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Department A – COSME, H2020 SME and EMFF
Unit A3 - EMFF

I.N.C.D.M. "GRIGORE ANTIPIA"	
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Agreement EASME/EMFF/2015/1.2.1.5/01/SI2.806725

„Cross border Maritime Spatial Planning for the Black Sea Romania and Bulgaria” MARSPLAN –BS II

European Maritime and Fisheries Fund (EMFF)

Final Report

Project duration: from 01/07/2020 to 31/12/2021

Date of submission: 15 January 2022

Version: 1

Beneficiary

(or coordinator organisation in case of multiple beneficiaries):

Project Partner PP4,
National Institute for Marine Research & Development, Constanta, Romania

Project coordinator name and title:

NIMRD GENERAL DIRECTOR

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DECLARATION BY THE PROJECT COORDINATOR¹

I, Mihaela Laurenta Alexandrov, National Institut for Marine Research and Development "Grigore Antipa", NIMRD GA responsible/coordinator of the "*Cross border maritime spatial planning in the Black Sea – Romania and Bulgaria*", hereby confirm that:

- This final report represents an accurate description of the work carried out in this project, 01/07/2020 to 31/12/2021;
- The project:
 - (V) **has fully achieved its objectives and technical goals;**
 - (-) has achieved most of its objectives and technical goals with relatively minor deviations;
 - (-) has failed to achieve critical objectives.
- To the best of my knowledge, the financial statements submitted as part of this report are in line with the actual work carried out and are consistent with the report on the resources used for the project and - if applicable - with the certificate on financial statement.
- [Complete in the case of pre-financing payments] To date, the project has used **43160,47 EUR**, representing **128.44%** of the amount of EU pre-financing received so far under the Grant Agreement.

Date and Signature
31 January 2022

¹ By "project coordinator" shall be understood the person responsible for the work to be performed under this grant. If different from the person who signed the Grant Agreement representing "the beneficiary" (or "the coordinator" in case of multiple beneficiaries), a formal letter must accompany this report, in which the latter authorises the project coordinator to report on behalf of the beneficiary or beneficiaries.

1. FINAL PUBLISHABLE SUMMARY REPORT

This is a comprehensive summary overview of results, conclusions and impacts of the project. The publishable report shall be formatted to be printed as a stand-alone document. This report should address a wide audience, including the general public. Please ensure that it:

- Fits in the space provided in this page;
- Is of **suitable quality** to enable direct publication by the EASME or the European Commission;
- Is **comprehensive**, and describes the work carried out to achieve the project's objectives, its **main results and conclusions**. Please mention the **target groups** (such as policy makers or sectors of the civil society) for whom the project results could be relevant.

The MARSPLAN Project *Cross-border Maritime Spatial Planning for Black Sea – Bulgaria and Romania* was implemented with the financial assistance of the European Climate, Infrastructure and Environment Agency (CINEA) at the European Maritime and Fisheries Fund under the Multi-beneficiary Grant Agreement EASME/EMFF/2018/ 1.2.1.5/01/SI2.806725, from July 2019 till the end of 2021, by a consortium composed of eight partners from Bulgaria and Romania. It follows up the "MARSPLAN BS Project", implemented between 2017 and 2018 and is important for the whole Black Sea basin, ensuring the link between European and Black Sea regional levels, including both Member States and non-member countries areas. The importance of the project is extremely significant, taking into account the strategic study areas, for security and protection of the Europe eastern border and for the necessity of economic and social development in the Black Sea area.

PP4-NIMRD G.Antipa Constanta has been involved in the project activities and work packages along the first MARSPLAN BS Project to the MARSPLAN BS II. The implementation of the project „*Cross border Maritime Spatial Planning for Black Sea Romania and Bulgaria*” (MARSPLAN –BS II)” started in 01.07.2019. The contribution of the NIMRD G.Antipa Constanta answered to the project’s specific objectives during the whole project period, according the Grant Agreement articles:

- **Contribution for supporting the implementation of MSP Directive in the Black-Sea Basin:** a) Assuring marine spatial data collection and inventories for spatial analyses, elaborating three integrated studies with the support of all project partners (Annex 1,2,3); b) Supporting the Specification Tender for auction to elaborate the national Maritime Spatial Plan; c) Identifying spatial data and data providers to support the addresses preparing to be sent by the MPWDA to the different ministries and companies, aiming MSP Database consolidation and maps elaboration (Annex 4).
- **Contribution for supporting the continuity in the cross-border MSP process for the Black Sea Basin:** a) Collaborating with all Romanian partners focused in the objectives enhancement, under the coordination of the MSP Authority of Romania (MDPWA) (Annex 1-44); b) Collaborating with the Bulgarian partners, mainly with the objectives and deliverables responsible NCRD, and the contributors for the studies 1.1.1, 1.1.2 and 1.1.3, aiming knowledge integration (Annex 1,2,3); c) supporting the link between authorities, experts, professional groups of the coastal and marine areas (Annex 5).
- **Contribution for supporting capacity building and Competent Authorities in the MSP implementation:** a) Listing the main stakeholders’ network of experts, supporting meetings with them Annex 7,8; b) Communicating with the MSP Authority in Romania and NCRD in Bulgaria to consolidate MSP Centre and GIS database of MPWDA and transboundary GIS Data Base (Annex 6).
- **Contribution to the elaboration of the maritime spatial plans in Romania, based on the results of the first MARSPLAN-BS Project:** preparing studies, studies chapters and deliverables of the MARSPLAN BS I and II, as support to the MSP national and transboundary Plans elaboration and MSP process implementation (MSP legislation, methodology, practices, thematic-integrated maps, etc.) in Progress and Interim Reports.
- **Contribution for the MSP Multi-Use (MU) and Land-Sea Interactions (LSI) concepts, implementation for a common strategy elaboration in the cross-border area of Bulgaria and Romania –** inventory of specific documentary and practices, organizing interviews, consultancy (Annex 9-11).
- **Contributions to the stakeholder participation in the design of national and cross-border MSP process:** a) due to the long-term institutional experience in working with different maritime professional groups, b) due to organization and participation to stakeholders meetings; c) supporting a new approach on on-line meetings between specialists, social and professional groups (Annex 8).
- **Information Sharing for the best available data and communicate knowledge on MSP for the Black Sea Basin,** contribution to the project results sharing and presentation with different occasions, events (Annex 27-43) in a traditional network of expertise at Black Sea regional and European level.

Concluding, during July 2020 to December 2021, NIMRD GA contributions to the main objectives of the MARSPLAN BS II project implementation, was materialized, in:

- Participation to the Project’s meetings, Kick of meeting, Steering Committees, Project Opening Conference, Advisory Boards and Working Meetings with Romanian teams (Annex 8);
- Main deliverables/studies elaboration, NIMRD having the responsibility of Studies 1.1.1, 1.1.2 and 1.1.3

(Annexes 1,2,3), under the coordination of PP3-NRCD: a) Collecting partners contributions; b) Continuing the integration of information, maps and design, c) Integrating Romanian and Bulgarian parts of knowledge for studies, d) Processing information for spatial analyses;

- Contributing for other objectives, activities, products, results, LSI Interaction, MU, (Annex 4-27), data sharing; Preparing documents and questionnaires for on-line stakeholders' meetings, field expeditions being postponed because of 2020 unexpected circumstances (Annex 7-26);
- Participating and/or organizing to/of different national events; Participation to international MSP events (Annex 27-43);
- Publication of scientific articles, posters (Annex 1,2,3,9,10...).

