



World port
in good hands

Welcome and Introduction

+ bremenports, the course, the trainers

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Head of International Projects

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Consultant & Project Manager

Welcome and Introduction

bremenports, the course, the trainers

Talking Points:

- (1) Welcome and Objective of the Training Course
- (2) Introduction of bremenports and Trainers
- (3) Survey

Welcome and Objective of the Training Course

Our part of the course provides:

- + A European focus on port digitisation
- + A reflection on current trends
- + Some methodological remarks

Welcome and Introduction

Introduction of bremenports – the Ports of Bremen & Bremerhaven

Facts & Figures

- 2nd largest seaport
- 2 inland ports
- 3,100 hectares
- 4 sea-locks
- 92 berths
- 6 mil. TEU
- 2 mil. Cars
- 10 mil. T. bulk cargo
- 400 employees
- Turnover € 23 mil.



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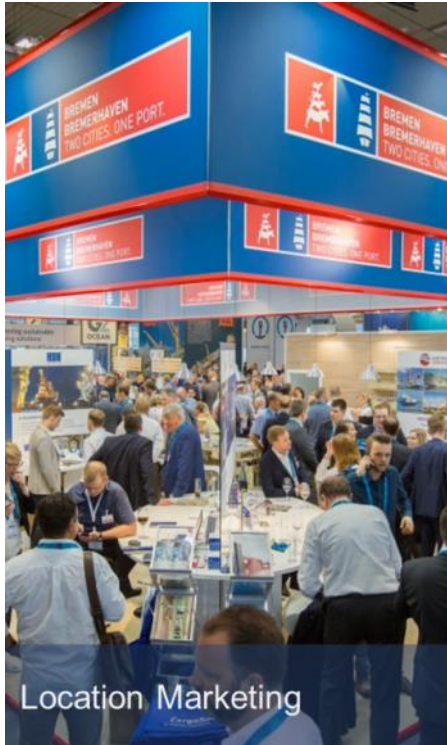
Introduction of bremenports – Infrastructure Management & Services



Welcome and Introduction

bremenports

Introduction of bremenports – Infrastructure Management & Services



Location Marketing



Property Management



International Projects

Welcome and Introduction

Introduction of bremenports – Consulting & Expertise for the World



SINCE 2020: DIGITIZATION OF BREMEN'S PORTS WITHIN THE RESEARCH PROJECT IW-NET

Conception and implementation of digitization processes in the ports of Bremen. Development of an inland shipping application, smart shore power and smart traffic management. Involvement of all relevant stakeholders and survey amongst inland shippers. Investigation of business processes and business cases. Use of the Bremen ports as a real-life laboratory.



SINCE 2020: STRATEGY DEVELOPMENT AND HUMAN CAPACITY DEVELOPMENT OF THE TRANSNAMIB RAILWAY

Assessment of the human capacity development capabilities of TransNamb and assessment of the hinterland connectivity of the Port of Walvis Bay to the national rail network on behalf of the German Association for International Cooperation (GIZ). Training in the area of port operations and health, safety and environment for Namport employees.



SINCE 2019: ONLINE MBA COURSE IN INTERNATIONAL LOGISTICS AND TRADE WITH WISMAR UNIVERSITY OF APPLIED SCIENCES

Course development, curriculum design and e-learning as part of the online MBA course "International Logistics and Trade" as a part-time course at the University of Wismar. Assuring practical relevance.



SINCE 2018: INTELLIGENT PUMPING STATIONS AND LOCK CONTROL

Requirements analysis for an intelligent pumping station and lock control. Research into forecasting techniques for water level prediction and methods for reducing water loss. Modelling and intelligent data analysis. Prediction of ship movements and predictive maintenance are based on an AI-based approach, deep learning and neural networks.



2018-2019: BASELINE ANALYSIS OF THE PORT OF WALVIS BAY.

