



Programme funded by
EUROPEAN UNION



Project Progress Report No 7

A.1 Project Progress Report Identification

Project Title	Raising Public Awareness and Reducing Marine Litter for Protection of the Black Sea Ecosystem	
Project Acronym	LitOUTer	
Project Website (if applicable)	www.litouterproject.eu	
Project Number	BSB 785	
Project Duration Start Date	Start date: 1.07.2020	End date:31.03.2023
Programme Priority	2.2 Promote common awareness-raising and joint actions to reduce river and marine litter	
Programme Specific Objective	2. Promote coordination of environmental protection	
Lead Beneficiary/Beneficiary 1	Karadeniz Technical University- Marine Science Faculty (KTU-MSF) (Turkey)	
Contact Person e-mail address	Asscoc.Prof. Dr. Coşkun ERUZ ceruz@ktu.edu.tr ; fatma.tellikarakoc@ktu.edu.tr	
Beneficiary 2	International Business and Economic Development Center (IBEDC) (Georgia)	
Beneficiary 3	Non-governmental Environmental Organization Mare Nostrum (MN) (Romania)	

Beneficiary 4	Bulgaria, Institute of Oceanology - BAS (IO-BAS)	
Beneficiary 5	National Institute for Marine Research and Development “Grigore Antipa” (NMRD) (Romania)	
Beneficiary 6	Black Sea NGO Network (BSNN) (Bulgaria)	
Reporting Period	Start date: 01.10.2022	End date: 31.01.2023

A.2 Highlights of main achievements per group of activities

A brief summary description of the main achievements per group of activities shall be written in the style of a press release capturing the main features of the project. The description should also indicate the stage of physical progress of project activities as a percentage (e.g. Up to the present progress report, 65% of the project activities have been completed)

Management:

LP: The project activities were completed (95%) during this period. These were;

1. According to the agreement of the project partners, three months extension requirements were declared to the JTS.
2. Three months project extension-related addendum was submitted and accepted. The project activities were completed at a 95% level.
3. Procurement plan was prepared for the project base.
4. Some purchasing requirements related to the symposium and open-air exhibition were done during this period.
5. International symposium organisation was done.
6. Open-air exhibition organisation was done.
7. Two Partner Meeting were organised. One of them after the symposium the other in June 2023 (Attachment-LP-LitOUTer-Partner meetings).

IBEDC:

1. IBEDC manages and coordinates the project activities in Georgia;
2. IBEDC has prepared and submitted the 7th Progress Report;
3. Procurement plan was updated and submitted to LP;
4. IBEDC staff with stakeholders from Georgia have participated at the International Symposium, the workshop and partner meeting in Trabzon, Turkey;
5. IBEDC have organised Field studies (Beach/coast);
6. IBEDC has successfully completed the second questionnaire,
7. Communication and close cooperation with the project Lead Partner and partners concerning the project milestones, awareness/meetings organization, awareness material preparation etc;
8. Expenses related to the activities were done according to the national and PRAG rules.

MN:

1. Prepared and sent to LP the PR6.
2. Participated at the partner meeting organized in Trabzon, after the workshop and symposium.

IO-BAS:

1. IO-BAS Under Management coordinated work among the team. IO-BAS took part in all partner meetings on the project level;
2. IO-BAS took part in preparation of Addendum 2 and notifications concerning awareness materials; training courses; beach cleanings;
3. IO-BAS prepared notification request for transfer within the same budget line;
4. IO-BAS prepared and submitted sixth project report.

NIMRD:

At the time of submitting the seventh progress report (PR-7), the following activities of the total project activities have been completed by NIMRD under management:

1. Prepared and sent to LP the PR6 and the clarification for the First interim report.
2. Attending online partner meeting organized by LP in 19 October 2022
3. Attending in person the Steering Comitee meeting organized by LP in Trabzon (Turkey) in November 2022.
4. Communication with the project coordinator and partners concerning the project milestones, awareness/meetings organization, awareness material preparation etc.
5. Updating the procurement plan.
6. Prepared and sent (December 2022) to LP the 2nd Addendum for three months project extension.

BSNN:

1. BSNN conducted internal management team sessions and coordinated work on project activities. BSNN took part in all partner meetings on project level.
2. BSNN supported the preparation of Addendum 2 and notifications concerning awareness materials and hall and transport rental for meetings with stakeholders
3. BSNN prepared and submitted sixth progress report.

GAT1: This GA was completed (100%) at the first progress report period.

GAT2: Up to present progress report 95% of this GA has been completed in the project base. Here is the each partner activities were listed;

LP:

1. All planned activities were completed under the GAT2 by LP.
2. The number of the organisation and the number of participants that were determined

in the project were reached.

3. The second questionnaire (DT.2.1.2.) was completed and sent to the responsible partner (PP6 (BSNN))
4. 10 local meeting/seminar (DT.2.2.1) were organised during the project period.
5. The last workshop (DT.2.2.2) was organised in Trabzon on 3-4 December 2022.
6. International symposium (DT.2.2.3) was organised in Trabzon on 31 October-2 December 2022 participating over 200 participants.
7. Already produced awareness materials for children were disseminated to the children in the open-air exhibition (DT.2.3.2.)
8. Open-air exhibition (DT.2.4.1.) were organised in the Trabzon city center on 11-12 November 2022. The number of participants were over 600.

IBEDC:

1. IBEDC staff and stakeholders from Georgia involved in the work of International Symposium held in Trabzon, Turkey at October 31-November 2, 2022 with presentations, arrange meeting between Georgian and Turkish stakeholders and discussion moderation;
2. Project coordinator of IBEDC has participated in the workshop organized by LP in Trabzon, at November 3-4, 2022;
3. IBEDC has successfully finalized the second questionnaire, prepared the reports in order different target groups and sent to the responsible partner PP6(BSNN);
4. IBEDC has organized 2 meeting with the stakeholders from tourism sector and in Khelvachauri Municipality;
5. Printed and disseminated project awareness materials such as brochures /posters/ leaflets for stakeholders;
6. Disseminated children awareness materials (toys, playcards, T-shirts) to the children;

MN:

1. Mare Nostrum Team participated at the Symposium organized in Trabzon, 31 October-2 November 2022, with presentation, posters, and discussion moderation.
2. Mare Nostrum Team participated at the Workshop organized in Trabzon, 3-4 November 2022.
3. Had 1 meeting with stakeholders from Vadu community.
4. Applied and centralized the second round of questionnaires.

IO-BAS:

Took part physically in the International Symposium on Marine Litter in the Black Sea, held 31.10 - 02.11.2022 in Trabzon, Turkey and in the Project Workshop 3-4.12.2022;

1. IO-BAS brought 3 stakeholders which took part actively in the sessions of the symposium; IO-BAS project team member participated was the coordinator on behalf of IO-BAS;
2. IO-BAS and partners worked on the second round of questionnaires for the second survey and finalized it in the reporting period.
3. IO-BAS has organized an Open-air exhibition held in Varna (2 days) 19-20.10.2022; awareness materials were disseminated;
4. IO-BAS has planned and started market research on the production of the following awareness materials: "Awareness materials" (Roll-up, brochures/leaflets, banners, 3 types of photographs, poster, flags, T-shirt/hat) expenses.
Under D.T.2.3.2 and in the activity description A.T.2.3: Photographs: 500 photographs with pictograms displaying marine litter items in the sea; 500 photographs with pictograms displaying marine litter accumulation and hot spots; 500 photographs for quiz awards, etc.; 250 flags; 200 T-shirts;
5. Training courses under GA 4.2.1. 6 courses with 253 trainees total-target achieved;

NIMRD:

At the time of submitting the seventh PP7 progress report (PR-7) of partner PP5, the following activities have been completed by NIMRD under GAT2:

1. Attending in person the *International Symposium on Marine Litter in the Black Sea: Ecological and Socio-Economic Problems*, organized by LP in Trabzon, Turkey, during 31 October-2 November 2022, with 4 oral presentations and discussion moderation (chair for one session of the Symposium)
2. Attending in person the LitOUTer regional workshop „*The Contribution of the Stakeholders and National and Regional Approaches to Reduce Marine Litter Pollution*”, organized by LP in Trabzon, Turkey, during 3-4 November 2022. Both PP5 team members and three PP5 invited stakeholders attended this regional workshop in Trabzon.
3. Disseminated the project materials during various activities.
4. Completed the second questionnaire (DT.2.1.2.) and submitted it to the responsible partner (PP6).
5. Organized the rest of 9 local meetings/seminars (DT.2.2.1) and fully completed this task.

