GENERATION BALT

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

INTRODUCTION TO THE PROJECT

Prof. Dr. Gerhard Graf (Project Leader)
Dr. Manuela Görs (Project Coordinator)
University of Rostock (Lead Beneficiary)
Jan & Kasia Fidler, Cecilia Torres
(External Project Coordination Office)

Duration:
1. July 2011 – 31. October 2014

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Change of Maritime Sector: Drivers

- Change from **industry to innovation based economy (global markets, climate change consequences: energy, coastal protection, green technologies); *Blue Growth concept***
- **Increasing utilisation** of **Baltic Sea** and **coastal regions**
- **Need for skilled professionals**
- **Vulnerable environment:** need for interdisciplinary professionals with understanding of ecosystemary relations and legal conditions
- Large number of **unemployed graduates** of maritime studies

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Overview

- **Co-financed by the South Baltic Programme:**
  =>Priority Axis: Economic Competitiveness
  =>Measure: Integration of Higher Education and Labour Markets
- **8 Partners + 10 Associated Organisations from 5 countries:**
  universities, national business associations and R&D institutes
- **Goal:** adaptation of higher education curricula to changes on the maritime job market

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Project Partners

Germany

University of Rostock (Lead Partner)

Poland

University of Szczecin
University of Business and Administration, Gdynia
Polish Chamber of Maritime Commerce, Gdynia
Gdansk University of Technology

Lithuania

Klaipeda University
Klaipeda Science and Technology Park

Sweden

Linnæus University, Kalmar

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Aims

- More and better carrier options for graduates of marine-related studies
- Long term partnerships between universities and maritime industry associations
- Collaboration of academic institutions to balance curricula and pinpoint local strengths
- Modernisation and internationalisation of curricula
- Inspiring and creative environment for students

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Methods: Questionnaire Analysis

Questionnaire survey: 261 experts from 5 countries:

A. Which maritime sectors will develop most within the next 5 years?

B. Which maritime sectors will create highest demand of skilled experts within the next 5 years?

C. Please describe key qualifications demanded for chosen sectors!

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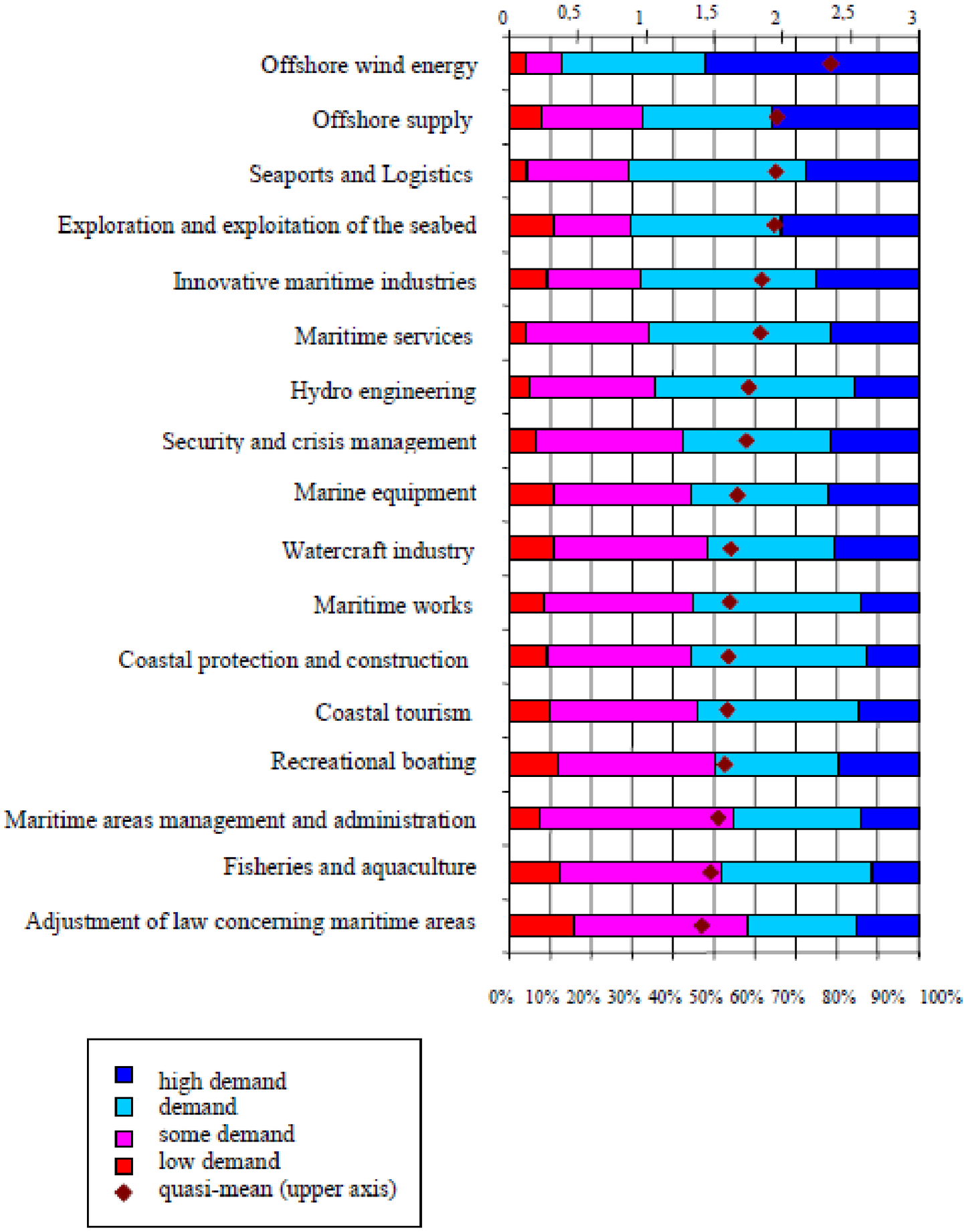
Analysis results



