



SEA Wave: Strategic Environmental Assessment of Wave energy technologies

Deliverable Report D6.5

Data Platform



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Revision

Revision	Date	Description	Originated by	Reviewed by	Approved by
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Project Information

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1 Introduction

Under the SEA Wave project, a number of end users have been identified for the project outputs and data. The Data Platform has been developed to provide the necessary functionalities in order to support the end user requirements. Following a poll of project partners, it was agreed to name the data platform 'MARENDATA'. The data platform is currently available by following this [link](#) however, the domain name will change in with the agreed platform name.

2 About MARENDATA

MARENDATA is a Data Platform designed to present marine renewable energy industry with resource and impact assessment related information instantaneously in a format suitable for technical and non-technical audiences.

MARENDATA integrates datasets from the different sites, providing scientifically robust data on the potential environmental effects of marine energy devices to support consenting and licensing processes.

MARENDATA can be used to find detailed information on a particular marine energy project, test site, or to view data regarding one or multiple environmental parameters at different test centres.

3 History

MARENDATA's Data Platform was first implemented under the SOWFIA project (<https://ec.europa.eu/energy/intelligent/projects/en/projects/sowfia> and <https://www.plymouth.ac.uk/research/coast-engineering-research-group/sowfia-project>). This project ended in October 2013 and back then the name was SOWFIA's Data Management Platform.

In 2018 it got funds from projects WESE (<http://wese-project.eu/>) and SEA Wave (<http://www.seawave-emff.eu/>). After a poll proposed to all partners of both consortia, the name MARENDATA was chosen for the Data Platform.

4 Framework

The Vision and the Mission put forward for MARENDATA frames the long-term goals and helps establish partnerships with new financing projects and organisations.

4.1 Vision

The renewable energy industry requires complex environmental information in order to overcome the challenges of harnessing energy from the marine environment.

This will be delivered through an established open platform aggregating multiple sources of raw and secondary data to ensure access to meaningful information for the user.

4.2 Mission

- Establish an adequate IT platform that links with existing and new data repositories;
- Enable access to raw and secondary data;



- Disseminate data and knowledge previously reviewed by experts;
- Survive individual projects' financing constraints;
- Reach a significant audience in the industry.

5 Disclaimer

Data and reports available through MARENDATA have been provided by members of SOWFIA, SEA Wave and WESE consortia. None of the consortia accept no liability for inaccuracies, if any, in presented data. Liability for hosting data on MARENDATA lies directly with individual partners of each consortium and enquiries should be directed to the relevant partner organisation. In accepting to use the presented data and reports through MARENDATA, you acknowledge and agree that, other than as expressly set out herein, no promise, representation, warranty (whether express or implied by statute, common law or otherwise) or undertaking has been made or given by the SOWFIA, SEA Wave and WESE consortia and /or any or all of their affiliates in relation to either: the outputs, outcomes, business benefits or any other benefits which you may obtain from your use of the presented data and reports; or the availability, ability to use and / or accessibility of the presented data and reports, and / or use of the presented data and reports being error free.



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