BSNN:

1. Took part in the International Symposium on Marine Litter in the Black Sea, held 31.10 - 02.11.2022 in Trabzon, Turkey and in the Project Workshop 3-4.12.2022; BSNN ensured 4 presentations - 3 in person (2 team members and 1 stakeholder) and 1 online of scientist stakeholder.
2. BSNN and partners worked on the second round of questionnaires for the second survey and finalized it in the reporting period.
3. BSNN organised and held an Open-air exhibition in Burgas, on the southern coast on 16 -17.11.2022; as planned the team disseminated awareness materials.
4. BSNN planned second series of awareness materials, had it approved by JTS as exact types and numbers and completed the production of the following awareness materials: pictures and infographics of marine litter in the sea, double-sided 500 items; pictures and infographics with marine litter pathways, double-sided 500 items; pictures for awards, single-sided 500 items ; paper banners for October 31, 300 items; flags double-sided printing, 250 items (pictures of the new series of awareness materials attached; also shown on other pictures at trainings); those awareness materials are to be used in awareness, training and dissemination activities.
5. BSNN held a number of meetings under D 2.2.1 with representatives of stakeholders under GA2 to increase awareness and involve more representatives of the target groups in current project and also in view of follow up activities. Those were as follows: 6 meetings in places on both the northern and the southern coast (1 meeting in Malko Turnovo, southern coast 24.11.2022 - 8 participants, focus on plastic waste reduction; 1 meeting with church community leaders at the St. Procopius of Varna Church, 25.11. 2022 - 6 participants, focus on Sunday school and church community training and involvement; 1 meeting in Burgas 16.12.2022 - 8 participants from administrations, focus on plastic waste reduction; 1 meeting in Varna 21.12.2022 - 10 participants, focus on waste reduction, circularity and follow up of project, 1 meeting in Varna on 22.12.2022 with leaders of Muslim community at district muftiship - 4 participants, focus on awareness in future activities for children, students, housewives; 1 meeting in Varna on 20.01.2022 - 4 participants, teachers working on Erasmus + project for ocean literacy, training on

circularity and awareness products of LitOUTer; focus on future trainings with students and follow up). D.T.2.2.2 - (target 10 trainings/100 participants; achieved 12 meetings/122 participants.

6. This period, 6 trainings/40 participants; total 12 trainings/122 participants

GAT3: Up to present progress report 95% of this GA has been completed

LP:

1. Litter transportation scenarios (DT3.2.1) were produced for selected river from partner countries and the total number of the scenarios were 100.
2. The workshop related to the modelling was organised in the previous period and this activity completed (DT3.2.2.).
3. The final report of the Litter transportation scenarios was completed (Attachment-LitOUTer-Modeling Report).

IO-BAS

1. In situ training activity was completed in the last year (DT3.1.1.).

GAT4: Up to present progress report 95% of the total project activities have been completed

LP: Under this GA all activities were completed. In the extension period, there will be two training activities planned.

1. GAT4.2.1. (Local meetings, school visits, field study, and other activities) activities were completed. 10 schools were visited and gave lectures about litter pollution and its impact on their health and life. The overall participant number was 1098.
2. Training activities for local people and decision-makers (DT.4.3.1.) were completed. The number of participants and the number (500 participants) of activities reached the defined number.
3. In the extension period two more training activities will be organised.
4. In this GAT4, the responsible partner PP3 (MN) prepared a project base report and analysed the outputs.

IBEDC:

Before the reporting period IBEDC has already performed A.T.4.2-10 trainings for school children and A.T.4.3.-10 trainings for adults. That's why there was no activity in this period

MN:

1. Organized 4 trainings - 2 for students/children's from Steajaru and Jurilovca Schools (Tulcea county) and 2 for adults, teachers from Tulcea county and teachers and students from Constanta.

IO-BAS:

1. IO-BAS has organized training course with 51 participants (GA4.3.1 date 31.10.2022) awareness materials were disseminated;

NIMRD:

1. Three local schools (National Pedagogical College Constantin Brătescu - Colegiul Național Pedagogic Constantin Brătescu Constanța; Decebal High School - Liceul Teoretic Decebal Constanta; High School Lucian Blaga - Liceul Teoretic „Lucian Blaga” Constanța) were visited by PP5 for discussions/lectures about marine litter pollution and its impact on environmental and human health and life. PP5 fully completed the GAT4.2.1. (Local meetings, school visits, field study, and other activities) activities (5 schools and 250 participants).
2. One beach clean-up activity was organized in December 2022 with school students from Decebal High School - Liceul Teoretic Decebal Constanta.
3. The remaining six training activities were organized: three for university students and three for local school teachers. PP5 thus completed the GAT4.2.1. (Local meetings, school visits, field study, and other activities) activities.

BSNN:

1. BSNN D.T.4.2.1 - 1 training with Sunday school at the St. Prokopii of Varna Church (1 training on 27.11.2022 - 10 children)
2. Numbers D.T.4.2.1 - (target 250/5 achieved 293/8) current period- report 7: 1 training/10 participants
3. D.T.4.3.1 - 5 trainings (1 for northern coast, 22.10.2022 - 49 participants; 1 for southern coast in Burgas, 24.11.2022 - 22 participants; 1 in Byala, northern coast, 11.12.2022 - 18 participants; 1 for southern area Sozopol, Sredetz, Malko Turnovo etc., 12.12.2022 - 45 participants; 1 for southern area Tsarevo, Primorsko, Ahtopol etc., 14.12.2022 - 45 participants)
4. Numbers D.T.4.3.1 - target 10 meetings/250 participants, achieved 13 meetings/392 participants current period 5 trainings/179 participants
5. Field study - outdoor training activity - GA4.3.1 - 22.10.2022 with training on the use of app for beach litter monitoring ML Watch, monitoring for beach litter, beach cleaning and practical training activities - 54 participants
6. The Field study numbers can be added to the training activities numbers in D.C.4.3.1 so that we can report 14 trainings and 446 participants. More trainings will be held by PP6 BSNN in line with agreement with other partners about numbers to be achieved as project indicators.

Communication: In this period 98% of the total project activities have been completed.

LP: Under the Communication GA all activities were done. But the public events section (local news) will be continued during the extension period.

1. Publication of the project outputs (DC.5.1.) is completed. The symposium book was completed and submitted in the project website electronically
2. Each partner meeting has meeting agendas and minutes (DC.5.1.)
3. Communication guidelines will be produced during the extension period (DC.5.1).
4. The symposium activity (DC.6.1) was announced by mass media and project website.

IBEDC:

IBEDC put info about the project activities on website and disseminated to the social

media;

MN:

1. Social media activities: disseminated the project activities in social media (5 posts)

IO-BAS:

- 1 **IO-BAS: Partner communication:** Communicated regularly with LP and PPs via email, WhatsApp, phone, zoom etc.

2. **Social media:**

Open air exhibition Varna (2 days) 19-20.10.2022 :

<https://www.ifrvarna.com/index.php/bg/2020-11-21-18-14-12/2021-02-02-09-47-46>

<https://www.facebook.com/photo/?fbid=8426582220717412&set=a.569902553052124>

https://www.facebook.com/permalink.php?story_fbid=pfbid02PeU7LWkcibFuVVB6XAU6KZW49LN8HzB2fSGzubPuoqwFtyrJBmfycmB6WFG2nr4Yl&id=100000971522243

National electronic media:

<https://www.maritime.bg/88215/>

<http://io-bas.bg/2022/10/18/%d0%bc%d0%b5%d0%b6%d0%b4%d1%83%d0%bd%d0%b0%d1%80%d0%be%d0%b4%d0%b5%d0%bd-%d1%81%d0%b8%d0%bc%d0%bf%d0%be%d0%b7%d0%b8%d1%83%d0%bc-%d0%bd%d0%b0-%d1%82%d0%b5%d0%bc%d0%b0-%d0%bc%d0%be%d1%80%d1%81%d0%ba/>

Beach clean up and common actions with BDBS-MOEW, Bulgaria and IO-BAS:
31.10.2022

https://www.bsbd.org/v2/bg/page_7979868.html

International Symposium:

<http://io-bas.bg/2022/10/17/%d0%bf%d0%be%d0%ba%d0%b0%d0%bd%d0%b0-%d0%b7%d0%b0-%d0%b8%d0%b7%d0%bb%d0%be%d0%b6%d0%b1%d0%b0/>

NIMRD:

1. There was a good cooperation between PP5 (NIMRD) the LP and the other project partners for solving any issues raised and for successfully completing of the project purposes. The main communication tools were: e-mail telephone, WhatsApp, zoom online platform.

2. Web site and Social media activities: 2 project updates on Facebook pages of local (NIMRD) and national institutions

3. Publication of project outputs: 1 national newsletter articles; 4 oral presentation at LitOuter International Symposium

BSNN:

1. BSNN: Partner communication: Communicated regularly with LP and PPs via email, WhatsApp, phone, zoom etc.

2. Social media - two major FB groups involved
<https://www.facebook.com/profile.php?id=100051284682945> For a clean coast and a living sea - BSNN moderated group with 828 followers and
<https://www.facebook.com/groups/761344284201845> United for a clean coast and a living sea - open group with 1 300 followers #LitOUTer
3. 8 specific posts for project Open air exhibition in Burgas, training, second questionnaire survey, open doors meeting with media and activists and many other related posts
4. 2 press releases on project activities
5. 9 publications/reports on: National Radio, Focus News Agency, Faktorbg Burgas, Burgas Press, Bluelink net (3), 2 news on partner website
6. Suggestion for draft contents of Communication Guidelines on Marine Litter for the Black Sea (CGML-BS) provided to LP and partners