Concluding, the main results registered by NIMRD are:

- Report 1.1.1. and Book-ISBN 978-606-9711-22-4, *Synthesis report on maritime uses*, (including NIMRD Maps): coordination, integration and publication, Annex 1,
- Study 1.1.2. and Book-ISBN, 978-606-9711-21-7 *Defining and analysing existing conditions in the maritime space*, (including NIMRD Maps): coordination, integration and publication, Annex 2,
- Study 1.1.3. *Defining and analysing future conditions* (including NIMRD Maps): coordination and integration Annex 3,
- *Existing Data Gaps* Contribution, included in Report/Publications NCRD (Sub-activity 1.2.1), Annex 4,
- *MSP GIS Database updating* – Contribution included in the MSP Data Base (Sub-activity 1.2.2), Annex 5,
- Contribution *Maritime Spatial Plans strategies development*–NCRD-MDPWA publication (Sub-activity 1.2.3), Annex 6,
- *Stakeholder cooperation*–Public Consultation Events organization, Information Collecting, Data Processing Documents support for transboundary meetings (Lists of stakeholders, questionnaires, interviews, invitations, agendas preparing (Activity 2.2), Annex 7-8,
- Contribution to the *Land-Sea Interactions (LSI) in MSP* – Study LSI CCMS, including LSI Questionnaires elaboration, data processing and results for Romania (Activity 2.3.), Annex 9-10,
- Contribution for *Multi Uses Concept* in Romania for MU Study GeoEcoMar (Activity 2.4), Annex 11,
- Active participations and presentations, to:
 - 4 Steering Committees (Activity 3.2), Annex 12-15,
 - 2 Advisory Boards (Activity 3.2), Annex 16-17,
 - 4 Thematic Workshops (Activity 3.6), Annex 19-22,
 - 2 MARSPLAN Conferences (Activity 4), Annex 23-24.
- Elaboration of Progress, Interim, Final Technical Reports, adding the Financial Reports each time,
 - Final Financial Report includes, attached: 6 documents (Activity 3.4), Annex 18,
- Contributions *MARSPLAN Web-site*, MDPWA; Development of NIMRD-MSP site (Activity 4.3), Annex 25,
- Promoting MSP in Black Sea basin – stakeholders meetings (Activity 4.4), Annex 26,
- Promoting MSP in Black Sea basin in international events - 20 NIMRD participations, including presentations (Activity 4.4), Annex 27-43,
- Contribution to *Lessons Learnt* Study and Publication (Activity 4.5), Annex 44,

The necessity to extend MARSPLAN works and project is underlined, added to the MSP 2014/89/EU Directive implementation, MSP Database updating and MSP national and transboundary plans monitoring. At regional level is essential the gained MSP experience, practices and information sharing and understanding by all Black Sea countries. MARSPLAN BS II Project needs continuity, Bulgaria and Romania to be integrated in the EU-MSP community and networks, in the same way, approach, outputs; living in the same space, having general problems, solutions and measures for similar level of development. In a world of climate, economic, demographic, political changes, people mentality should continue to be also changed in the same, good way.

2. PROJECT OBJECTIVES

Please provide an overview of the project objectives, as included in Annex I of the Grant Agreement. If applicable, please refer to any recommendations or guidance received from the EASME or the European Commission in previous reports or meetings, and indicates how these have been taken into account. **Maximum 1 page.**

Table 1. Project Objectives

WP-s	Definition of the MARSPLAN BS II objectives – planned and finalized	NIMRD participation	NIMRD Annexes
WP1.	<i>Development of Maritime Spatial Plan</i>	to Activities	

	Development of Maritime Spatial Plans elaboration, updated GIS model and database compliant with the cross-border context ➤ Support the work of national MSP authorities in charge of developing and implementing maritime spatial plans: <i>NIMRD responsibility</i> - Integrated and ecosystem-based approaches: <i>Synthesis Report</i> - Multi-sectoral cooperation further developed: <i>Study 1.1.2</i> - Potential for future uses and challenges identified: <i>Study 1.1.3</i>	Activity 1.1 Sub-activities 1.1.1, 1.1.2, 1.1.3	Annex 1 Annex 2 Annex 3
	➤ Elaboration of the Maritime Spatial Plans: <i>NIMRD contributions</i> - Follow-up of the common framework in relation with national Maritime Spatial Plans (MSPs) – overcoming the existing gaps - GIS database update and GIS model design - Maritime Spatial Plans strategies development; cross-sectoral cooperation obstacles and economic and environmental benefits - MSPs implementation, monitoring and evaluation (set of indicators) for - Stakeholders identification and involvement; interdisciplinary workshops organization: national authorities and stakeholders	Activity 1.2 Sub-activities 1.2.1, 1.2.2, 1.2.3, 1.2.4	Annex 4 Annex 5 Annex 6
WP 2	<i>Connecting cross-border to national MSP processes</i>		
	Connecting cross-border to national MSP; including <i>NIMRD contributions</i> : ➤ Common strategy for the management of maritime activities in cross-border area, Bulgaria-Romania ➤ Process for stakeholder involvement in cross-border MSP ➤ Identification and evaluation of LSI best practices in cross-border area ➤ Delivery of lasting mechanism to exchange information between MS ➤ Shift from sectoral approach to an integrated MSP and MU of cross-border maritime activities	Activity 2.1, Activity 2.2, Activity 2.3, Activity 2.4,	Annex 3 Annex 7 Annex 8 Annex 9,10 Annex 11
WP3	<i>Management and coordination: Steering Committee created and meetings organised</i>		
	➤ Internal cooperation agreement signed by all partner to ensure sustainable project implementation ➤ 4 Steering Committee of the project – <i>4 presentations</i> ➤ 2 Advisory Board established and meetings organised - <i>4 presentations</i> ➤ Financial control and audit ensuring; Final Reports – <i>6 documents</i> ➤ Accurate Reporting to EASME ➤ Development of lasting cooperation on MSP between project partners: 4 Thematic workshops organized on shipping routes, tourism, coastal protection measures against erosion, measures against oil and gas pollution – <i>4 presentations</i>	Activity 3.1, Activity 3.2, Activity 3.3, Activity 3.4, Activity 3.5, Activity 3.6	Annex 12-15 Annex 11 Annex 16-17 Annex 18 Annex 19-22
WP 4	<i>Communication and Dissemination</i>		
	➤ Project conferences - <i>3 presentations</i> ➤ Publications and promotion material: <i>2 studies; 2 articles, chapters in other three (NCRD, CCMS); 200 calendars</i> ➤ Website updated, <i>MARSPLAN web-site; NIMRD web-site</i> ➤ Promoting MSP in Black Sea basin – involving non EU countries: Dissemination to institutions, Integrated maritime policy and MSP ➤ Lessons Learnt	Activity 4.1, Activity 4.2, Activity 4.3, Activity 4.4, Activity 4.5	Annex 23-24 Annex 1,2,3,9,10,... Annex 25, Annex 27-43 Annex 45

NIMRD G.Antipa Constanta answered to the project's specific objectives planned to be developed and done in the whole project development, taking into account and being involved, having (Chapter 1,):

- Contribution for supporting the implementation of MSP Directive in the Black-Sea Basin: *Annex 1,2,3,4;*
- Contribution for supporting the continuity in the cross-border MSP process for the Black Sea Basin: *Annex 1-44;*
- Contribution for supporting capacity building and Competent Authorities in the MSP implementation: *Annex 6,7,8;*
- Contribution to the elaboration of the maritime spatial plans in Romania based on the results of the first MARSPLAN-BS Project: *Progress, Interim and Final Reports and Annexes.*
- Contribution for the MSP Multi-Use (MU) and Land-Sea Interactions (LSI) concepts, implementation for a common strategy elaboration in the cross-border area of Bulgaria and Romania: *Annex 9-11;*
- Contributions to the stakeholder participation in the design of national and cross-border MSP process: *Annex 8;*
- Information sharing for the best available data and communicate knowledge: Black Sea Basin MSP, *Annex 27-43.*
- Participation to the Project's meetings, Kick of meeting, Steering Committees, Project Opening Conference, Advisory Boards and Working Meetings with Romanian teams (*Annex 8*); Publications, deliverables/studies elaboration: *Annexes 1,2,3, 9, 10;* Contributing for other objectives, activities, products, *Annex 4-27;* Participation and/or organization of different events *Annex 27-43*

3. WORK PROGRESS AND ACHIEVEMENTS

PP4-NIMRD G.Antipa Constanta was involved in the project activities and work packages along the project MARSPLAN BS II till the end. Its contribution answered to the project's specific objectives by the Interim Report for the first stage of the project (01.07.2019-30.06.2020) and for this Final Report for the second part, (01.07.2020-31.12.2021).

