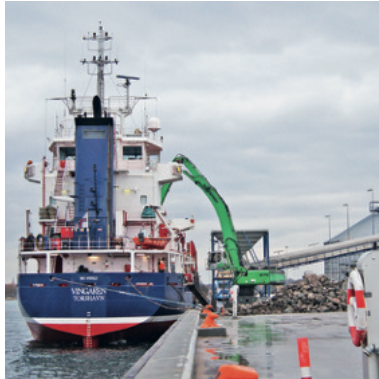




# MARITIME INSTITUTE

## GDYNIA MARITIME UNIVERSITY



### ECONOMICS AND SPATIAL POLICY DEPARTMENT

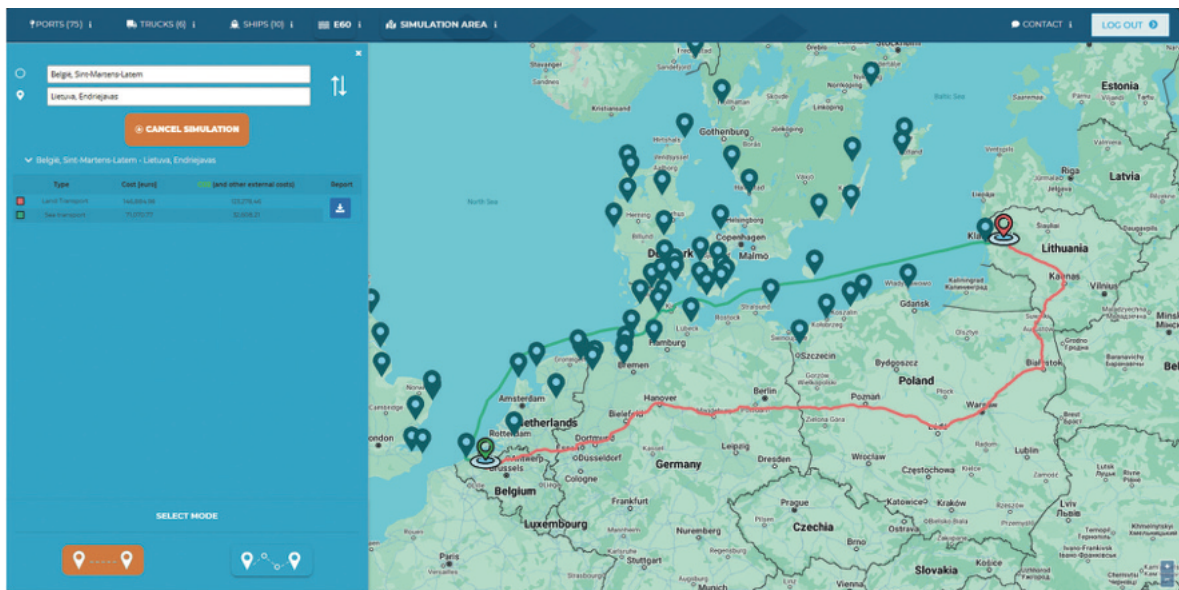


The Economics and Spatial Policy Department of the Maritime Institute is a center of competence on research in the efficient use of marine resources. It specializes in research related to the economics of maritime transport, cost analyses, the environmental impact of maritime activities, strategic planning, and sustainable use of marine resources.

The Department takes active role in the digitalization of processes related to offshore infrastructure operation through development of solutions facilitating communication between ports, shipowners, shipping agents and vessel crews.

In order to simulate and estimate transport costs, the Department has developed an innovative INCONE60 simulator which allows for comprehensive estimation of external costs at different stages of the transportation process. The simulator offers optimal transport routes, taking account of both economic and environmental benefits.

Figure XXX | INCONE60 Transport Simulator



With regards to spatial policy, the Department offers a wide range of research activities related to maritime management and spatial planning. Over recent years, it has compiled an extensive database which is continuously updated and provides data on the conditions and usage of maritime space. It also verifies and adjusts GIS tools to support the decision-making and consultation procedures as well as research on creating a model for monitoring and assessing the implementation of maritime spatial development plans.

The Department has also compiled the first draft of spatial development plan for Polish sea areas as well as a detailed plans for the internal marine waters of the Vistula Lagoon and the Port of Elbląg.

Thanks to the implementation of numerous national and international research projects, the Department of Economics and Spatial Policy plays a major role in research on the efficiency, economics and sustainable development of the maritime sector, thus contributing to the advancement of maritime transport and the promotion of innovative solutions in the “blue economy” sector.



## CONTACT

MARITIME INSTITUTE  
GDYNIA MARITIME UNIVERSITY

- ph. +48 58 669 37 28
- im@im.umg.edu.pl
- im.umg.edu.pl