A.3 Project Specific Objectives

Project Specific Objectives	Explanation on the level of achievement
<p>1. Raising awareness and responsibility of the stakeholders to reduce marine litter</p>	<p>LP: Since July 2020 there have been a lot of activities to raise public awareness about marine litter impacts physically in the target area, Trabzon, or indirectly the whole country. The activities have been carried out theoretically and practically.</p> <p>IBEDC: All the project activities implemented while the project are contributing to increase the awareness of stakeholders, especially when you use concrete examples and when you put them directly in contact with the problem of marine litter.</p> <p>MN: All the activities implemented during the project are contributing to increase the awareness of stakeholders, especially when you use concrete examples and when you put them directly in contact with the problem of marine litter.</p> <p>IO-BAS: A significant number of awareness materials have been distributed; over 1500 awareness and publicity items (toys, t-shirts, posters, leaflets, brochures); Started producing Photographs: 500 photographs with pictograms displaying marine litter items in the sea; 500 photographs with pictograms displaying marine litter accumulation and hot spots; 500 photographs for quiz awards, etc.; 250 flags; 200 T-shirts; open air exhibition with around 180 participants has been held in 19-20.10.2022; Over 20 publications in the social media and additional</p> <p>NIMRD: All the activities implemented during the project are contributing to increase the awareness of stakeholders, especially when you use concrete examples and when you put them directly in contact with the problem of marine litter.</p> <p>BSNN: Very significant progress has been made in raising the awareness of key stakeholders promoting improvement in waste management practices, adoption of good practices for marine litter reduction, change in consumer attitudes and awareness of businesses and producers' responsibilities for sustainable use of resources. BSNN organised 33 meetings/trainings/workshop with total of 930 participants from different places along the coast, different age and stakeholder groups, disseminated over 1300</p>

	<p>awareness and publicity items (toys, t-shirts, posters, leaflets, brochures); produced second series of 2050 awareness materials (pictures with infographics about marine litter, small flags etc.), organised open air exhibition in Burgas and press conferences supported by a total of 34 publication and social media posts in two thematic environmental social groups ps. Specific objective achieved.</p>
<p>2. Determination of the proportions of the potential sources for the marine litters</p>	<p>LP: The main resources of marine litter are from land-base. Irregular landfills, lack or less recycling infrastructure, and lack of awareness are the main reason for the increasing marine litter.</p> <p>IBEDC: IBEDC has carried out Marine litter monitoring studies on the beach were contributing to the process of seeing the situation on Georgian beaches according to certain methodology, but are not especially seeing the potential sources, can be only assumptions can be made. While the awareness activities, stakeholders revealed knowledge about the sources of litter pollution. The recycling requirements and the infrastructure necessities were underlined by stakeholders. The requirements of the stakeholders were forwarded to the decision-maker, especially municipalities. The importance of the separation at home was underlined and also stopping the single used plastic materials are crucial to reducing litter pollution in the environment were also specified.</p> <p>MN: Marine litter monitoring studies carried out on the beach are contributing to the process of seeing the situation on Romanian beaches, but are not especially seeing the potential sources, can be only assumptions can be made. All the dates/information are entered in Emodnet database.</p> <p>IO-BAS: The partner held Field study and prepared information from the selected sampling areas for beach litter monitoring and clean-up activities together with BDBS, MOEW, preparing information about sources and top pollutant items using EU methodology for beach litter monitoring. All the wates were categorized and protooled. The partner disseminate information about marine litter sources, ways of transport and options for prevention or littering of the beach. The objective 2 has been achieved.</p> <p>NIMRD: After the literature survey in the first progress report, there were no activities for this. We have an in-house supported project related to riverside and seaside litter collection project are supporting this project with its results.</p> <p>BSNN: The partner held Field study and prepared information from the selected sampling areas for beach litter monitoring and clean-up activities, preparing information about sources and top pollutant items using EU methodology for beach litter monitoring and the citizen science Marine LitterWatch App of EEA. The partner disseminate information about marine litter sources, ways of transport and options for prevention or littering of the beach. Outdoor training activities have been held to support this</p>

	objective. The objective 2 has been achieved.
3. Development of methods for mitigation and determination of cleaning strategies of marine litters	<p>LP: In the project, we used many methods for raising public awareness. The main goal of the project was to reach as many as possible stakeholder and it has been done. During the training activities, it was indicated that the mitigation of litter produced is the most important issue. And, mitigation of litter pollution should start from an individual base to enlarge community level.</p> <p>IBEDC: These actions and measures will be developed after the activities carried out with stakeholder's workshops and the trainings for them. Also, the open-air exhibitions will represent an important factor to see the citizen's perspective. The meetings with stakeholders are contributing at this objective, trying to find together ways to reduce the marine litter problem</p> <p>MN: These methods will be developed after the activities carried out with stakeholders (like workshops), but also after the trainings for them. Also, the open-air exhibitions represent an important factor to see the citizens perspective. The meetings with stakeholders are contributing at this objective, trying to find together ways to prevent the marine litter problem.</p> <p>IO-BAS: The IO-BAS team has prepared and used information materials promoting well established and effective methods for reducing marine litter. The team of BSNN has focused on good practices for reducing plastic waste at hotels and coastal tourist service paces; and good practices for reducing household waste and food waste. Those two specific sets of good practices have been selected for their considerable potential for replicability and effectiveness in the reduction of marine litter and circularity. The partner team has been promoting those methods with local communities and authorities, tourist businesses, experts, and NGOs. The team will further disseminate information about the accumulation areas on the coast, use project information and collect suggestions from stakeholders on effective solutions to mitigate the solid waste problem. Objective achieved</p> <p>NIMRD: When the awareness activities started in the sampling area, together with the other activities (extra bins, separation of litters (at least plastics, papers), the awareness level is getting improved. The awareness studies planned to be carried out in the sampling area will be increased with the support of decision makers (such as, extra bins, recycle bins etc.). These studies, especially with children, will make a significant change for the social behaviour.</p> <p>BSNN: The BSNN team has prepared and used information materials promoting well established and effective methods for reducing marine litter. The team of BSNN has focused on good practices for reducing plastic waste at hotels and coastal tourist service paces; and good practices for reducing household waste and food waste. Those two specific sets of good practices have been selected for their considerable potential for replicability</p>

	<p>and effectiveness in the reduction of marine litter and circularity.</p> <p>The partner team has been promoting those methods with local communities and authorities, tourist businesses, experts, and NGOs. The team will further disseminate information about the accumulation areas on the coast, use project information and collect suggestions from stakeholders on effective solutions to mitigate the solid waste problem. Objective achieved.</p>
--	--

A.4 Project Main Outputs

During the fourth Progress Report (1 October 2022-31 January 2023) the level of achievements and explanations are below;

Project Main Output Title	Project Output Indicator Targets	Planned Delivery Month	Level of Achievement -numerical value-	Explanations
T1.1.State of legal framework in the partner countries	2.2.2 Number of organisations using programme support to develop or improve waste management tools or small scale facilities along river banks and sea shores (including ports)	December 2020	4	Completed
T1.2.Current state of marine litter pollution in partner countries	2.2.2 Number of organisations using programme support to develop or improve waste management tools or small scale facilities along river banks and sea shores (including ports)	December 2020	4	Completed
T2.1.Methodology and events for awareness of marine litter problems	2.2.1 Number of persons actively participating in environmental actions and awareness raising activities (COI17)	June 2022	6	Completed
T3.1.Demonstration of the source and accumulation	2.2.2 Number of organisations using programme support	August 2021	1	Not completed

places of marine litters by using GIS/Web based applications models	to develop or improve waste management tools or small scale facilities along river banks and sea shores (including ports)			
T3.2.Production of scenarios for raising awareness by using GIS based map module	2.2.2 Number of organisations using programme support to develop or improve waste management tools or small scale facilities along river banks and sea shores (including ports)	January 2022	100	Completed
T4.1.Collaboration to reach common purpose and harmonisation between project partners and stakeholders	2.2.1 Number of persons actively participating in environmental actions and awareness raising activities (COI17)	September 2022		Completed
T4.2.Training of the stakeholders to raise awareness.	2.2.1 Number of persons actively participating in environmental actions and awareness raising activities (COI17)	September 2022	40	Not completed

A.5 Target Groups

Please describe the Target Groups Involvement, referring to Target value planned and reached so far:				
<p>In this project implementation period, the main activities are closed cooperation with stakeholders either face to face or online. Partners were found their way to communicate with their stakeholders. The limitation of the face-to-face meeting is directly related to the country's decisions. The achievements were listed based on partners:</p> <p>The number of activities in this period of the project implementation;</p>				
		Target/Success		
Partners		GA T2.2.1	GA T 4.2.1	GA T 4.3.1.
LP (KTU)	Activity #	10/12	10/11	10/17
	Participant #	100/181	500/1098	500/500
PP2 (IBEDC)	Activity #	10/4	10/10	10/10
	Participant #	100/50	500/358	500/310

PP3 (MN)	Activity #	10/10	5/5	10/10
	Participant #	100/150	250/711	500/734
PP4 (IO-BAS)	Activity #	10/5	5/6	10/4
	Participant #	100/50	250/253	500/200
PP5 (NIMRD)	Activity #	10/10	5/5	10/10
	Participant #	100/100	250/250	500/250
PP6 (BSNN)	Activity #	10/12	5/8	10/18
	Participant #	100/122	250/293	500/558
Total	Activity #	60/53	40/45	60/64
	Participant #	600/653	2000/2963	3000/2552

LP (PP1):

1. GA T.2.1.2. First questionnaire participants were 636, the second questionnaire participants were 819.
2. GAT.2.2.1. 12 meetings were organised and 181 participants were trained/knowledge.
3. GA.2.2.3. In the international symposium 350 participants were joint either offline and online.
4. GA T.4.2.1. 11 meetings were organised participating by 1098 students/children.
5. GA T.4.3.1. Under this GA 17 meetings were organised. The number of participants was 500. The excess meetings were organised because of the less participation.

