



University of Rijeka, Faculty of Maritime studies

PROJECT ACRONYM AND TITLE: Sustainable development of submarine optical cable infrastructure: technical and legal aspects

FUNDING PROGRAMME: Funding of scientific projects by the Faculty of Maritime Studies, University of Rijeka

PERSON RESPONSIBLE: Irena Jurdana, PhD, Associate professor

FINANCIAL DATA

Project total cost	Overall funding assigned to PFRI
16.070,00 HRK	16.070,00 HRK

SUMMARY

Based on multidisciplinary research which has identified deficiencies related to the construction and utilization of submarine optical cable infrastructure, this project aims to provide guidelines for the sustainable development of submarine optical cable infrastructure from the technical, legal and linguistic aspect.

By analysing positive legal regulations which are directly or indirectly associated with the issue of laying and maintaining submarine optical cable infrastructure, the integrity and efficiency of the legal framework pertaining to the construction and protection of the submarine cable infrastructure implemented in the Republic of Croatia will be evaluated and potential legal solutions offered.

Terminological and conceptual analysis of key terms will be conducted both in relevant legal documents in English and in Croatian in order to provide translational guidelines and commentary to enhance the process of unifying Croatian maritime legal regulatory framework and documents with the European and global requirements both in terms of language and function.

The project will also offer a mathematical model of a sustainable submarine optical cable network and thus, by analysing the impact of network's components on its overall availability, improve the existing technology used in building, utilizing and maintaining submarine cable networks.

Start date	End date
7 November 2017	7 November 2019

PARTNERSHIP

Br.	Partner organization	Country	Role
1.			
2.			
3.			

WEBSITE: -