- **WP1. DEVELOPMENT OF MARITIME SPATIAL PLANS** – Coordinated by NCRD - Completed work

Activity 1.1 Support the work of national competent authorities in charge of developing and implementing maritime spatial plans

- **Sub-activity 1.1.1 Synthesis report on maritime uses** – Coordinated by NIMRD. Completed work. Published PP4-NIMRD Published the *Synthesis Report on Maritime Uses, support for Maritime Spatial Planning*, ISBN 978-606-9711-22-4, as result of from the Study 1.1.1 elaborated by PP4-NIMRD with contributions from all project partners, integrating Bulgarian and Romanian parts, finalized and reported in the Progress Report (01.02.2020) and Interim Report (30.06.2020). The authors of the Study 1.1.1 and the Book are: Laura Alexandrov (NIMRD), Margarita Stancheva (CCMS), Dan Vasiliu (GeoEcoMar), Hristo Stanchev (CCMS), Milena Manova (CCMS), Dragoș Vintilă (UOC). The team members contributed to almost all study chapters, according to the own expertise: Victor Niță, Laura Boicenco, Alina Spînu, Valeria Abaza, Luminița Lazăr, Oana Marin, Adrian Filimon, Emanuela Mihailov, Dragoș Niculescu, Elena Vlăsceanu, George Țiganov. The Book is attached and it summarizes the evolution information concerning marine environment conditions, maritime activities of the both countries, MSP practices resulted from the case studies of MARSPLAN BES I and transboundary issues. (Annex 1).

- **Sub-activity 1.1.2, Defining and analysing existing conditions in the maritime space** - Coordinated by PP4-NIMRD, Completed work. Published

PP4-NIMRD Published the *Defining and analyzing existing conditions in the maritime space, support for Maritime Spatial Planning*, ISBN 978-606-9711-21-7, as result of from the Study 1.1.2 elaborated by NIMRD with contributions from all project partners, integrating Bulgarian and Romanian parts, finalized at 01.07.2020 (first draft), reported at 31.12.2020 (as last draft) and published in December 2021. The authors of the Study 1.1.2 and the Book are: Laura Alexandrov (NIMRD), Vesselina Troeva (NCRD), Dan Vasiliu (GeoEcoMar), Bogdan Ghinea (MDPWA), Margarita Stancheva (CCMS), Dragoș Vintilă (UOC), Miroslav Tsvetkov (NVNA). The PP4-NIMRD team contributed to almost all study chapters, according to the own expertise, including analysis present conditions of the marine environment, maritime activities of Bulgaria and Romania, adding aspects related conflicts and synergies in maritime space, main relations results and an important number of thematic, integrated and transboundary maps. It is: Laura Boicenco, Victor Niță, Alina Spînu, Dragoș Niculescu, Eugen Anton, Simion Nicolaev, Valeria Abaza, Luminița Lazăr, Oana Marin, Adrian Filimon, Elena Vlăsceanu, Valodia Maximov. The Book is attached and refers to the (Annex 2).

- **Sub-activity 1.1.3. Defining and analysing future conditions** - Coordinated by NIMRD, Completed work. Under Publication

PP4-NIMRD proposed this activity to be developed in parallel with the elaboration of the national and transboundary plans, because of the lack of information and a bad feedback from the authorities, in the first stages, because of pandemia and because of a kind of political instability and elections. PP4-NIMRD elaborated the Study 1.1.3. *Defining and analysing future conditions* integrating Bulgarian and Romanian parts, realized by PP2-NCRD (Activity 1.1. responsible) and PP4-NIMRD (Sub-activity 1.1.3. responsible). The study has included contributions from the other partners, mainly from both countries ministries of development MRDPW, Sofia and MDPWD, Bucharest. PP2 MPWDA, PP3 NCRD and PP4 NIMRD, established links and delimitations between the MARSPLAN BS and information sources, including current projects, as well as other project activities and their results and products from all partners. Additional discussions hold among the partners in the both countries coordinated by the PP3-NCRD and PP4-NIMRD during the whole work in progress. Due to different difficulties the last integrated study was delayed and it was done in a final good and integrated work. The whole reporting period was devoted to the interdisciplinary workshops, partners' on-line meetings in the both countries, and public consultations in Burgas, Constanta and Mangalia. Study 1.1.3 is attached (Annex 3). It is focused on new spatial and temporal requirements and demands in the both countries; transboundary spatial analyse and future development of marine space and maritime activities; alternative and optimum spatial scenarios aiming the main measures elaboration for the maritime spatial planning. The book with the same name is elaborated and sent to be published. The authors of the Study 1.1.3 and the Book are: Vesselina Troeva (NCRD), Laura Alexandrov (NIMRD), Bogdan Ghinea (MDPWA), Stoicho Motev and Maria Novakova (NCRD), Dan Vasiliu (GeoEcoMar). The PP4-NIMRD team contributed to all study chapters, according to their own expertise: Laura Boicenco, Victor Niță, Alina Spînu, Florin Timofte, Răzvan Mateescu, Dragoș Niculescu, Elena Vlăsceanu, Luminița Lazăr.

Activity 1.2 Elaboration of the Maritime Spatial Plans-coordinated by PP3-NCRD.

- **Sub-activity 1.2.1 Follow-up of the common framework in relation with national Maritime Spatial Plans (MSPs) – overcoming the existing gaps** – coordinated by NCRD. Completed work

The PP4-NIMRD contributed with information and completions to the Study 1.2.1 elaborated by the PP3-NCRD identifying additional gaps in knowledges and data, contributing to new challenges concerning the Green deal, Covid'19 impact, Best practice examples in the EU countries, and the applications to the MSP. All information included is support for the other next MARSPLAN BS II products (Annex 4). The results concerning this Gaps Inventory are part of important study elaborated by PP3-NCRD and the publication: *“Common framework in relation with National Maritime Spatial Plans (MSPs) Policy Notes”*, ISBN 978-954-92785-6-9: *Follow-Up of the Common Framework in relation with National Maritime Spatial Plans (MSPs) – Overcoming the existing GAPS*.

- **Sub-activity 1.2.2 GIS database update and GIS model design** – coordinated by PP3-NCRD and PP2-MRDPA. Completed work

PP4-NIMRD has the own data resulted from the internal Oceanographic/Marine Data Base concerning physical, chemical and ecological environment monitoring, coastal erosion, fisheries an aquaculture, etc. PP4-NIMRD sent to both responsible of the Sub-activity 1.2.2., PP4-NCRD, respectively PP2-MRDPA, the all data requested, to fill and completing the List of MSP Data and their layers necessary to MSP Data Base, aiming the elaboration of the national and the common transboundary plans. PP4-NIMRD sent the Spatial Data in GIS format and maps. This has remained a permanent and constant work, running through all activities and sub-activities and producing new data. For PP3-NCRD and PP2-MRDPA, MSP Data Centre and MSP Data Base are permanently up dating. Revision of the available data and its accuracy, collected by various stakeholders in Bulgaria and Romania was necessary. PP4-NIMRD contributed also with the own data provided to other European and international information system and networks, as EMODNet, ArcGIS Maritime, EU MSP, European Atlas of the seas, COPERNICUS, etc., and various national information systems from different authorities. Annex 5).

- **Sub-activity 1.2.3 Maritime Spatial Plans strategies development** – Coordination PP3-NCRD and PP2-MRDPA. Completed work

The PP2 MPWDA proposed this Sub-activity 1.2.3. to be correlated in parallel with the **Sub-Activity 2.1 Common strategy for MSP in cross-border area - Bulgaria and Romania**, in order to avoid overlapping and based on the assumption that there are very close link between the WP1 and WP2 aims. PP4-NIMRD cooperated with both responsible with necessary data for the MSP strategies development. Both 1.1.1, 1.1.2 studies elaborated by PP4-NIMRD are support for these sub-activities. Also, PP4-NIMRD prepared the list of Romanian data providers and identified the main MSP gaps and necessary data which have to be requested from them, for the National MSP Plan and contributed to the tender book and specifications for the MSP National Plan sub-contracting. (Annex 6). The Study 1.1.3 referring to the *Future Condition Analysing*, was developed in parallel to permit using the same collected data and information for scenarios and to can support the MSP Plan elaboration, adding study of it, its implementation and monitoring. The results resulted from the **Sub-activities 1.2.3 and 2.1.** are part of important studies elaborated by PP3-NCRD and the publication: *“Common framework in relation with National Maritime Spatial Plans (MSPs) Strategy”*, ISBN 978-954-92785-6-9.