Baseline Analysis on behalf of the German Association for International Cooperation (GIZ). Fact-finding mission and stakeholder involvement at port, shipper and freight forwarder level. Review of feasibility of strategy vs. national logistics Masterplan. Spot-checks along infrastructure at various locations to assess quality of hinterland connectivity. Assessment of cargo handling performances (break-bulk). Conducting of several workshop at middle-/senior manager level. Outline of a human capacity development strategy.



2018: RISK ANALYSIS FOR GUGGENHEIM CAPITAL PARTNERS INC.

Risk assessment of Ports America's container terminal portfolio. Investigation and financial evaluation of nautical accessibility and operational capabilities for handling of large container ships.



2017-2021: PROMOTION OF INLAND NAVIGATION ON EUROPE'S CANAL AND RIVER NETWORKS

Promotion of inland shipping as a reliable and climate-friendly alternative for transporting all types of goods in the interreg project. #WITS 2.0: Training through e-learning. Case studies for students. Europe-wide SWOT analysis to derive policy recommendations. IWT infrastructure developments.



2017: ONLINE-BACHELOR OF SCIENCE-STUDY PROGRAM „MARITIME LOGISTICS AND PORT MANAGEMENT“

Development and implementation of the first online study course "Maritime Logistics and Port Management" with the University of Wismar.



2016 - 2018: EQUIPMENT PROCUREMENT PORT LOUIS

Procurement of ship-to-shore cranes and RTG in cooperation with Bunge Technical Services. Specification, tendering and bidding, construction supervision and commissioning.



2016: TERMINAL OPERATIONS MODELLING, THESSALONIKI PORT

Development of an Excel-based model for the strategic determination of equipment and personnel requirements of sea ports. Addressing the connection of cargo on ship. Forecasting to the long-term financial planning of a terminal by means of the modeling of the operations operation. This results in investment plans and time series of operating and personnel costs.



2015: LNG-REGASIFICATION PROJEKT PAKISTAN

Development of a project structure for a Floating Regasification and Storage Unit (FRSU) for use in Pakistan. Take over the commercial structuring of the project as part of a feasibility study commissioned by a German engineering firm.



2015: COMPETENCE PROFILE OF A PORT AUTHORITY

Development of competence profiles for a planned privatization of the port for a small port authority on behalf of the German Association for International Cooperation (GIZ).



2014-2016: TERMINAL LAY-OUT STUDY PORT OF DILI

Evaluation of the status of the port of Dili, the entry infrastructure part of the young republic East Timor on behalf of the German Association for International Cooperation (GIZ). Determining the existing of container port plans, identifying proposals to improve the performance and providing an economic impact analysis for the development of a terminal at the port - High Class.



2014-2016: TRAINING „IMPROVEMENT OF THE MARITIME SECTOR EAST TIMOR“

Preparation of a training program for professionals of the port authority and of the various port sector entities.



2013-2014: TERMINAL OPERATIONS STUDY PORT OF MUMBAI

Assessment of the operations and operations in one of the largest Indian ports.



SINCE 2012: FINNARFORD PORT DEVELOPMENT PROJECT

Development of the "greenfield" harbor project in the immediate design of the port structure. Supporting the research, carry out terminal management, construction plan.



Introduction of the Trainers



Dr. Lars Stemmler

Head of International Projects

- Port Planning and Development
- Training and Human Capacity Building
- Financial Analyst

- PhD European Seaport Law
- MS Logistics
- MA HR Development



Dr. Jan-Niklas Bamler

Consultant & Project Manager

- Port Business Development
- Research and Development
- Regional Development
- Logistics and Transport

- PhD Economic Geography
- MS Economic Geography

Welcome and Introduction

Survey

Please log on to www.menti.com

Enter your code and answer the following question:

- + **Along supply chains into/out of your respective country via ports: what are the top-3 inefficiencies?**



Please enter the code

Submit

The code is found on the screen in front of you

Welcome and Introduction

Survey

Please log on to www.menti.com

Enter your code and answer the following question:

+ “What do think is a “smart port”?



Please enter the code

Submit

The code is found on the screen in front of you



www.bremenports.de



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