IBEDC (PP2):

1. GA T.2.1.2 At first stage of questionnaire were involved 808 respondents but the second stage of questionnaire were more 893 respondents.
2. GA T.2.2.1. IBEDC have organized 6 stakeholders meeting with involvement of 50 participants totally;
3. GA T.4.2.1. IBEDC have held 10 trainings with participation 358 school children;
4. GA T.4.3.1. IBEDC have organised 10 trainings with engagement 310 adults;

MN (PP3):

1. GA T.2. Local public authority - 2 persons (participants at meetings - GA T2)
2. GA T.4. Education/training centre and school - 94 participants children and 67 adults (participants at trainings - GA T4)
3. GA T.2. General public - 22 citizens (participants at meetings - GA T2) and over 300 informed through social media. For general public, through media intervention and social media post the number it is much larger, but it is difficult to quantify.

IO-BAS (PP4):

1. Local public authority: 3 coastal authorities; 5 experts in workshop; second questionnaire survey GAT2
2. National public authority -2 participants in workshop and meetings -GAT2
3. Interest groups - tourism (2 companies); Fishery associations- 2;)
4. Education/training centre and school - 4 schools; 3 children gardens involved in all Gas;
5. General public - over 4500 involved - social media, partner website, press releases etc.

MINRD (PP5):

The number of reached target groups by were:

- 1) GA T.2.2.1. Local Public Institution (10 activities).10 local institutions (100 persons)
- 2) GA T.4.2.1. Education/training centre and school (5 activities) - (250 persons) involving children from 5 schools
- 3) GA T.4.3.1. Local young people/university students (4 activities) - (170 students) -Training
- 4) GA T.4.3.1. Fishermen (1 activity) with participation 7 persons - Training
- 5) GA T.4.3.1. Villager housewife (1 activity) with participation 13 persons-Training
- 6) GA T.4.3.1. Local religious community (1 activity) with participation 20 persons-Training
- 7) GA T.4.3.1. Local school teachers (3 activities) with participation 40 persons-Training

BSNN (PP6):

1. **GA T.2.2.1.** Under this GAT 12 meetings were organised and 122 participants were joint in these organisations.
2. **GA T.4.2.1.** Under this GAT 8 meetings were organised and 293 participants were joint in these organisations.
3. **GA T.4.3.1.** Under this GAT 13 meetings were organised and 392 participants were joint in these organisations.
4. Local public authority - 3 coastal authorities - 7 experts in workshop, 40 participants in workshop, participants in all meetings; second questionnaire survey - GA T2)
5. National public authority - 2 participants in workshop and meetings - GA T2)
6. Infrastructure and (public) service provider - 3 providers represented by 7 participants at workshops, meetings and)
7. Interest groups including NGOs - involved in all activities, including tourist associations and local reading clubs - 9 NGOs (2 new involved in current period), 3 business associations (tourism, culture, business development); 2 religious communities involved in current period.
8. Education/training centre and school - 7 schools, 4 education/training centres, 4 community centres involved in all GAs.
9. General public - over 5000 people involved - social media, partner website, press releases etc.
10. Target groups involved in this reporting period were mostly representatives of coastal communities, comprising interest groups and education/training centres mostly

A.6 Problems/deviations from the Work Plan

Please describe and justify any problems and deviations including delays from the work plan presented in the application form and the solutions found:

During the implementation period of the project, some of activities delayed because of the COVID-19 restriction. In addition to the incomplete activities, during the extension period, the LitOUTer project team will produce a guideline called "Communication Guidelines on Marine Litter for the Black Sea" to guide those who want to raise public awareness by means of litter pollution. The project duration is extended for three months (31 March 2023).

Because the COVID-19 pandemic situation, the regional stakeholders workshop planned to be organized in 2021 by PP5 (NIMRD) was postponed and started at the beginning of April 2022, after the ending of wave-5 COVID-19 in Romania. This re-scheduling will not impact of the project duration and purpose.

Amendments to the grant contract
Project duration is extended for three months with addendum in December 2022.

A.7 Horizontal Principles

Horizontal Principles	Please describe how the horizontal aspects have been considered in the project implementation
Gender Equality	<p>LP: As always gender equality is always the priority of the project team. Always meetings/activities were organised with equal participation chance.</p> <p>IBEDC: All the participants have the same involvement and opportunities; gender discrimination being not allowed in the activities implemented.</p> <p>MN: All the participants have the same involvement and opportunities; gender discrimination being not allowed in the activities implemented.</p> <p>IO-BAS: The project management process of PP4 has been conducted in line with the established principles of gender equality and equality in representation of men and women to project teams, expert groups, events, access to project deliverables and results etc. as much as possible under the concrete circumstances in each case. The team of PP4 has provided equal opportunities and men and has not allowed gender discrimination, and has also respected the specific needs of participants in activities of the project to the highest possible extent</p> <p>NIMRD: During the project implementation, the respect of male/female ratio will be carefully taken into account by PP5/NIMRD. We will be proactive with regard to gender representation, including promotion of gender equality and increasing female representation during awareness/training/communication activities. The team of PP5 is also lead by a woman and is made up by 3 women of total partner members.</p> <p>BSNN: The project management process of PP6 has been conducted in line with the established principles of gender equality and equality in representation of men and women to project teams, expert groups, events, access to project deliverables and results etc. as much as possible under the concrete circumstances in each particular case. The joint project discussions and online decisions with representation of team and partners have involved participants observing the gendering principles. The team of PP6 has provided equal opportunities and</p>

	<p>men and has not allowed gender discrimination, and has also respected the specific needs of participants in activities of the project to the highest possible extent</p>
<p>Democracy and human rights</p>	<p>LP: During the project period, none of the project team members have not violated human rights. All activities were under democratic conditions. During that period nobody hurt the animals also.</p> <p>IBEDC: General approaches to do project activities in IBEDC are done its activities under the democracy and human rights to partner. During the project implementation men and women rights all preserved by Georgian laws. There is no human rights discrimination while purchasing materials/equipment from project budgets. Democracy and human rights represent the most important element related to a good implementation of the project. This project is targeting a various stakeholder form different age groups, regions, institutions, etc. and the activities are planned in order to offer the opportunity for all people to be engaged. There is no discrimination on the gender, race, physically and religious basis, following the National legislation of Georgia. The respect for democracy and human rights is integrated as one of the general principles of internal rules of the partner. The partner has successfully applied the approaches of tolerance and multicultural understanding. The principles of transparency, accountability and efficiency are applied in the joint work, management and communication activities of the partner.</p> <p>MN: This project is targeting a various stakeholder form different age group, regions, institutions, etc. and the activities are planned to offer the opportunity for all people to be engaged. There is no discrimination on the gender, race, physically and religious basis</p> <p>IO-BAS: Democracy and human rights issues have been integrated in the project implementation by providing equal access of all target groups and society in general to the information and products of the project. This is a significant element of good governance contributing also to environmental governance and the free access to information and the exchange of knowledge with all stakeholders. Various age groups (youth, schoolchildren, elderly groups) have been successfully integrated in the project. The respect for democracy and human rights is integrated as one of the general principles of internal rules of the partner. The partner has successfully applied the approaches of tolerance and multicultural understanding. The principles of transparency, accountability and efficiency are applied in the joint work, management and communication activities of the partner.</p>

	<p>NIMRD: During the project implementation men and women rights all preserved by Romanian laws. There is no human rights discrimination while purchasing materials/equipment from project budgets.</p> <p>BSNN: Democracy and human rights issues have been integrated in the project implementation by providing equal access of all target groups and society in general to the information and products of the project. This is a significant element of good governance contributing also to environmental governance and the free access to information and the exchange of knowledge with all stakeholders. Various age groups (youth, schoolchildren, elderly groups) have been successfully integrated in the project. The respect for democracy and human rights is integrated as one of the general principles of internal rules of the partner. The partner has successfully applied the approaches of tolerance and multicultural understanding. The principles of transparency, accountability and efficiency are applied in the joint work, management and communication activities of the partner.</p>
<p>Environmental sustainability</p>	<p>LP: The soul of the project is to clean the environment in that we live not to harm. The sustainability of the project has been successful with the training of the public. Especially children are the most powerful stakeholders for the future. In the project, there has been so much energy to train them</p> <p>IBEDC: During the project activities, there were no anti-environment activities such as damaging natural resources, polluted any place before and after activities, hurt any creature. The project present and improve the knowledge and the awareness actions and initiatives in order to manage the marine litter issues in Black Sea basin. Some of our partners are an environmental NGO's, so all the organization principles in order to protect the environment will be used and implemented during the project.</p> <p>MN: The project partner carries out project activities in a manner supporting sustainable development and adhering to its principles.</p> <p>IO-BAS: The project contributes to environmental sustainability by improving knowledge and public awareness of the marine litter issue in the Black Sea region. PP6 carries out project activities in a manner supporting sustainable development and adhering to its principles, including pollution prevention, support and promotion of the sustainable use of natural resources by its staff, experts, subcontractors, volunteers etc. in the form of minimization, re-use, recycling of resources etc., promoting equitable use of resources and social equality in accessing them, as well as stimulating sustainable</p>

economic development based on sustainable use of natural resources and care for their conservation and restoration. Those have been observed by the partner in the institutional arrangements and running of office. Special emphasis has been laid on the topic of plastics pollution prevention and introducing in practical terms of principles such as reduction, reuse and recycling. The issue has been integrated in communication activities.