- **Sub-activity 1.2.4 Monitoring and evaluation of the MSPs implementation** - Coordination PP3-NCRD and PP2-MRDPA. Completed work.

PP4-NIMRD supported both Sub-activity 1.2.4 responsible in the elaboration of national and transboundary plans. Monitoring indicators have been studied and proposed.

- **WP 2 CONNECTING CROSS-BORDER TO NATIONAL MSP** - Coordinated by PPL-MRDPW. Completed work

Activity 2.1 Common strategy for MSP in cross-border area - Bulgaria and Romania – Coordinated by PPL-MRDPW and PP2-MRDPA. Completed work.

This Activity was correlated with the **Sub-activity 1.2.3 Maritime Spatial Plans strategies development**, leading to a common product (ISBN 978-954-92785-6-9) elaborated by PP3-NCRD. PP4-NIMRD participated to all meetings initiated by PPL-MRDPW, PP3-NCRD with all partners, and PP2-MDPWA with Romanian teams, supporting coordinators in the strategy vision (based on three scenarios: ecological, economic, social) and documents elaboration, correlated with the Study 1.1.3. *Future Conditions in marine space*.

Activity 2.2. Encouraging stakeholder cooperation in the cross-border region - 2 cross-border joint stakeholders meetings - Coordinated by PPL-MRDPW, PP2-MDPWA and PP7-UOC

PP-4-NIMRD up-dated the Romanian *List of all Stakeholders* from the coastal and marine areas, integrating tourism stakeholders provided by PP7-UOC and UCH stakeholders list realized by PP6-GEM (Annex 7). NIMRD organized two public consultations concerning *Future Conditions of the marine space*: one general with PP2-MDPWA and PP7-UOC, on-line; and one in Mangalia, at the border area, organized with the City Hall responsible of urbanism and team (Annex 8). Other meeting where not possible due to Pandemia conditions.

Activity 2.3. Completed work Integration of Land-Sea Interactions (LSI) in MSP for the cross-border region – Coordination CCMS. Completed work.

Experts from PP4-NIMRD sent to the Activity 2.3. coordinator the Romanian contribution to the both Land Sea Interactions Study and Methodology (Annex 9). For links establishment with the local authorities and based on its nomination as Technical Secretariat for the National Committee of ICZM, NIMRD elaborated the LSI Questionnaire sent to coastal stakeholders with the support of PP6-GeoEcoMar, PP2-MDPWA and PP7- UOC. PP4-NIMRD processed two times the results of interview, according the number of participants' answers. Results were published in December 2021 (Annex 10). The aim of the project Activity 2.3 is to evaluate the possibility of implementing the LSI Concept in the both countries, as important part for MSP. Taking into account the fact that Romania has an ICZM Law (220/2002; which is in working in present, for up-dating) and also The National Committee of Coastal Zone, under the coordination of the Ministry of Environment, Waters and Forests, it is recommended a common approach for the both concepts under the marine policy umbrella.

Activity 2.4. Completed work Addressing the Multi-Use (MU) concept with MSP in the cross-border region – Coordination CCMS. Completed work

The PP4 – NIMRD provided additional information and contacts for Mangalia municipality (chief architects and heads of spatial planning department) for the additional material presented for the delimitation of the national sectoral planning documents for the coastal zones as part the Black Sea spaces. NIMRD documentary supported GeoEcoMar for the elaboration of MU Questionnaires and study. Data processed by GeoEcoMar is the Romanian MU contribution sent to the MU activity responsible – PP5-CCMS. It was the first application of the MU Concept in Romania. Annex 11

• WP 3 MANAGEMENT AND COORDINATION

Activity 3.1 Completed work Internal cooperation agreement. Coordination PPL-MRDPW. Completed work

The PP4 – NIMRD signed the Internal Cooperation Agreement by the legal representative, dr. Simion NICOLAEV, in December 2019.

Activity 3.2 Completed work Steering Committee of the project – Coordinator MRDPW. Completed work

Table 2.

Steering Committee	Data/ place	Organized by	PP4-NIMRD Presentation/Annex n Involvement according the Agenda
First Steering Committee Completed work	10.10.2019, Sofia, Bulgaria	PPL-MRDPW	<i>Sub-activity 1.1.1 Synthesis Report of maritime uses</i> , L.Alexandrov, M.Stancheva, Annex 12
Second Steering Committee Completed work	07.05.2020, on-line	PPL-MRDPW delayed since 26.03.20 because of Pandemia	<i>Sub-activity 1.1.2 Defining and analyzing existing conditions in the maritime space</i> , Laura Alexandrov, Dragos Niculescu, Simion Nicolaev, Valeria Abaza, Annex 13,
Third Steering Committee	26.11.2020, on-line	PP2-MDPWA Bucharest,	<i>Sub-activity 1.1.3 Future Conditions of the maritime space defining and analysing</i> , Laura Alexandrov, Annex 14
Last Steering Committee	29.09.2021, on-line	PP2-MDPWA	<i>Brief overview development, results, deliverables</i> , Study 1.1.3, LSI, L.Alexandrov, V.Troeva, M.Stancheva, Annex 15

To the Steering Committees participated all project partners, responsables and deputies, together with specifical team members.

Activity 3.3 Advisory Board – Coordinator MRDPW. Completed work. Table 3

Advisory Board	Data/ place	Organized by	PP4-NIMRD Presentation/Annex n Involvement according the Agenda
First Advisory Board	9.07.2020, on-line	PPL-MRDPW	- <i>Defining and analysing existing conditions in the maritime space</i> , Laura Alexandrov, Dan Vasiliu - <i>Multi Uses application in Romania</i> , L. Alexandrov, D. Vasiliu, Annex 16.
Second Advisory Board	16.11.2021, on-line	PPL-MRDPW	- <i>Integrated and updated analysis of conflicts/synergies of maritime uses and environment</i> , L.Alexandrov, V.Troeva, D.Vasiliu, A.Spinu, D.Niculescu - <i>Implementations of LSI methodology–Romania</i> , L.Alexandrov, R.Mateescu, D.Niculescu, E.Vlasceanu, Annex 17

To the Advisory Board meetings all project partners participated, representatives of the EASME/CINEA, MARSPLAN BS II international consultants and experts from the Black Sea countries.

Activity 3.4 Completed work Financial control and audit – Coordination PPL-MRDPW. Completed work

PP4 – NIMRD is subject to a financial report and audit every Progress Report and at the request of the PPL-MRDPW.

The financial statements include the activities of this project, too. The control is managed by the coordinator and the financial expert in the team and economic director, Ionela Morosan. The main responsibilities of the Financial Responsible, are: *Ensuring management operation of bank accounts opened for financial transactions related to project implementation; Eligibility check expenditure for implementing the project; achieving financial reports, making timely payments; providing documentation and organizing computer files in a manner allowing their preservation for a period of five years after the official closure of the project and access by authorized bodies or carry out audits to verify the implementation of the project.* Notifications were prepared, sent and approved for all requested changes in the budget according team work, salaries and movement of funds between chapters, due to Pandemic conditions. An Addendum concerning the project extension with 6 months was agreed (from 01.07.2021 to 31.12.2021), by all project partners, because of pandemic inducing delay on stakeholders meeting and because of the weak communications with authorities. The request was approved and the Budget has been amended until 31.12.2021 in the frame of the same total fund. Financial Report is attached to this Technical Final Report including the *Financial Statement, Overview of costs, Staff Costs, Travels, Publication contract, Time Sheets* (Annex 18).

Activity 3.5 Reporting on project progress and results – Coordination PPL-MRDPW. Completed work.

PP4-NIMRD had internal monthly meetings with the own team concerning reporting and organized meetings with Romanian partners from Constanta according to activities in developing, in which the PP4-INCDM was involved. Progress, Interim and the present Final Reports for PP4 were prepared and sent to the project leader, every time with the Financial Reports.

