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Introduction

The maritime economy, extended with the concept of Blue Economy, is considered to be highly important in the present world. The rapidly growing marine space and increasing numbers of resource stakeholders have given rise to a global problem of sustainable use of world oceans and seas, as well as a challenge to solve conflicts between different marine space users.

Shipping, one of the foremost industries to exploit the waters, has raised a challenging issue for all those, who have an interest in using marine environment in a commercial and non-commercial way. The variety of these ways has faced us with the problem of marine spatial planning, in the process of which all stakeholders will share in the drive for sustainability.

Sustainable shipping with its complexity (vessels, ports and terminals, shipbuilding, maritime administration) is facing the challenge of reducing the negative environmental impact, safety, security, biodiversity preservation and many other issues calling for a modification to the existing approaches to the maritime economy.

On the other hand, all maritime business is under increasing pressure to provide efficiency in economic and energetic terms, which often has the opposite effect to global trend forces. In such difficult conditions, the operation and development of the maritime transport requires smart solutions, innovations and awareness from all maritime stakeholders.

In this meaning, The Global Maritime Conference (GLOBMAR) 2018 has taken the challenge of gathering high-level experts, researchers and professionals and presenting new concepts and solutions for sustainable shipping development and took place on 19-20th April 2018 in Sopot, at the University of Gdańsk – Faculty of Economics,

The conference was organized in a cooperation of City University of Applied Sciences Bremen, Free Hanseatic Bremen, University of Szczecin, Maritime University of Szczecin, Gdynia Maritime University and Maritime Institute in Gdansk.

The Honorary Patronage over the conference was assumed by Minister of Maritime Economy and Inland Navigation, Marek Gróbarczyk, Marshal of the Pomorskie Voivodeship, Mieczysław Struk, Rector of the University of Gdańsk, prof. Jerzy Gwizdała.

The conference was supported by Business Partners: Port Gdańsk, Rezerwa Sp. z o.o. and Media Partners: Baltic Transport Journal, Harbours Review, NAMIARY and the Baltic Sea Region Interreg Programme 2014 – 2020 project BalticLINES.

The event brought together 37 speakers, including scientists and professionals in the academia, industry and government. The thematic areas of the conference were divided into 7 sessions: the role of green & sustainable shipping, global impact of shipping industry, Baltic sea region impact shipping industry, shipping in maritime spatial planning, delivering MSP, digitalization of shipping & port operations and efficiency improvement.

This Conference Proceedings consists of 33 blind peer reviewed papers in an alphabetical order, but, primarily forming four basic thematic groups:

1. Sustainable shipping
2. Port & Harbours sustainable development
3. Maritime Spatial Planning
4. Maritime Law & Administration

Finally, we want to express our huge gratitude to all participant, particularly keynote speakers, session moderators, presenters, the scientific and organizing committee, editors and reviewers. He also expressed his satisfaction with the wide-range of topics discussed during the conference and hope that the extensive networking would continue in the future, for instance Sustainable Shipping Conference 2019 in Bremen and GlobMar 2020 in Sopot.

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