NIMRD: During the project activities, there were no anti-environment activities such as damaging natural resources, polluted any place before and after activities, hurt any creature.

BSNN: The project contributes to environmental sustainability by improving knowledge and public awareness of the marine litter issue in the Black Sea region. PP6 carries out project activities in a manner supporting sustainable development and adhering to its principles, including pollution prevention, support and promotion of the sustainable use of natural resources by its staff, experts, subcontractors, volunteers etc. in the form of minimization, re-use, recycling of resources etc., promoting equitable use of resources and social equality in accessing them, as well as stimulating sustainable economic development based on sustainable use of natural resources and care for their conservation and restoration. Those have been observed by the partner in the institutional arrangements and running of office. Special emphasis has been laid on the topic of plastics pollution prevention and introducing in practical terms of principles such as reduction, reuse and recycling. The issue has been integrated in communication activities.

A.8 Reporting Work Packages

NOTE: The tables may be edited to add lines for activities and deliverables as needed, in accordance with the activities set out in the Application Form-

Work Package MANAGEMENT

WP number	WP title	WP start date	WP end date	WP status (not started/proceeding according to the work plan/delayed/completed)
M	Management	Jul 2020	March 2023	Proceeding according to the work plan

Partners` involvement. Please describe the progress in this reporting period and explain how were partners involved and who did what:

LP (PP1):

1. According to the agreement of the project partners, three months extension requirements were declared to the JTS.
2. Three months project extension-related addendum was submitted and accepted.
3. The project activities were completed at a 95% level.
4. Procurement plan was prepared for the project base.
5. Some purchasing requirements related to the symposium and open-air exhibition were done during this period.
6. International symposium organisation was done.
7. Open-air exhibition organisation was done.
8. Two Partner Meeting were organised. One of them after the symposium the other in June 2023 (Attachment-LP-LitOUTer-Partner meetings).

IBEDC (PP2):

1. IBEDC manages and coordinates the project activities in Georgia;
2. IBEDC has prepared and submitted the 7th Progress Report;
2. Procurement plan was updated and submitted to LP;
3. IBEDC staff with stakeholders from Georgia have participated at the International Symposium, the workshop and partner meeting in Trabzon, Turkey;

4. IBEDC have organised Field studies (Beach/coast);
5. IBEDC has successfully completed the second questionnaire,
6. Communication and close cooperation with the project Lead Partner and partners concerning the project milestones, awareness /meetings organization awareness material preparation etc;
7. Expenses related to the activities were done according to the national and PRAG rules.

MN (PP3):

1. Prepared and sent to LP the PR6.
2. Participated at the partner meeting organized in Trabzon during the workshop, in November 2022.
3. Mare Nostrum team communicate with partners about the status of the project.

IO-BAS (PP4):

1. IO-BAS conducted internal management team sessions and coordinated work on project activities. BSNN took part in all partner meetings on project level.
2. PP4 supported the preparation of Addendum 2 and notifications concerning awareness materials and hall and transport rental for meetings with stakeholders
3. IO-BAS prepared and submitted sixth progress report.

NIMRD (PP5):

1. Prepared and sent to LP the PR6 and the clarification for the First interim report.
2. Attending online partner meeting organized by LP in 19 October 2022
3. Attending in person the Steering Comitee meeting organized by LP in Trabzon (Turkey) in November 2022.
4. Communication with the project coordinator and partners concerning the project milestones, awareness/meetings organization, awareness material preparation etc.
5. Updating the procurement plan.
6. Prepared and sent (December 2022) to LP the 2nd Addendum for three months project extension.

BSNN (PP6):

1. BSNN conducted internal management team sessions and coordinated work on project activities. BSNN took part in all partner meetings on project level.
2. BSNN supported the preparation of Addendum 2 and notifications concerning awareness materials and hall and transport rental for meetings with stakeholders
3. BSNN prepared and submitted sixth progress report.

Please describe progress achieved in this reporting period

Activity Number	Activity title		Start month	End month			Status
A.M.1	Establishment management teams and steering committee and meeting with partners		July 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
D.M.1.1	Preparation of project management plan	Project long term and short term activity time table will be prepared by management group of the project	August 2020	1	1	0	Completed
D.M.1.2	Kick-off meeting	Completed with participation of the partner and stakeholders.	September 2020	1	1	0	Completed
D.M.1.3	Meeting with partners	Since the beginning of the project, 14 partner meetings were organised either online or face-to-face. During the period of October 2022-January 2023, two partner meetings were organised (one	December 2022	10	14	2	Proceeding according to the work plan

		face to face and one online meetings).					
Activity Number	Activity title		Start month	End month			Status
A.M.2	Project Reports (progress, interim and Final Reports)		November 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
D.M.2.1	First progress report	The first progress report was prepared and submitted in July-October 2020.	November 2020	1	1	1	Completed
D.M.2.2	Second progress report	The second progress report was prepared and submitted in November 202-February 2021.	Mach 2021	1	1	1	Completed
D.M.2.3	Third progress report	The third progress report was prepared and submitted in March-June 2021.	July 2021	1	1	1	Completed
D.M.2.4	First interim report	Interim consolidated report consisted of narrative and financial report together with first level controller certificate was prepared and submitted.	July 2021	1	1	1	Completed
D.M.2.5	Fourth progress report	The fourth progress report was prepared and submitted in October 2021-January 2022.	February 2022	1	1	1	Completed
D.M.2.6	Fifth progress report	The fifth report was prepared and submitted in February-May 2021.	June 2022	1	1	1	Completed
D.M.2.7	Sixth progress report	The sixth progress report was prepared and submitted in June-September 2022.	October 2022	1	1	1	Completed

D.M.2.9	Seventh progress report	The seventh progress report are preparing for the October 2022-January 2023 period.	February 2023	1	1	1	In progress
D.M.2.9	Final report	The project is extended from December 2022 to 31 March 2023. The final report will consist of narrative and financial with financial audit certificate. This will contain the information provided in the last progress reports and adding the new ones, stating the progress of the project, the activities performed and the indicators fulfilled. The final report will consist of all activities outputs and their scientifically, socially analysed results.	March 2023	1			Not started
Activity Number	Activity title		Start month	End month			Status
A.M.3	Financial auditing/implementation of the project budget by external expert and internal staff		July 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
D.M.3.1	Financial auditing services	Project budget will be spent according to the national and EU rules. Each partner has its own audit, who is certificated, will be responsible to control and verify the expenditures included in the financial report.	March 2023	2	1	0	Proceeding according to the work plan
Activity Number	Activity title		Start month	End month			Status

A.M.4	Procurement activity of the project		July 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
D.M.4.1	Procurement plan	The Applicant will compile a procurement plan that will indicate the goods or services that will be contracted, the procedure applied, the estimated amounts and dates for launching and closing the procedure.	March 2023		6	1	Proceeding according to the work plan

Work Package Implementation T.1 State of art of marine litter pollution in partner countries

- Copy and repeat the table Work Package Implementation as needed, in accordance with the activities set out in the Application Form-

WP number	WP title	WP start date	WP end date	WP status (not started/proceeding according to the work plan/delayed/completed)			
T.1	State of art of marine litter pollution in partner countries	Aug 2020	Nov 2020	Completed			
Partners` involvement. Please describe the progress in this reporting period and explain how were partners involved and who did what:							
Please describe progress achieved in this reporting period							
Activity Number	Activity title	Start month	End month	Status			
Activity T.1.1.	Gathering information on legislation and measures on marine litter pollution	August 2020	November 2020	Completed			
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status

Deliverable T.1.1.1	Report on state of art of marine litters and legal status in the partner countries		November 2020	4	4	4	Completed
Activity Number	Activity title		Start month	End month			Status
Activity T.1.2.	Determination of habits/traditions/culture on the marine litter problem in local/national level		August 2020	November 2020			Completed
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.1.2.1	Reaction of the public on litter and litter problems		November 2020	4	4	4	Completed

Work Package INVESTMENT T.2 Awareness methodology for marine litters

-Copy and repeat the table Work Package Investment as needed, in accordance with the activities set out in the Application Form-

WP number	WP title	WP start date	WP end date	WP status (not started/proceeding according to the work plan/delayed/completed)
T.2	Awareness methodology for marine litters	August 2020	March 2023	Proceeding according to the work plan

Partners` involvement. Please describe the progress in this reporting period and explain how were partners involved and who did what:

1. Personal communication - public meetings/debates with community members, fishermen, villagers, housewives etc. - what is marine litter, why there is a need to reduce it and importance of being aware of the consequences for the environment, its impacts on human health and local economy, what are the benefits of reducing waste, proper disposal of waste, reduced use of plastics, separate collection of plastics etc.

2. Structured training programs - for schools, administrations, maritime and other businesses, public beneficiaries, environmental NGOs etc. (topics like: sources and pathways of marine litter, linking marine litter with public waste management, consumer behaviour, management practices, national regulations, regional policies, the Marine Strategy Framework Directive MSFD and the Maritime Spatial Planning Directive of EU; marine protected areas; the ecosystem approach in practice; linking the Regional Seas Conventions to production of the Black Sea Marine Litter Regional Action Plan etc.)