Activity 3.6 Thematic workshops – Coordination PP7-UOC and PP8-NVNA. Completed work

PP4-NIMRD Participated in the all Thematic Workshops with presentations. For the two Romanian Thematic Workshops contributed to the events agenda and stakeholders list.

Table 4

Thematic Workshop	Data/ place	Organized by	PP4-NIMRD Presentation/Annex n Involvement according the Agenda
'Traffic Separation System'	12.12.2019, Varna	PP8- NVNA	Project participants were Laura Alexandrov, Alina Spinu, Dragos Niculescu, Annex 19
Tourism activities under MSP	05.11.2020, Constanta, on-line	PP7-UOC	<i>Coastal Tourism under Maritime Spatial Planning frame and Stakeholders consultation</i> , Valeria Abaza, Laura Alexandrov, Laura Boicenco, Luminita Lazar, Dragos Niculescu / Annex 20,
Coastal Protection Measures against Erosion	11.02.2021, Constanta, on-line	PP7- UOC PP4- NIMRD	<i>Mid and Long-term Assessment of the Erosion Processes with GIS/GPS and Satellite Imagery Applications on the Romanian coast</i> , R.Mateescu, D.Niculescu, E.Vlasceanu, L.Alexandrov / Annex 21
Ecological Protection of Coastal Areas and Oil Spill Response. Organization and Capabilities	10.03.2021, Varna, on-line	PP8- NVNA	- <i>National Plan for Preparation, Cooperation and Response in Case of Marine Oil Pollution</i> , L. Alexandrov, D. Niculescu, R. Mateescu, E. Vlasceanu, - <i>Net Environmental Benefit Analysis (NEBA) for oil spills response at the Romanian Black Sea coast</i> , Valentina Coatu, Luminita Lazar / Annex 22,

To the Thematic workshop participated all project partners members, experts and stakeholder from the coastal and marine area, working in the field of workshop subject or interested in maritime activities development, relations or conflict mitigation.

• **WP 4 COMMUNICATION AND DISSEMINATION**

Activity 4.1 Project conferences – Coordination PPL-MRDPW. Completed work see Table 5

PP4-NIMRD Participated in the both MARSPLAN BS II conferences, presenting results.

MARSPLAN Conferences	Data/ place	Organized by	PP4-NIMRD Presentation/Annex n
Project Opening Conference	10.10.2019, Sofia, Bulgaria	PP8- NVNA	- <i>Environmental Status in the Black Sea</i> , Simion Nicolaev, Laura Alexandrov / Annex 23
Project Final Conference	25.11.2021, On-line	PPL-MRDPW	- <i>Integrated and updated analysis of conflicts/synergies of maritime uses and environment</i> , L.Alexandrov, V.Troeva, D.Vasilu, A.Spinu, D.Niculescu - <i>Implementations of LSI methodology – Romania</i> , L.Alexandrov, R.Mateescu, D.Niculescu, E.Vlasceanu / Annex 24

To the MARSPLAN BS II Conferences all project partners participated, presenting project results, representatives of the EASME/CINEA, MARSPLAN BS II international consultants and experts from the Black Sea countries.

Activity 4.2 Publications – Coordination PPL-MRDPW. Completed work.

*PP4-NIMRD published in his own journal "Marine Research/Cercetari Marine".

**In the frame of MARSPLAN BS II Project PP4-NIMRD published:

- 1.1.1 (Annex 1) - *Synthesis Report on Maritime Uses, support for Maritime Spatial Planning*, Laura Alexandrov, Margarita Stancheva, Dan Vasiliu, Hristo Stanchev, Milena Manova, Dragoş Vintilă, ISBN 978-606-9711-22-4,
- 1.1.2 (Annex 2) - *Defining and analysing existing conditions in the maritime space*, Laura Alexandrov, Vesselina Troeva, Dan Vasiliu, Bogdan Ghinea, Margarita Stancheva, Dragoş Vintilă, Miroslav Tsvetkov, ISBN 978-606-9711-21-7,
- Have in preparing Study 1.1.3. *Defining and analysing future conditions* (Annex 3),
- 1 articles LSI and Study LSI CCMS - chapter (Annex 10); Contribution to NCRD Studies in collaboration with MSP Authorities of the both countries,
- Calendars, Posters (Annex 4,26, 27-43),

Activity 4.3 Website up-date - Coordination PPL-MRDPW and PP2-MDPWA. Completed work.

PP4-NIMRD contributed to MARSPLAN BS II Project web-site, <http://www.marsplan.ro/en/> sending studies, information about events and GIS Data to the Romanian Ministry of Development, Public Works and Administration, to be posted and installed. Also, it supported information and photos on the project Facebook profile <https://www.facebook.com/profile.php?id=100057171861586>. PP4-NIMRD has the own:

- PP4-NIMRD Institutional website <http://www.rmri.ro/Home/Home.html> , where is included the MSP information concerning MARSPLAN BS Project, <http://msp-platform.rmri.ro/contacts.html>
- PP4-NIMRD Facebook profile, <https://www.facebook.com/INCDM>, all project events and participation were mentioned and stored. In the NEWSLETTER UEFISCDI of the Ministry of Research, Innovation and Digitalization are mentioned MARSPLAN Conference and PP4-NIMRD MARSPLAN presentation to November and December 2021 events (Annex 25).

Activity 4.4 Promoting MSP in Black Sea basin – involving non-EU countries - Coordination PPL-MRDPW, PP2-MDPWA, PP3-NCRD. Completed work.

Involving MSP in the non-EU countries was a permanent priority of the NIMRD team, by: a) Having traditional forms of collaboration and scientific networking with Black Sea countries at regional level, including Black Sea Commission and EU-MSP Platform; b) Promoting the MARSPLAN BS II project's objectives and results at different occasions, meetings and project's thematic workshops: 4 presentations/Activity 3.6 (Table 4); 3/Activity 4.1 (Table 5); Activities 4.4 (Table 6); c) Participating to some events (MSP, Blue Growth, Marine Fisheries policies), where presented the project results: 20 events (symposiums, conference), stakeholders meetings. (Table 5, Annex 26).

In the next Table are included the event and added in the nominated Annexes details about them: *invitation, registration, minutes, presentations, on-line installing and visibility pictures*: **Table 6.**

*	Events	Data/Location/ Organizer	Name of MSP Communication/ Presentations/Debates	Authors, Annex
1	International Symposium <i>Deltas and Wetlands</i> , MONITOX Project,	16-17.09.19 INCDDD Tulcea, Romania	Spatial interaction between marine fisheries and aquaculture with other maritime activities and uses,	Laura Alexandrov, Annex 27
2	MEDCOAST Congress	21-27.11.19 MEDCOAST Organisation, Marmaris, Turkey	Documentary support for the elaboration of a National Maritime Spatial Plan in the Black Sea area. Study Case transboundary approach Romania and Bulgaria,	Laura Alexandrov, Margarita Stancheva, Annex 28
3	1 st International Conference on <i>Blue Growth</i> in the Black Sea Region, of the General Assembly of Danube-Danube Delta- Black Sea Cluster	12.02.2020 Constanta, Romania, BSUN Black Sea Universities Network	General Assembly of the Danube Cluster - Danube Delta - Black Sea (3D-BS) - Opportunities for collaboration under the auspices of the 3D-BS Cluster / General Assembly of the Danube - Danube Delta - Black Sea Cluster (3D-BS) - Opportunities for collaboration in the frame of the # 3DBS Cluster	NIMRD and GeoEcoMar teams, Annex 29

