



*Vasco Da Gama
Training for Greener
and Safer Maritime Transport*



**The Conference of Peripheral Maritime Regions
&
The Vasco Da Gama Project**

**In collaboration with Linnaeus University
Kalmar Maritime Academy**

**Have the pleasure to welcome you to
the first Vasco Da Gama International Summer School**

Sustainable Transport and Maritime Safety

August 24th – 29th

Kalmar Maritime Academy (Sweden)

Address: Kalmar Maritime Academy

Linnaeus University

Batsmansgatan 9

39236 KALMAR



This project is co-funded by the European Union



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PROGRAMME

DAY 1: 24th AUGUST 2015

13.30 – 14.00 Registration of participants

ICEBREAKING SESSION

14.00 – 14.30 **OPENING**

Welcome by

Ted BÅGFELDT, Head of Department, Kalmar Maritime Academy

Patrick ANVROIN, CPMR Director, Vasco Da Gama project Coordinator

14.30 – 15.00 **PRESENTATION OF THE FIRST VASCO DA GAMA SUMMER SCHOOL**

Pär KARLSSON, Captain, Lecturer, LNU

Cecilia ÖSTERMAN, Marine Engineer, PhD in Shipping and Marine Technology, LNU

Catherine LEGRAND, Professor of Marine Ecology, LNU

15.30 – 17.00 **VISIT OF THE KALMAR MARITIME ACADEMY**

17.00 – 18.00 **WELCOME COCKTAIL**

18.00 End of the First Day





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DAY 2: 25th August 2015

Theme: Maritime Safety and Security

Key concepts and theories on risk, safety and security

**Supervising lecturer: CECILIA ÖSTERMAN, LNU, with the participation of
HANS LIVÅNG, Swedish Defence University, and FREDRIK HJORTH, LNU**

- 9.00 – 12.00** **SESSION 1: Introduction to Maritime Safety and Security**
- Key concepts and theories on risk, safety and security
- Decision-support in maritime security
- 10.00 – 10.30** **Coffee Break**
- 12.00 – 13.00** **Lunch on site**
- 13.00 – 14.00** **SESSION 2: Safety culture**
Safety culture in shipping - mission impossible?
- 14.00 – 16.00** **SESSION 3: Case study maritime accident analysis**
Group activities: Why do people – and organizations – seem to underestimate the risks that exist in ship operations?
- 15.00 – 15.30** **Coffee Break**
- 16.00 – 17.00** Presentation of case study, reflections
- 19.00** **Get together Dinner**





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DAY 3: 26th August 2015

Theme: Maritime Safety with focus on the Human Element

**Supervising lecturer: CECILIA ÖSTERMAN, LNU, with the participation of
MIKAEL LINDMARK, SEKO Seafarers' Branch**

- 9.00 – 10.00** **SESSION 1: Exploring the Human Element**
- The Human Element by IMO
- From person to systems approach
- Human Factors and Ergonomics
- 10.00 – 10.30** **Coffee Break**
- 10.30 – 12.00** **SESSION 2: The Human Element from the Union Perspective**
'There should not be any question marks'
- 12.00 – 13.00** **Lunch on site**
- 13.00 – 14.00** **SESSION 3: Human Element Evaluation Lab**
Practical group activities
- 15.00 – 15.30** **Coffee Break**
- 15.30 – 16.00** Evaluation and reflections on the evaluation lab
- 16.00 – 17.00** **SESSION 4: Advantages of Human Element integration**
What is at stake and who is the stakeholder?
- 19.00** **Get together Dinner**





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DAY 4: 27th August 2015

Theme: Greening Maritime Transport

Supervising lecturer: CATHERINE LEGRAND, LNU

9.00 – 10.30 SESSION 1: Lecture: Attitudes and Leadership in Sustainable shipping

Lecturers: YAEL TÅGERUD and MATS HAMMANDER, LNU

- Leadership in Cross-Cultural Contexts
- Leadership in relating to changing and unchanging attitudes about sustainable transport
- Motivation of crew members and employees in greening operations

10.30 – 11.00 Coffee Break

11.00 -13.00 SESSION 2: Lecture: Introduction to Greening Maritime Transport

- What is the definition of sustainability?
- How does global transport affect the sustainability of economy/environment/society/industry?
- Maritime transport : is it the least polluting means of transport

13.00 – 14.30 Lunch on site

14.30 – 16.00 SESSION 3 - Lecture: Introduction to International and European legislative framework

- European Directive on Maritime Spatial Planning
- European Directive on Marine Strategy framework

16.00 – 16.30 Coffee Break

16.30 – 18.00 SESSION 4: Lecture: Environment & Shipping

19.00 Get together Dinner with the participation of Anders Sjöblom, IBT – Konsult





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DAY 5: 28th August 2015

Theme: Greening Maritime Transport

Supervising lecturer: CATHERINE LEGRAND, LNU

8.30 – 11.00 SESSION 1: Lecture: Industry and Governance in Sustainable Shipping

- IMO and EU Challenges
- New sustainable methods
- How are industry and government linked when relating to sustainability?

11.00 – 11.30 Coffee Break

11.30 – 13.00 SESSION 2: Tour of Kalmar Harbour (tbc)

- CASE STUDY: Kalmar Harbour Expansion

13.00 – 14.30 Lunch on site

14.30 – 16.00 SESSION 3: Sustainable Shipping Alternatives

Lecturer: FREDRIK AHLGREN, LNU with the participation of RICKARD LINDSTRÖM, CSI

- Propulsion
- Eco-driving
- Clean Shipping Index

16.00 – 16.30 Coffee Break

16.30 – 18.00 SESSION 4 – Open Forum or Case study

19.00 Get together Dinner





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DAY 6: 29th August 2015

The social agenda is not compulsory.

SOCIAL AGENDA:

Tour of Historic Kalmar including the ship Kronan exhibition.

<http://www.regalskeppetkronan.se/eng/the-kronan-exhibition/>



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