

## Success factors of Estonian ports and maritime sector

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### Summary

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*The start of research is to analyse how Estonian maritime cluster and port sector has developed in recent decades. Sector is facing multiple opportunities and challenges, as environmental regulations, opportunities of digitalization and customer expectations keep changing. The aim is to outline the success factors and paths for future development.*

Research field:	Mechanical engineering
Supervisor:	Prof. Dr. Ulla Pirita Tapaninen
Availability:	This position is available.
Offered by:	Estonian Maritime Academy
Application deadline:	Applications are accepted between November 15, 2021 00:00 and December 15, 2021 23:59 (Europe/Zurich)

### Description

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Estonian maritime sector is facing multiple opportunities and challenges, as international regulations, transport flows, shipping company operations, opportunities of digitalization and customer expectations keep changing. Moreover, sustainability strategies, environmental issues and social aspects change the business environment of the cluster.

The aim of the doctoral research is to analyse how Estonian maritime cluster and in particular Estonian port sector has developed in recent decades and compare it with other Baltic Sea and European states. The transport flows, economic impacts and operation profiles are studied. In addition, future challenges and opportunities of Estonian maritime cluster and port sector are analysed and paths of success factors for the cluster are outlined.

Research is multidisciplinary and various methods can be used. A basic knowledge in shipping and port economics is seen as an advantage.

The position is at the Tallinn University of Technology and includes some work in teaching in our courses. The expected duration of doctoral studies is four years, but a contract is first made for 4 months, and the extension is subject to the advance of studies and research.

The applicant for the position must have a Master's degree and must fulfil the requirements for doctoral students at the Tallinn University of Technology.

In addition, a competitive candidate for this role should demonstrate the following qualifications:

- A degree in maritime, economics, engineering, mathematics or another closely-related discipline.
- High level of interest on the topic.
- Good writing and communication skills, in particular in English language.

A lack of experience in the above skills could be compensated by evidence of research potential.

Appropriate training will be provided.



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