4	1 st International Conference on Blue Growth in the Black Sea Region, „Ecosystem Services on River-Sea Macro-ecosystems”	9-10.03.2020 BSUN-Constanta	Progresses registered in Romania and Bulgaria in the field of Maritime Spatial Planning,	Laura Alexandrov, Bogdan Ghinea, Dragos Vintila, Margarita Stancheva, Annex 30
5	Workshop: “Tourism in the Black Sea Region - data analysis for sustainable strategies and tourism development”	10.03.2020, UOC, Constanta	Debates	UOC, NIMRD, GeoEcoMar teams
6	Baltic Sea Day Forum Roadmap Section for Maritime Spatial Planning	18-21.03.2020 St. Petersburg, Russia, on-line	Maritime Spatial Planning development in the Black Sea. Progress registered under MARSPLAN Project	Laura Alexandrov, Annex 31
7	MSP-Forum in Athens	27-30.04. 2020, Greece, on-line, delayed	Maritime Spatial Planning progress registered in the Black Sea area,	Laura Alexandrov, M.Stancheva, Annex 32
8	Regional training for Black Sea countries concerning Aquaculture (Mussel Cultivation) and Allocated Zones for Aquaculture	08.05.2020, NIMRD, online	Shellfish Culture within the frame of Marine Spatial Planning	V.Nita, L.Alexandrov, Annex 33
9	Round Table "Sustainable Development of the Blue Economy in the Azov-Black Sea Region, the Importance of Marine Spatial Planning - 2020"	10.09.2020, Dyrso Krasnodar Krai, Russia, on-line, Delayed from 23.03.2020	The Institute of Oceanology P.P. Shirshov, Moscow, Russia, Rostov-on-Don Academy; Southern Scientific Center and Ermak North-West Maritime Spatial Planning Research Institute, St. Petersburg. Russian Foreign Minister: <i>The main maritime activities inventory at the Romanian Black Sea coast</i>	Laura Alexandrov, Bogdan Ghinea, Margarita Stancheva, Dan Vasiliu, Dragos Vintila, Annex 34
10	Workshop MSP, Baltic Sea Day,	16-18.09.2020 St. Petersburg Russia HELCOM	Spatial Planning in the Black Sea area. Progresses registered under MARSPLAN project	Laura Alexandrov, Tatiana Begun, Annex 36
11	Workshop on Blue Growth, CONNECT–Project, Romania-Moldova	24.09.2020, INCDM-GeoEcoMAR, Constanta on-line	MARSPLAN Project: Cross-border Maritime Spatial Planning in the Black Sea - Romania and Bulgaria	Valeria Abaza, Laura Alexandrov, INCDM-GeoEcoMar teams, Annex 35
12	Online Workshop Black Sea projects on coastal and maritime tourism, maritime transports, fishery and aquaculture, digitalization. Gaps and opportunities	02.10.2020, Constanta	BSEC, Black Sea, debates	NIMRD, UOC, GeoEcoMar, Annex 37
13	PROMARE Symposium, Celebration of 50 Years of NIMRD Foundation and International Black Sea Day	29.10.2020 NIMRD, on-line	Maritime Spatial Planning	Laura Alexandrov, NIMRD researchers and scientific guests, Annex 38
14	Preparation of a Serious Game scenario, on-line Meeting	26.05.2021, International Permanent Secretariat Black Sea Universities	Maritime scenarios, Under Black Sea CONNECT project, Task 4.2 – Black Sea Awareness & Outreach	Laura Alexandrov, NIMRD, Jeni Bujini, GeoEcoMar teams

		Network-BSUN		
15	EBA Symposium, Integrating the ecosystem-based approach in maritime spatial planning	27.01.2021, 25.03.2021, 25.11.2021 EBA, On-line	<ul style="list-style-type: none"> - Integrated Ecosystem-based Approach (EBA) and Maritime Spatial Planning (MSP) - Black Sea Study Case 	L.Alexandrov, L.Boicenco, V.Abaza, Annex 39 Bogdan Ghinea
16	Coastal Planning in the North – New Governance and Planning Spaces for Sustainable Coastal Development	ESPON Program 08.09.2021	Presentations on coastal governance and planning evidence; Good practices to highlight; a Roundtable ESPON and AESOP	Laura Alexandrov, Dragos Niculescu,
17	Symposium International „Deltas and Wetlands”	13-18.09.2021, INCDDD-Tulcea	<ul style="list-style-type: none"> - The Present and Future conditions analysis of maritime space, under the maritime spatial planning process - Constanta Space Technologies Competence Centre dedicated to the Romanian Marine and Coastal Regions Sustainable Development, COSMOMAR - The Constanta Aquaculture Demonstrative Center (ADC), a tailored service aimed at fostering Romanian mariculture 	L.Alexandrov-moderator V. Troeva, D. Vasiliu, B. Ghinea, D.Niculescu, D. Vintila, A. Spinu, J.Bujini, M.Stancheva, T. Begun, M. Muresan, V.Radulescu, - Razvan Mateescu*, Elena Vlasceanu, Dragos Niculescu - V.Nita, M. Nenciu, Annex 40,
18	ESPON Peer Learning Workshop (PLW) as virtual Romanian Peer learning	28.09.2021 MDPWA-ESPON Bucharest	- The role of Maritime Spatial Planning–Land-Sea Interaction in sustainable energy production in the Black Sea	Bogdan Ghinea, Laura Alexandrov, Dragos Niculescu, Annex 41
19	International Black Sea Day, Blue Growth Initiative for Research and Innovation in the Black Sea	28.10.2021, NIMRD, GeoEcoMar, Constanta	5 Sessions	NIMRD, GeoEcoMar teams,
20	INTERREG, CAPACITY4MSP, Planning Forum, Milieu Consult, ACTeon, Baltic Environmental Forum, Wageningen University,	24.11.2021, supported by Fresh Thoughts Consulting and GRID-Arendal	<ul style="list-style-type: none"> - MARSPLAN-BS II Lessons Learnt - EBA in MSP in the Black Sea 	Bogdan Ghinea, L.Alexandrov, L. Boicenco, M.Stancheva V. Troeva, Annex 42
21	International Conference Interdisciplinarity and cooperation in transboundary research,	02-04.12.2021 UGAL-Galati, Chişinău, Moldavia Republic	<ul style="list-style-type: none"> • The analysis of marine space conditions for Maritime Spatial Plan-ning in transboundary approach • The Romanian Aquaculture Demonstra- tive Center (ADC), a tailored service aimed at fostering Black Sea mariculture 	L.Alexandrov, V.Nita, V.Troeva, D. Vasiliu, B.Ghinea, L.Boicenco, M.Stancheva, V.Abaza A.Spinu, D.Niculescu, I.Nichersu - V.Nita, M. Nenciu, L.Alexandrov, Annex43

Activity 4.5 Lessons Learned – Coordination PPL-MRDPW, PP2-MDPWA, PP7-OUC. Completed work.

PP2-MDPWA elaborated a “Lessons learned” specifical format to include partners contributions for the best practice examples and lessons learnt resulted from the MARSPLAN BS II Project. PP4-NIMRD contributed to this document for the case of studies and activities where it had responsibilities and contributions. From this kind of inventory PP3-NCRD produced a publication in collaboration with PP2-MDPWA, as result of the project: “Lessons Learned”, ISBN 978-954-92785-6-9.

Deviations – No important deviations so far from the initial proposal and the schedule of the work. Some deviations for the start of the 1.1.3 only, without expected impacts on the results and deliverables of other activities in the project, Pandemia restrictions and late answers of authorities.

Problems and difficulties – where related with the explanations mentioned above.