3. Web based resources - Articles, project database, maps, handbooks

4. Media/Social media publications - Mass media interviews and articles in newspapers, magazines and electronic publications accessible via the Internet; social media campaigns, profiles

5. Strategic partnerships and alliances - Transfer of knowledge/experience to decision makers on all levels from local to regional - advocacy activities where appropriate

6. Pilot demonstration activities - Trawling for marine litter and creation of GIS model for mapping the dispersal of litter and litter movements, practical activities performed by the scientific institutes for demonstration and awareness campaigns with stakeholder groups
The partners are free to make their choice according to the specific circumstances.

Other partners (KTU, MN, IO-BAS, IBEDC and NIMRD) will translate prepared questionnaire in their mother language. In the project, some activities are continuing country base such as translation, questionnaire, etc. At that time, two partners (IO-BAS and BSNN (Bulgaria); NIMRD and MN (Romania)) work together sharing the activities. For example, BSNN prepared questionnaire in Bulgarian and English languages and IO-BAS did not need extra translation and also one of the Romanian partners translated the questionnaire but not the other. They are working together under the consensus.

LP (PP1):

All planned activities were completed under the GAT2 by LP.

1. All planned activities were completed under the GAT2 by LP.
2. The number of the organisation and the number of participants that were determined in the project were reached.
3. The second questionnaire (DT.2.1.2.) was completed. Over 750 questionnaire were completed by participants. The second survey was sent to the responsible partner (PP6 (BSNN) (Attachment-LP-Questionnaire report).
4. 10 local meeting/seminar (DT.2.2.1) were organised during the project period.
5. The last workshop (DT.2.2.2) was organised in Trabzon on 3-4 December 2022 (Attachment-LP-Workshop-2 all documents).
6. International symposium (DT.2.2.3) was organised in Trabzon on 31 October-2 December 2022 participating over 200 participants (Attachment-LP-Symposium all files).
7. Already produced awareness materials for children were disseminated to the children in the open-air exhibition (DT.2.3.2.)
8. Open-air exhibition (DT.2.4.1.) were organised in the Trabzon city center on 11-12 November 2022. The number of participants were over 650 (Attachment-Open-air exhibition minutes; Attachment-LP-Openair list1; Attachment-LP-Openair List2; Attachment-LP-Openair List3;

Attachment-LP-Openair photo).

IBEDC (PP2):

1. The second questionnaire (DT.2.1.2.) was completed. Over 893 questionnaires were completed by participants. The second survey was sent to the responsible partner (PP6 (BSNN) (Attachment-LP-Questionnaire report));
2. IBEDC team with stakeholders from Georgia have participated at the International Symposium, with presentations, arranged meeting between Georgian and Turkish stakeholders and discussion moderation;
3. IBEDC project team have participated at the workshop and partner meeting in Trabzon, Turkey November 3-4, 2022;
4. IBEDC has organized 2 meetings with the stakeholders from the tourism sector and in Khelvachauri Municipality;
5. IBEDC has successfully finalized the second questionnaire, prepared the reports for different target groups and sent to the responsible partner PP6 (BSNN); IBEDC have conducted the second questionnaire for 4 different target groups:
 - 1) Online questionnaire was provided from the link sent by BSNN and 232 Stakeholders and professionals were responded;
 - 2) Short questionnaire for schools-366 schoolchildren responded;
 - 3) Short questionnaire for population/housewives-265 responded;
 - 4) Short questionnaire for Fishermen-30 responded.

It should be noted that totally, At first stage of questionnaire were involved 808 respondents but the second stage of questionnaire were more 893 respondents.

MN (PP3):

1. Mare Nostrum Team participated at the Symposium organized in Trabzon, 31 October-2 November 2022, with presentation, posters, and discussion moderation. Anca Panait participate with a presentation about "Stakeholders' trainings for Raising Public Awareness and Reducing Marine Litter in the Black Sea- LitOUTer Trainings", Angelica Paiu with a poster about marine litter situation and was part of the coordination committee, Marian Paiu was part of the science and advisory board and, also moderate one group discussion during the symposium, but also participated with posters together with Costin Timofte and Mare Nostrum Team (Attach.MN-D.T.2.2.3. Symposium-Trabzon)
2. Mare Nostrum Team participated at the Workshop organized in Trabzon, 3-4 November 2022. This time we invited 1 Romanian stakeholder which participated at several activities during the project, Angelica Curlișcă, from Constanța Dolphinarium (Attach.MN-D.T.2.2.2 Workshop-Trabzon)
3. Had 1 meeting with stakeholders from Vadu community. The discussions focused on the current situation of the waste in the area, but also how future activities can be carried out in the area, with the aim of increasing the level of awareness regarding the problem of marine litter and the importance of the area and its protection. This meeting took place in the last day of period included in PR6, but by mistake was not reported in PR6. ((Attach.MN-D.T.2.2.1. Meeting 22.09.2022-Vadu)
4. Applied and centralized the second round of questionnaires. In total Mare Nostrum applied:
 - short questionnaire for stakeholders - 2nd survey - 145 responses (70 online in Google form and 75 physically, face to face) - the survey was

applied in both ways, due to the fact that some of the activities (trainings, workshop) were developed and attended by stakeholders from other parts of the countries, and to have face to face meeting with them for the questionnaire was not possible. For them the questionnaire was uploaded in a google form also and sent to them. The rest of questionnaire were applied face to face, in coastal area, respondents being teachers, authorities, fishermen's, citizens, NGO representatives, persons that joined at trainings, workshop, beach survey and clean-up or other activities under the project.

5. Second survey for schools - 227 responses (57 online in Google form and 170 physically, face to face) - the survey was applied in both ways, due to the fact that some of the activities (trainings) were developed and attended by children from other parts of the countries (Calarasi, Bran, Bucharest, etc), and to have face to face meeting with them for the questionnaire was not possible. Respondents of the survey were preponderant children's that attended the trainings or the ones that were involved in different activities related to marine litter, by their teachers which participated also at project activities.

6. Online questionnaire was provided from the link sent by BSNN, translated, and disseminated - around 50 responses

7. 4 persons participated at the workshop in Trabzon, with presentation, posters, moderation, part of the advisory board and coordination committee

IO-BAS (PP4):

1. Took part in the International Symposium on Marine Litter in the Black Sea, held 31.10 - 02.11.2022 in Trabzon, Turkey and in the Project Workshop 3-4.12.2022; IO-BAS ensured 3 stakeholders to the meeting; Presentation on the activity were provided.

2. IO-BAS and partners worked on the second round of questionnaires for the second survey and finalized it in the reporting period.

3. IO-BAS organised and held an Open-air exhibition in Varna, in front of Aquarium-VARNA October 2022; as planned the team disseminated awareness materials (Attach.-IO-BAS-Open_air_exhibition).

4. IO-BAS has planned and started market research on the production of the following awareness materials: "Awareness materials" (Roll-up, brochures/leaflets, banners, 3 types of photographs, poster, flags, T-shirt/hat) expenses.

Under D.T.2.3.2 and in the activity description A.T.2.3: Photographs: 500 photographs with pictograms displaying marine litter items in the sea; 500 photographs with pictograms displaying marine litter accumulation and hot spots; 500 photographs for quiz awards, etc.; 250 flags; 200 T-shirts;

5. Training courses under GA 4.2.1. 6 courses with 253 trainees total-target achieved;

6. Under D.T.2.2.1. target 10 meetings, fulfilled: 5 with 50 participants;

7. Under D.T.4.2.1. target 5 meeting, fulfilled 6 with total number of 253 participants;

Under D.T.4.3.1. target 10 meeting 50 persons each - fulfilled: 4 with 200 participants;

NIMRD (PP5):

1. NIMRD contributed to the generation of the most planned awareness materials for children consisted mainly into visual materials (toys, play cards, animation film/cartoon, t-shirts and hats), as well as the published press documents (banners, roll-ups, leaflets, posters and stickers) to be distributed to the stakeholders and to be used in each project activity (e.g., meetings, field studies, and workshop). The other materials started to

be designed and their production will be completed in next coming months:

2. Two (2) banners, one special banner for clean-up activity, fifty (50) stickers, one (1) roll-up, 1250 leaflets, and 100 posters.
3. Awareness materials for children consisting in 95 t-shirts and 95 hats were prepared.

