

MARINE DATA GOVERNANCE STUDY IN THE CROSS-BORDER PROJECT: THE CASE OF ELWIND

KAMINSKIS JĀNIS 1, NEIMANE LEILA 2, DEMJANENKO IEVA 3,
ŠUĻAKOVA ĻUBOVA 1, SĪKA DĀVIS 1

1 RIGA TECHNICAL UNIVERSITY, FACULTY OF CIVIL AND MECHANICAL ENGINEERING, INSTITUTE OF CIVIL ENGINEERING, KIPSALAS STREET 6A, RIGA, LV-1048, LATVIA

2 UNIVERSITY OF BERGEN, FACULTY OF LAW, MAGNUS LAGABØTES PLASS 1, BERGEN 5010, NORWAY / UNIVERSITY OF LATVIA, FACULTY OF LAW, INSTITUTE OF LEGAL SCIENCE, RAINA BLVD. 19, RIGA LV-1586, LATVIA

3 RIGA TECHNICAL UNIVERSITY, LATVIAN MARITIME ACADEMY KIPSALAS STREET 6B, RIGA LV-1048, LATVIA

INTRODUCTION

ELWIND is a cross-border offshore wind energy project initiated by the Latvian and Estonian governments to strengthen the regional energy market through hybrid interconnection. The project, expected to be operational by 2035, will be located offshore in Kurzeme, Latvia, and west of Sõrve, Estonia. Given the cross-border nature, marine data governance is crucial, as different legal frameworks govern data collection, sharing, and management.



SOURCE: ELWIND MAP, [HTTPS://ELWINDOFFSHORE.EU/](https://elwindoffshore.eu/)

OBJECTIVES

This study aims to investigate the necessary measures for efficient cross-border marine data governance to prevent complications in project planning and implementation.

METHODOLOGY

- Comparative review of Latvian and Estonian marine data management regulations.
- Examination of legal and operational constraints in the ELWIND project.
- Analysis of best practices in cross-border marine data governance worldwide

RESULTS & DISCUSSION

To prevent complications in project planning and implementation due to uncoordinated data governance, this study identifies key legal and operational measures necessary for ELWIND. It compares the Latvian and Estonian marine data management frameworks, highlighting challenges and opportunities arising from their differences. Additionally, it reviews international best practices to propose a governance model with both minimum and maximum action scenarios. Implementing structured legal coordination and harmonized data governance will ensure smooth project execution and efficiency in cross-border marine data management.



SEAS
Shaping European Research Leaders
for Marine Sustainability