Structure of answers and mean ratings for development prospects of maritime segments

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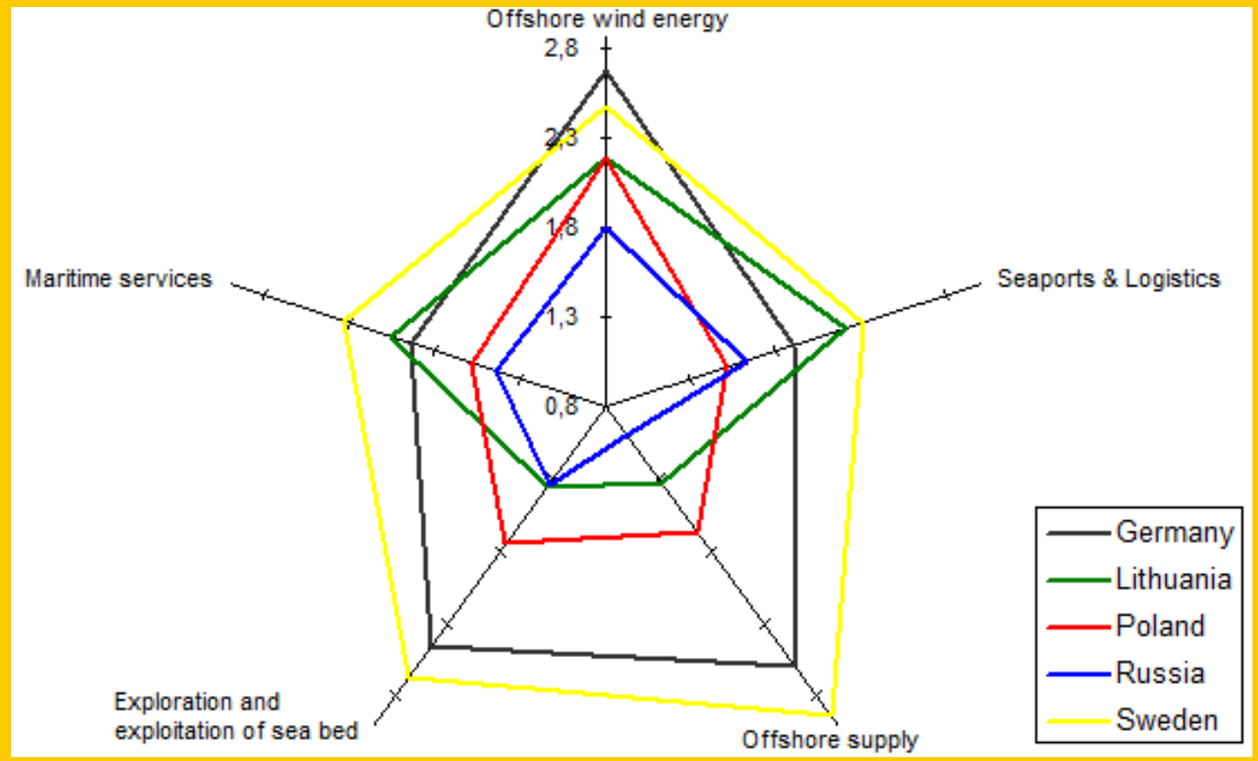
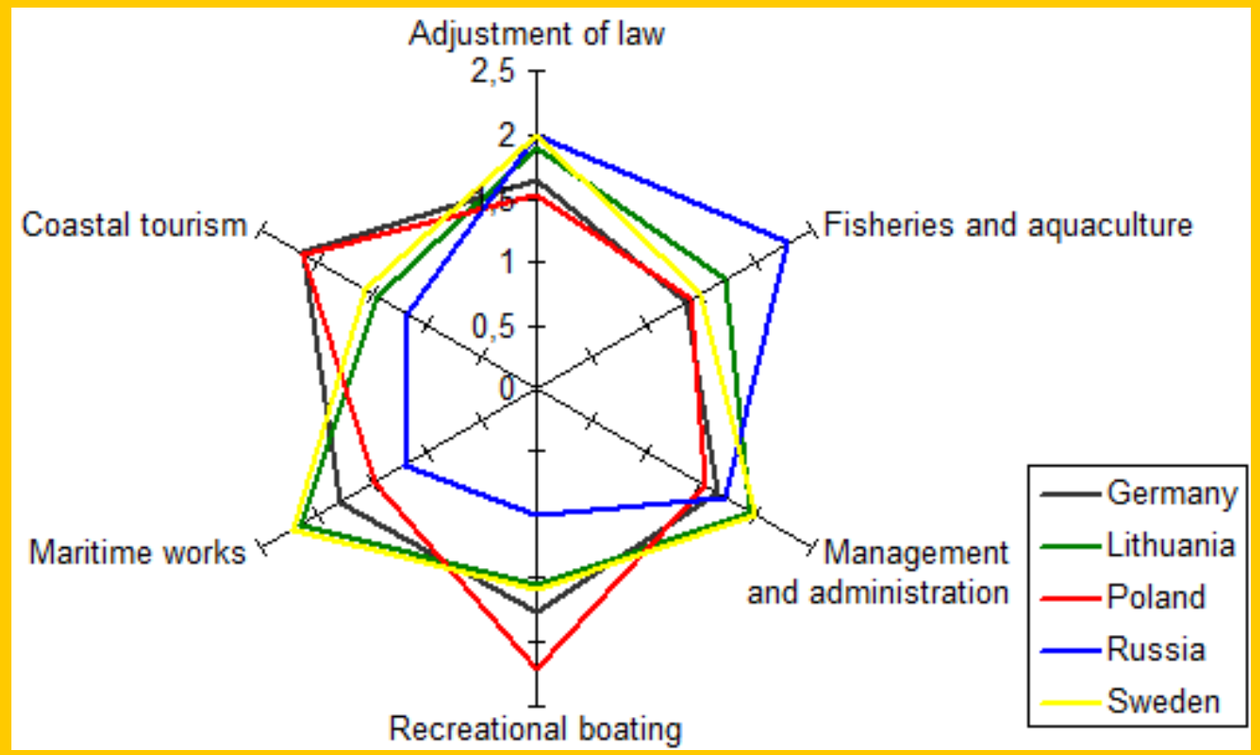
Differences in development prospect ratings between countries





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Examples of desired extra skills

- multidisciplinary thinking & holistic understanding
- being innovative & open minded
- understanding environmental issues
- capable using e-engineering
- entrepreneurial skills
- practical skills

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WEEKEND COURSE MODULES

- **Aquaculture, Offshore Wind Energy & Combined Solutions**
  University of Rostock, Germany
  28 February - 3 March2013
- **Green Ship – Energy – Risk**
  University of Kalmar, Sweden
  4 - 7 April 2013
- **Towards Green Shipping**
  Klaipeda University, Lithuania
  16 - 18 May 2013
- **Coastal Zone Under Pressure**
  University of Szczecin, Poland
  30 May - 2 June 2013
- **Offshore Wind Energy Technology**
  Gdansk University of Technology, Poland
  4 - 7 July 2013

SUMMER SCHOOL: Eco-Innovation in Maritime Technology, Transport & Ressource Use in the Baltic Sea
Gdansk, Klaipeda & Kaliningrad; 16 - 28 September 2013

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The Outcome

75 Participants from 5 countries

80 % completed Generation BALT diploma

46 % awarded 7,5 ECTS at Linnaeus University

Evaluation by the students: 4,25 out of 5

Website: www.generationbalt.eu

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