BSNN (PP6):

1. Took part in the International Symposium on Marine Litter in the Black Sea, held 31.10 - 02.11.2022 in Trabzon, Turkey and in the Project Workshop 3-4.12.2022; BSNN ensured 4 presentations - 3 in person (2 team members and 1 stakeholder) and 1 online of scientist stakeholder.
2. BSNN and partners worked on the second round of questionnaires for the second survey and finalized it in the reporting period.
3. BSNN organised and held an Open-air exhibition in Burgas, on the southern coast on 16 -17.11.2022; as planned the team disseminated awareness materials.
4. BSNN planned second series of awareness materials, had it approved by JTS as exact types and numbers and completed the production of the following awareness materials: pictures and infographics of marine litter in the sea, double-sided 500 items; pictures and infographics with marine litter pathways, double-sided 500 items; pictures for awards, single-sided 500 items ; paper banners for October 31, 300 items; flags double-sided printing, 250 items (pictures of the new series of awareness materials attached; also shown on other pictures at trainings); those awareness materials are to be used in awareness, training and dissemination activities.
5. BSNN held a number of meetings under D 2.2.1 with representatives of stakeholders under GA2 to increase awareness and involve more representatives of the target groups in current project and also in view of follow up activities. Those were as follows: 6 meetings in places on both the northern and the southern coast (1 meeting in Malko Turnovo, southern coast 24.11.2022 - 8 participants, focus on plastic waste reduction; 1 meeting with church community leaders at the St. Procopius of Varna Church, 25.11. 2022 - 6 participants, focus on Sunday school and church community training and involvement; 1 meeting in Burgas 16.12.2022 - 8 participants from administrations, focus on plastic waste reduction; 1 meeting in Varna 21.12.2022 - 10 participants, focus on waste reduction, circularity and follow up of project, 1 meeting in Varna on 22.12.2022 with leaders of Muslim community at district muftiship - 4 participants, focus on awareness in future activities for children, students, housewives; 1 meeting in Varna on 20.01.2022 - 4 participants, teachers working on Erasmus + project for ocean literacy, training on circularity and awareness products of LitOUTer; focus on future trainings with students and follow up)
6. Numbers D.T.2.2.1 - (target 10 trainings/100 participants; achieved 12 meetings/122 participants)
7. In current reporting period - 6 trainings/40 participants; total 12 trainings/122 participants

Please describe progress achieved in this reporting period				
Activity Number	Activity title	Start month	End month	Status
Activity T.2.1.	Organising questionnaire surveys	October 2020	October 2022	Completed

Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.2.1.1	First questionnaire survey (at 4 countries)	<p>First questionnaire will be carried out in the first quarter of the project and analysed in three months. The outputs will be used to understand the level of perception and local problems concerning their settlement area. The number of people targeted within this activity is about 2000 persons (500 for each partner country, 250 for each partner in RO and BG).</p> <p>The consolidated report was prepared by responsible partner, BSNN, to LP. (See BSNN-CONSO. Question. REP.D.T21.1.1)</p>	March 2021	6	6	6	Completed
Deliverable T.2.1.2	Second questionnaire survey (in each country)	<p>Second questionnaire survey is under way to be finalised in last quarter of the project and its results will be announced in the final reports and symposium. The second one aims to measure the level of the success and improvement of their awareness towards litter pollution, separation, recycling and increasing their attention to their environment after training sessions.</p> <p>The number of people targeted is</p>	October 2022	6	6	6	Completed

		<p>to reach about 2000 persons (500 for each partner country, 250 for each partners in RO and BG).</p> <p>The second questionnaire was disseminated to all partner countries' stakeholders but the evaluation in each partner and project-based evaluation did not finalise yet.</p> <p>2nd report to be discussed by partners in March 2023 in view of possible publication.</p>					
Please describe progress achieved in this reporting period							
Activity Number	Activity title		Start month	End month			Status
Activity T.2.2.	Meetings/seminars and workshops for raising awareness and dissemination of project outputs		October 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable D.T2.2.1.	Local meetings/seminars for stakeholders	During the project, 10 meetings/seminars (in each partner) will be organised. The number of participants will be about 10 persons for each meeting. The aim of this activities will be raising awareness as much as possible.	October 2022	60	37	16	Proceeding according to the work plan

		<p>LP: Completed</p> <p>IBEDC: 2 meetings with 25 stakeholders</p> <p>MN: 1 meeting with 24 persons</p> <p>IO-BAS: Completed</p> <p>MINRD: 9 local meeting/seminars were organized in the reported period involving about 10 persons per each meeting, mainly belonging to local decision-makers and heads of the organizations, with the aim to raise awareness on the marine litter pollution.</p> <p>BSNN: 6 meetings were organised. The participant number was 40.</p>					
Deliverable D.T2.2.2.	Workshops	<p>LP: The second workshop was organised in Trabzon at 3-4 November 2022. Over 30 participants were joint. The invitation letter, agenda, minutes, participant list and photographs from the activities were submitted as an attachment.</p> <p>IBEDC: Participated</p> <p>MN: Participated</p>	September 2022	8	7	1	Completed

		<p>IO-BAS: Participated</p> <p>MINRD: Participated</p> <p>BSNN: Participated</p>					
Deliverable D.T2.2.3.	Symposium organisation	<p>At the end of the project in 2022, an international symposium (3 days) will be organised. Travel and accommodation costs of 3 invited speakers will be covered. The expenses of the participants (lunches and coffee breaks) will be covered from the budget of LP. 200 invitation letters will be sent in national and international stakeholders. The most successful village/locality/settlement unit will be selected according to the results of the project. A field trip will be paid to this village at the last day.</p> <p>The preparation for the international symposium will be held in Trabzon is started. Preliminary programme, invitation letters, committees were completed.</p> <p>LP: International LitOUTer Symposium is called “MARINE LITTER IN THE BLACK SEA: ECOLOGICAL AND SOCIO-ECONOMIC PROBLEMS” was</p>	October 2022	1	1	1	Completed

		<p>organised in Trabzon on 31 October-2 November 2022. Over 250 participants were joint in this activity. The details of the activity invitation letter, agenda, minutes, photos, participant lists were submitted as an attachments.</p> <p>IBEDC: Participated and gave oral presentation and poster</p> <p>MN: Participated and gave oral presentation and poster</p> <p>IO-BAS: Participated and gave oral presentation and poster</p> <p>MINRD: Participated and gave oral presentation and poster</p> <p>BSNN: Participated and gave oral presentation and poster</p>					
Activity Number	Activity title		Start month	End month			Status
Activity T.2.3.	Preparation and purchasing of audio/visual and printed awareness materials		August 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.2.3.1	Preparation of other awareness materials for	The number of awareness materials organised as 4 groups such as animation (1), toys	May 2021	4 (Groups) 1.1 2.2000	1.1 2.2000	1.completed 2.completed	Completed

	children.	<p>(2000), playcards(10000), T-shirt/hat (1000). The selection and design of these materials will be prepared by project team but technical part will be purchased from professional team. These awareness materials will be prepared in Turkey and they will send to partner countries. Toys, play cards, T-shirts/hats, animation film/cartoon will be the main visual materials for children and youth stakeholders for awareness of the litter problem. The amount of required pieces, shapes, content of these materials will be analysed in detailed.</p> <p>LP: Completed</p> <p>IBEDC: The remained raise awareness materials were disseminated.</p> <p>MN: Completed. Disseminated remaining materials to the stakeholders</p> <p>IO-BAS: Ongoing</p> <p>NIMRD: On going</p> <p>BSNN: Completed</p>		3.10000 4.1150	3.10000 4.795	3.completed 4. Completed	
--	-----------	---	--	-------------------	------------------	-----------------------------	--

<p>Deliverable T.2.3.2</p>	<p>Preparation and published of the press documents</p>	<p>Preparation of the published documents were evaluated as 6 groups. All printed material will be prepared county specific languages and in English. The content of the brochures and leaflet will be prepared by project teams. These materials will consist of general terms of the marine litter pollution, problems and the project targets and expected outputs. These materials will be published and disseminated during the project. Leaflets/brochures, roll-ups/ banners, photography, posters, flags, are the main items considered.</p> <ol style="list-style-type: none"> 1. Banner/Roll-up:21 (3 for each partner and 3 for symposium) 2. Leaflet/brochures: 2500 for each country (10000 in total) 3. Posters: 100 for each partner (600 in total) 4. Photographs (no limit): Under this issue digital photo-catalog produced 5. Flag 6. Stickers for equipment buying in the project <p>LP: Completed</p> <p>IBEDC: Completed</p>	<p>May 2021</p>	<p>6 (Groups) 1:21 2:10000 3:600 4: digital catalog 5.Flag 6.Sticker</p>	<p>1:4 2:3210 3:75 4:0</p>	<p>1:21 2:10000 3:600 4: digital catalog</p>	<p>Completed</p>
--------------------------------	---	--	-----------------	--	--	--	------------------

		<p>MN: Completed</p> <p>IO-BAS: Ongoing</p> <p>MINRD: NIMRD contributed to the generation of the published press documents (banners, roll-ups, leaflets, posters and stickers) to be distributed to the stakeholders and to be used in each project activity (e.g., meetings, field studies, and workshop). The other materials (e.g., flags) started to be designed and their production will be completed in next coming months.</p> <p>BSNN: Preparation of the published documents were evaluated as 6 groups. All printed material will be prepared county specific languages and in English. The content of the brochures and leaflet will be prepared by project teams. These materials will consist of general terms of the marine litter pollution, problems and the project targets and expected outputs. These materials will be published and disseminated during the project. Leaflets/brochures, roll-ups/ banners, photography, posters,</p>					
--	--	---	--	--	--	--	--

		flags, are the main items considered. 1st series produced and disseminated -leaflets, brochures, 3 roll-ups, 100 posters, ; in current period 2nd series produced: pictures and infographics of marine litter in the sea, double-sided 500 items; pictures and infographics with marine litter pathways, double-sided 500 items; pictures for awards, single-sided 500 items ; paper banners for October 31, 300 items; small flags double-sided printing, 250 items (500+500+500+300+250 =2050 items)					
Activity Number	Activity title		Start month	End month			Status
Activity T.2.4.	Open air exhibition		March 2022	July 2022			Not Started
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.2.4.1	Open-air exhibition	The open-air exhibition will be performed in each partner for 2 days. Each partner will organise one open-air exhibition. During these activities, the plan will be reached to about 1500 persons who will be from local citizens, tourists, children etc. LP: Open-air exhibition was organised on 11-12 November	July 2022	6	3	3	Completed

		<p>2022.Over 650 visitors were visit the exhibition in the city centre of the Trabzon.</p> <p>IBEDC: Completed</p> <p>MN: Completed</p> <p>IO-BAS: Completed</p> <p>NIMRD: Completed</p> <p>BSNN: 1 Open air exhibition in Burgas 16-17.11.2022 - covered by media, social media</p>					
--	--	---	--	--	--	--	--

Work Package INVESTMENT T.3 Demonstration model for mapping of disperse/diverse of the marine litters and future trends

-Copy and repeat the table Work Package Investment as needed, in accordance with the activities set out in the Application Form-

WP number	WP title	WP start date	WP end date	WP status (not started/proceeding according to the work plan/delayed/completed)
T.3	Demonstration model for mapping of disperse/diverse of the marine litters and future trends	January 2021	January 2022	Proceeding according to the work plan

Partners` involvement. Please describe the progress in this reporting period and explain how were partners involved and who did what:

LP: The Litter transportation scenarios and its related report was completed. The report consisted of the the selected areas information, the map of the scenarios and model output of the scenarios (Attachment-LitOUTer-Modeling Report).