4. DELIVERABLES AND DISSEMINATION ACTIVITIES

Use this section to summarise all deliverables produced over the whole project duration (e.g. reports -other than the interim and final reports contractually required to be submitted to the EASME-, websites, software etc.), as well as all dissemination activities executed (publications, workshops, conferences, etc.). For each of them, please signal if they were a contractual obligation², and provide the title, description and date of production, organisation or publication. If relevant, please provide proof on how the provisions of Article II.7 of the Grant Agreement [Table 7](#)

Nr	Deliverable	Contract obligation	Data/ Description	Organization /Visibility
1.	Synthesis report on maritime uses, Laura Alexandrov, Margarita Stancheva, Dan Vasiliu, Hristo Stanchev, Milena Manova, Dragoş Vintilă,	yes	ISBN 978-606-9711-22-4, 130 pg, 07.12.2021, publishing form of the Report 1.1.1,; Ed.Celebris, http://www.marsplan.ro/en/	Results presented in international events - Tab 6: Annexes 5, 27-33, 34-36, 40, 42-43
2.	Defining and analysing existing conditions in the maritime space, Laura Alexandrov, Vesselina Troeva, Dan Vasiliu, Bogdan Ghinea, Margarita Stancheva, Dragoş Vintilă, Miroslav Tsvetkov	yes	ISBN, 978-606-9711-21-7, 168 pg., 07.12.2021, publishing form of the Study 1.1.2, Ed.Celebris, http://www.marsplan.ro/en/	Results presented in international events - Tab 6: Annexes 5, 27-33, 34-36, 40, 42-43
3.	Defining and analysing future conditions, Vesselina Troeva, Laura Alexandrov, Bogdan Ghinea, Stoicho Motev, Maria Novakova, Dan Vasiliu	no	Study 1.1.3. under publication in a publishing variant, February – March 2022	Results presented in international events - Tab 6: Annexes 9, 10, 39-43
4.	40 Thematical and poli-thematical maps included in Studies 1.1.1, 1.1.2, 1.2.3	yes	Also included in the MSP-GIS Data Base of MDPWA, NCRD	Results presented in international events - Tab 6: Annexes 1, 2, 3
5.	Land – Sea Interactions' Analysis: ResultsBased Survey Questionnaire Design For Romanian Coastal And Maritime Stakeholder's Community, E.Vlasceanu, L.Alexandrov R.Mateescu, D.Niculescu, E.Rusu,		Acta Universitates Danubius, CECONOMICA, Vol 17, no 6, 2021, 239-252 http://www.marsplan.ro/en/	Results presented in international events - Tab 6: Annexes 41
6.	Participation to 20 events	yes	Results presented in international events (Tab 6)	Annexes 27-43
7.	Organization of events	yes	Results presented in international events (Tab 6)	Annexes 33, 38
8.	Contribution to the MDPWA, NCRD, CCMS studies	yes	Results presented in international events (Tab 6)	Annexes 4-11, 25, 44
9.	NIMRD G.Antipa web-site http://www.rmri.ro/Home/Home.html	no	Included MSP Platform on aritime Spatial Planning since MARSPLAN BS Project	http://msp-platform.rmri.ro/contacts.html
10.	NIMRD Facebook Address	no	Installed all MARSPLAN events and NIMRD participations/presentations	https://www.facebook.com/INCDM
11.	MARSPLAN Wall Calendar publication	yes	Including Objectives, Partners and Results of both MARSPLAN Projects -	Spread to partners: on-line; Distributed

5. PROJECT MANAGEMENT

Please use this section to summarise project management activities. **Maximum 2 pages.**

- Describe briefly the main tools in place to ensure sound project management (internal controls, monitoring tools, performance indicators, etc.). If applicable, describe performance of the tasks in terms of selected indicators;
- If applicable, please describe any problem encountered among the different beneficiaries or affiliated entities (distribution of tasks, coordination, communication, etc.);
- Report any other problems related to project management which have occurred and explain the remedial actions that have been applied as well as its results;
- Indicate changes which have occurred to the legal status of any of the beneficiaries or their affiliated entities, if any.

² Contractual obligation: this refers either to an activity/deliverable required in the Call for Proposals or provided for in Annex I.

- According to the approved budget and notifications PP4-NIMRD continue to work in the second part of the project with the same financial expert and made some changes in the work team of experts involved in the technical activities, according with responsibilities, in order to ensure the on going project objectives. Personnel time-sheets are attached to Financial Report (*Annex 18*).
- PP4-NIMRDA was mainly focused on the three studies elaboration, MSP Data base improvement, Results dissemination in the Black Sea Basin. But, it also contributed to other activities according necessities.
- Aiming to update information, to accomplish activities and to respect the planned terms were periodically organized internal work meetings in PP4-NIMRD, oftenly with PP6-GeoEcoMar and PP7-UOC partners, mainly in Constanta; with PP2-MPWDA, in Bucharest but more, online.
- As Sub-activities 1.1.1, 1.1.2 and 1.1.3 responsible PP4-NIMRD requested and received contributions from all partners in the elaboration of nominated studies. Than integrated information collected and received.
- For the other project objectives, PP4-NIMRD collected information and sent contributions to the activity responsible from Activities 1, 2, 3, 4.
- PP4-NIMRD received a real support from PP2-NCRD, PP6-GeoEcoMar, PP5-CCMS and for the Study 1.1.3 from the governmental level through MDPWA.
- The financial expert and the administrator of NIMRD realized day-to-day monitoring and control concerning MARSPLAN BS II project. The hourly and monthly base for each expert was established with additional explanation about the completed tasks and achieved results.
- The communication between partners was established on-line during the pandemic period and regime. Even, at the project starting, Romanian partners agreed the decision as MPWDA to be national representative in MSP communication with Bulgarian project leader and partners, as national MSP authority, communication was done between different partners according to priorities, to can speed the results obtaining.
- In spite of this, all partners, including PP4-NIMRD, confronted with external difficulties:
 - o The last two years of the project have overlapped with the pandemic period, which is why work and meetings with Romanian stakeholders have been affected; for the same reasons, some deadlines were postponed;
 - o Different stages of political changes and elections delayed some decisions, data providing, communication aiming the project support;
 - o The lack or non-availability of the most new and perspective data, as well as the differences of opinion regarding them, concerning also to plans and prognosis for the maritime space, made difficult the elaboration of the study 1.1.3 for Romania,
 - o In the last part of the project, the situation was saved by:
 - the online responses of stakeholders to the questionnaires elaborated by PP4-NIMRD for LSI and Study 1.1.3,
 - the addresses received by MDPWA from important ministries and organizations, and retransmitted to us, being extremely useful in completing the objective,
 - o A significant big help for Study 1.1.3 would have been the acquisition of services for the realization of the Romanian Maritime Space Plan, to can identify earlier the maritime scenarios in Romanian maritime space: elaborating maps, integrating both countries results, by consulting the experts of the sub-contracted firm. At the end with common efforts of NCRD and NIMRD (and GeoEcoMar at the end) the integrated study 1.1.3 is finalized.
- PP4-NIMRD confronted with internal difficulties:
 - o Institutional changes, transition, old leadership retirement, internal regulations changes and new institutional strategy and vision concerning scientific research, have caused difficulties in early 2021, with many new formalities related; the situation was remedied along the way till the end of the project,
 - o The MSP specialisation is still a problem, including lack of personnel and of funds for research, concerning marine environment and maritime activities, ICZM and MSP.
 - o For the work improvement it was necessary to redistribute certain tasks to the experts or to make staff changes by retirement or institute leaving in three members case.
- The horizontal institutional communication was good based on traditional collaboration, work experience and high level of knowledge and understanding. The vertical communication is not yet well improved at national level.
- The bilateral communication Romania-Bulgaria was very good in spite of cultural and languages differences (producing some confusion related translation from the native language to English and vice versa) and work approach.

- More comments resulted between partners because of difficulties presented above and because of differences in the project and work understanding, due to:
 - o less explanations at the beginning of the projects in and between both countries team works vision;
 - o less participation to discussion of the decision factors;
 - o differences concerning the understanding of the project by the governmental and institutional level;
 - o necessity to better harmonizing of the scientific, economic and social representatives.

The role of European rules, directives, programs, plans, together with the financing authority is essential in the continue efforts for unitary, harmonized development in the Black Sea area, aiming the common biopotential recovery and use of natural resources in wise, rational way. Supporting the Maritime Spatial Planning in Bulgaria and Romania it is also increase their role to spread MSP information, methods and practices in the whole Black Sea region which has anyway differences and specificities concerning its surrounded countries.

6. SUBCONTRACTING

Describe whether any of the tasks has been subcontracted, provide justification, percentage of the volume subcontracted as compared to the total budget and explain how the subcontractor was selected. **Maximum 2 pages.**

- NIMRD did not subcontract anything, in accordance with its planning and allocated budget.
- For the Publications proposed in the frame of the project (Budget Chapter), PP4-NIMRD contacted the publishing house SC.Celebris.SRL, by public auction and commanded the publication of MARSPLAN BS II books/ publication (Annex1, Annex 2) and a number of 200 wall calendars, A3 Format, with project logo and results, by the Contract of Service Providing no.125/07.12.2021 (Annex 45).

