulations, straits&restrains, duties of the crew)
  - **scientific lectures on board** (the Baltic Sea ecosystem, water and sediment sampling)
  - **lectures / activities in the ports of Kaliningrad and Klaipeda**

Generation BALT Partner Meeting & International Final Conference 25/09/14



Part-financed by the European Union  
(European Regional Development Fund)



# GENERATION BALT

Linking maritime education with the changing job market for a new generation of Baltic Sea experts



Part-financed by the European Union  
(European Regional Development Fund)



Linking maritime education with the changing job market for a new generation of Baltic Sea experts

# SUMMER COURSE ONSHORE

## The Baltic Sea: economic use vs environmental protection

**Miedzyzdroje, Poland, 6-12 July, 2014**

- **Big onshore and offshore infrastructure investments and their impact on economy and environment**
- **Fisheries and other biological resources use - potential and limitations**
- **Historical environmental hazard - impact of past sins on the present and future**
- **Multimodal (intermodal) transportation challenges - the Baltic highway**
- **The Baltic Sea: Natural world heritage? Is the reconciliation of human activity and environment protection possible?**
- **Looking for the guideposts in management under changing environmental conditions (climate change adaptation)**
- **Study tour: Eco-friendly inland shipping as an integral part of marine multimodal transportation, Niederfinow boat on Oder-Havel Canal in Brandenburg, Germany**
- **Study tour: Port services redefinition - tradition vs. innovation, visiting ship-repair yard "Gryfia", Marime Academy and port of Szczecin-Świnoujście**

Generation BALT Partner Meeting & International Final Conference 25/09/14



Part-financed by the European Union  
(European Regional Development Fund)



Linking maritime education with the changing job market for a new generation of Baltic Sea experts

# Internships

**Internship duration varies depending on the company / organisation (minimum 2 weeks).**

**A list of companies is provided on MYMOODLE at Linnaeus University.**

**Generation BALT offered a contribution towards travel expenses and costs for accommodation**

Generation BALT Partner Meeting & International Final Conference 25/09/14



Part-financed by the European Union  
(European Regional Development Fund)



Linking maritime education with the changing job market for a new generation of Baltic Sea experts

[Read more, browse photo album at http://www.generationbalt.eu/study-programme/](http://www.generationbalt.eu/study-programme/)

**Thank you for attention!**

Partner Meeting & International Final Conference 25/09/14



Part-financed by the European Union  
(European Regional Development Fund)