7. BUDGET

- Please fill in the separate template for the Financial Report;
- In the section below, please provide your assessment of the budget implementation, as compared to the information included in Annex III of the Grant Agreement. **Maximum 2 pages.**
 - Please explain any deviations from the planning, as well as their impact on the implementation of the project;
 - Signal any relevant problem concerning eligible costs, distribution of budget, financial constraints or others.

- The Financial Report for the nominated period refers to 01.07.2020 – 31.12.2022.
 - The expenses used during this reporting period are valued at 43160,47 EUR.
- We have not registered any overruns of the planned cost specified in the budget lines.
- It could be concluded that in this project period (391 working days), expenses are the followed:

Table no. 8. Expenditures incurred

Specifications	Provisions (euro)	Expenditures incurred during 01.07.2019 – 30.06.2020 (euro)	Expenditures incurred during 01.07.2020 – 31.12.2021 (euro)
1. Staff costs	88602	36672.36	38827.67
2. Subcontracting	-	-	0
3. Travel & Subsistence	5877	2861.31	1009.17
4. Equipment and infrastructure	-	-	0
5. Other specific costs	500		500.05
6. Indirect costs of the action	6648	2767.36	2823.58
Total	101627	42301.03	43160.47

- Expenses are done for Staff costs, Travel and Subsistence, Publication and Indirect Costs.
- There are not expenses for Subcontracting, Equipment and infrastructure, Other specific costs.
- Some travels were delayed because of pandemia conditions.

Table no. 9. Staff Costs – period 01.07.2020 – 31.12.2020

Name	Expertise Category (e.g. senior expert, engineer, etc.)	Number of man-hours	Hourly rate	Staff costs amount
Alexandrov Laurenta-Mihaela period 01.07.2020 – 31.12.2020	Project manager	232	24.23	5,620.67

Alexandrov Laurenta-Mihaela period 01.01.2021 – 31.12.2021	Project manager	462	26.02	12,019.21	
Spinu Alina period 01.07.2020 – 31.12.2020	Scientist	10	25.56	255.63	
Spinu Alina period 01.01.2021 – 31.12.2021	Scientist	37	25.61	947.44	
Niculescu Dragos period 01.07.2020 – 31.12.2020	Scientist	146	14.80	2,161.13	
Niculescu Dragos period 01.01.2021 – 31.12.2021	Scientist	300	16.37	4,909.89	
Lazar Luminita period 01.07.2020 – 31.12.2020	Scientist	20	29.71	594.22	
Vlasceanu Elena period 01.01.2021 – 31.12.2021	Scientist	254	13.50	3,428.96	
Mateescu Razvan period 01.01.2021 – 31.12.2021	Scientist	139	29.54	4,105.61	
Morosan Ionela period 01.01.2021 – 31.12.2021	Financial Responsible	189	25.32	4,784.91	
	Subtotal	2,264,00		38,827.67	

Table no. 10. Travel and subsistence

N°	Name	Destination city, country	Date - dd/mm/yy	Duration (days)	Purpose	Amount
1	Alexandrov Mihaela-Laurenta	Bucharest, Romania	18.03.2021	1	Participation to the work meeting with MARSPLAN II team from MDPWA (16ccommodati: 4.08 euro; gas for transport Constanta – Bucharest: 59.72 euro; rovignet: 4.46 euro)	68.26
2	Alexandrov Mihaela-Laurenta	Tulcea, Romania	13.05.2021	1	Participation to work meeting at INCDDD Tulcea for an exchange of information and MSP documents regarding data processing for stakeholders consultation analysis (16ccommodati: 4.08 euro; transport Constanta – Tulcea: 22.45 euro)	26.53
3	Mateescu Razvan	Eforie, Romania	21.07.2021	1	Participation in a photography and measurement session in the Eforie area (subsistence: 4.08 euro; transport: 42.86 euro)	46.94
4	Niculescu Dragos	Eforie, Romania	21.07.2021	1	Participation to a photography and measurement session in the Eforie area (subsistence: 4.08 euro)	4.08
5	Alexandrov Mihaela-Laurenta	Tulcea, Romania	14 – 17. 09.2021	4	Participation to the International Symposium "Delta and Wetlands" (16ccommodati: 16.32 euro; 16ccommodation: 116.61 euro; transport: 34.13 euro; participation fee: 126.94 euro)	294.00
6	Alexandrov Mihaela-Laurenta	Galati, Romania	02 – 04. 12.2021	2	Participation to the International Conference, on interdisciplinary and cross-border cooperation, in Galati – Chisinau (participation fee: 81.62 euro; transport: 42.88 euro; rovignet: 11.02 euro; 16ccommodation: 93.27 euro)	228.79
7	Mateescu Razvan	Midia-Constanta-Eforie, Romania	22.12.2021	1	Participation to the expedition on the seaside area by boat for the development on a specific expertise (geographical coordinates for mapping) in the field of MSP (gas for transport by boat)	340.57
		Subtotal				1,009.17

Assessment of expenditure

All costs declared in the financial report are true and made for the project implementation.

The implementation of the budget of NIMRD GA – PP4 for the reporting period is in accordance with the information included in Annex III of the Grant Agreement. Details about salaries payment are more developed in the Financial Report, added to the Technical Final Report. (Annex 18)

8. ADDITIONAL INFORMATION

Please include any comment that you find relevant to convey to the EASME or to the European Commission. You may refer to issues such as policy implementation, contract management or budget execution. **Maximum 1 page.**

According to the current Romania legislation in the field of research and contractual obligations, the data and results obtained in the frame of different projects can be used only with the approval of the beneficiaries of the projects, who supported the financing of the research.

9. ATTACHMENTS

Please list all the attachments accompanying this report including the project deliverables, if any. Please number the annexes and use the same reference number in the below list of attachments.

Table 11		
Annexes	Deliverable/Product	Activity / Sub-Activity
Annex 1	Report and Book-ISBN 978-606-9711-22-4, <i>Synthesis report on maritime uses</i> , NIMRD responsibility, integrated work (including NIMRD Maps)	1.1.1
Annex 2	Study and Book-ISBN, 978-606-9711-21-7, <i>Defining and analysing existing conditions in the maritime space</i> – NIMRD responsibility, integrated work (NIMRD Maps)	1.1.2
Annex 3	Study 1.1.3. <i>Defining and analysing future conditions</i> – NIMRD responsibility, integrated work, (including NIMRD Maps)	1.1.3
Annex 4	Existing Data Gaps – NIMRD Contribution included in Report/Publications	1.2.1
Annex 5	GIS database update – NIMRD Contribution included in the MSP Data Base	1.2.2
Annex 6	Maritime Spatial Plans strategies development – NIMRD Contribution	1.2.3
Annex 7	Stakeholder cooperation – List of stakeholders updating (NIMRD)	2.2.
Annex 8	Stakeholder cooperation – Documents support preparing for transboundary meetings (NIMRD)	2.2.
Annex 9	Land-Sea Interactions (LSI) in MSP – NIMRD Questionnaires results	2.3.
Annex 10	Land-Sea Interactions (LSI) in MSP – NIMRD Contribution to LSI Study-CCMS	2.3.
Annex 11	Multi Uses – NIMRD Contribution	2.4
Annex 12-15	Steering Committees – 4 presentations	3.2
Annex 16-17	Advisory Boards – 4 presentations	3.3
Annex 18	Financial Report: included and attached: 6 documents included	3.4
Annex 19-22	Thematic Workshops – 4 presentations	3.6
Annex 23-24	MARSPLAN Conferences – 3 presentations	4.1
Annex 25	Web-site, contributions to MDPWA-MARSPLAN site, NIMRD-MSP site development	4.3
Annex 26	Promoting MSP in Black Sea basin – stakeholders meetings	4.4
Annex 27-43	Promoting MSP in Black Sea basin in international events – 20 NIMRD participations	4.4
Annex 44	Lessons Learnt – NIMRD Contribution	4.5
Annex 45	Publication Contract	4.2.