IO-BAS and LP will organize cruise. IO-BAS will assess and collect marine litter items on the surface and on the sea bed to identify litter accumulation areas. A workshop will be organized for training of Project team in hydrodynamic modelling applications and different scenarios will be examined by using this model/GIS application assessing the risks and rising public awareness.

PP6 - though not directly involved - is keen on dissemination of information about this activity associated with open data and their use for awareness purposes identifying strong synergies with ongoing BSB 138 MARLITER marlite.bsnn.org and its ICT tool.

Please describe progress achieved in this reporting period

Activity Number	Activity title		Start month	End month			Status
Activity T.3.1	Experimental awareness activities by field studies		April 2021	October 2021			Not started
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.3.1.1	In-situ training in the sea	Stakeholders training activities will be done in the sea on the boat (R/V DENAR-1 and other research vessel from partner IO-BASS, Bulgaria)). Sea water current, physical parameters will be measured in-situ by responsible for package. Litters will be collected from bottoms and surface by using some fishing tools such as dredges, and other nets. LP: One insitu straining in the sea at Trabzon coastal area will be organised on March 2023.	October 2021	2	1	0	Proceeding according to the work plan

Please describe progress achieved in this reporting period

Activity Number	Activity title		Start month	End month			Status
-----------------	----------------	--	-------------	-----------	--	--	--------

Activity T.3.2	Production of scenarios for raising awareness by using GIS based map module		January 2021	January 2022			Not started
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.3.2.1	Litter transportation scenarios	<p>There will be many different scenarios based on different variable such as litter accumulation areas under different environmental factors i.e. wind speed and direction, current direction, salinity and temperature, density.</p> <p>Number of scenarios (will change according to wind, litter types/amount, current, area etc., for determination of the litter movement for each country will be approximately 25. The number of scenarios will increase to requirements.</p> <p>The scenarios were prepared and submitted in the project website (https://litouterproject.eu/model/index.html.)</p> <p>LP: Litter transportation scenarios related final report was completed.</p>	January 2022	100	100		Completed
Deliverable T.3.2.2	A Workshop for training of the	As it is explained in management GA section, this training will be	October 2021	1	1	0	Completed

	partners and selected stakeholders experts on hydrodynamic model/GIS based mapping software	<p>conducted in the last workshop in Trabzon. Candidates for training will be selected by each of the partners from their teams. Training activities will be open for two experts. This training activities will be done as a workshop in Turkey.</p> <p>The workshop related to the modelling was organised in the previous period with the partners and stakeholder participation.</p>					
--	---	--	--	--	--	--	--

Work Package INVESTMENT T.4 Training of stakeholders (legal authorities, housewives, students, sailors, fishermen, villagers, citizens

-Copy and repeat the table Work Package Investment as needed, in accordance with the activities set out in the Application Form-

WP number	WP title	WP start date	WP end date	WP status (not started/proceeding according to the work plan/delayed/completed)
T.4	Training of stakeholders (legal authorities, housewives, students, sailors, fishermen, villagers, citizens	Oct 2020	March 2023	Proceeding according to the work plan

Partners` involvement. Please describe the progress in this reporting period and explain how were partners involved and who did what:

Under this GAT4- each partner` activities were listed below;

LP (PP1):

1. LP was organised all activities related to this GA in the previous periods. There will be two more activities were organised in the extension period.

D.T.4.3.1: Completed

D.T.4.2.1: Completed

IBEDC (PP2):

D.T.4.3.1: Completed

D.T.4.2.1: Completed

GA 4. IBEDC have organised Field studies (Beach/coast) with engagement of students from Batumi State Maritime Academy and Batumi State University. Marine litter monitoring studies on the beach were contributing to the process of seeing the situation on Georgian beaches according to the certain methodology.

MN (PP3):

1. Organized 4 trainings - 2 for students/children's from Steajaru (45 participants) and Jurilovca Schools (49 participants) from Tulcea county and 2 for adults, teachers from Tulcea county (27 participants) and teachers and students from Constanta (40 participants). We used the toys and the animation made in the project to present the impact of marine litter on Black Sea species. Participants had the opportunity to find out information about marine litter. The fact that the open-air exhibition organized in July, by Mare Nostrum, in Tulcea, raised the interest of the teachers from there and they asked for some activities related to marine litter (Attach.MN-D.T.4. MareNostrum trainings Oct-Nov 2022).

IO-BAS (PP4):

D.T.4.3.1: 1 training of tourist branch, general public- 56 trainees 31.01.2023; target 250, achieved 200, for current period 56

MINRD (PP5):

1. These activities have been postponed to the next period of the project implementation; additional 3 training of the stakeholders (Children, Local authorities, National/local decision-makers) to raise awareness were planned to be organized starting on July 2022.

BSNN (PP6):

1. D.T.4.2.1 - 1 training with Sunday school at the St. Prokopii of Varna Church (1 training on 27.11.2022 - 10 children)
2. D.T.4.2.1 - (target 250/5 achieved 293/8) current period- report 7: 1 training/10 participants
3. D.T.4.3.1 - 5 trainings (1 for northern coast, 22.10.2022 - 49 participants; 1 for southern coast in Burgas, 24.11.2022 - 22 participants; 1 in Byala, northern coast, 11.12.2022 - 18 participants; 1 for southern area Sozopol, Sredetz, Malko Turnovo etc., 12.12.2022 - 45 participants; 1 for southern area Tsarevo, Primorsko, Ahtopol etc., 14.12.2022 - 45 participants)
4. D.T.4.3.1 - target 10 meetings/250 participants, achieved 13 meetings/392 participants current period 5 trainings/179 participants
5. Field study - outdoor training activity - GA4.3.1 - 22.10.2022 with training on the use of app for beach litter monitoring ML Watch, monitoring for beach litter, beach cleaning and practical training activities - 54 participants.
6. The Field study (22.10.2022) numbers can be added to the training activities numbers in D.C.4.3.1 so that we can report 14 trainings and 446 participants. More trainings will be held by PP6 BSNN in line with agreement with other partners about numbers to be achieved as project indicators.

Please describe progress achieved in this reporting period

Activity Number	Activity title		Start month	End month			Status
Activity T.4.2	Training of children/ students/young people about reducing marine litter pollution		October 2020	May 2022			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.4.2.1	Local meetings, school visits, and other activities	<p>LP: Completed</p> <p>IBEDC: Completed</p> <p>MN: Organized 4 training, during which 161 persons learn about marine litter.</p>	May 2022	40	37	8	Proceeding according to the work plan

		<p>IO-BAS:</p> <p>MINRD: Three of five school visits were achieved in this report: Three local schools (National Pedagogical College Constantin Brătescu - Colegiul Național Pedagogic Constantin Brătescu Constanța; Decebal High School - Liceul Teoretic Decebal Constanta; High School Lucian Blaga - Liceul Teoretic „Lucian Blaga” Constanța)</p> <p>BSNN: BSNN D.T.4.2.1 - 1 training with Sunday school at the St. Prokopii of Varna Church (1 training on 27.11.2022 - 10 children). D.T.4.2.1 - (target 250/5 achieved 293/8).</p>					
Activity Number	Activity title		Start month	End month			Status
Activity T.4.3	Organisation of training programs for raising awareness of adults, such as villagers housewives, fishermen, imams/priests, local citizens, local school teachers in the local areas.		November 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable T.4.3.1	Training activities for local people and decision makers	LP: Planned activities were completed. Two more activities are left in the extension period.	November 2022	60	52	12	Proceeding according to the work plan

		<p>IBEDC: Completed</p> <p>MN: Completed</p> <p>IO-BAS: D.T.4.3.1. 1 training course with 56 trainees held 31.01.2023</p> <p>MINRD: The remaining six training activities were organized: three for university students and three for local school teachers: Local young people/university students (3 activities) - (170 students) - Training; and Local school teachers (3 activities) with participation 40 persons-Training</p> <p>BSNN: D.T.4.3.1 - 5 trainings (1 for northern coast, 22.10.2022 - 49 participants; 1 for southern coast in Burgas, 24.11.2022 - 22 participants; 1 in Byala, northern coast, 11.12.2022 - 18 participants; 1 for southern area Sozopol, Sredetz, Malko Turnovo etc., 12.12.2022 - 45 participants; 1 for southern area Tsarevo, Primorsko, Ahtopol etc., 14.12.2022 - 45 participants)</p>					
--	--	--	--	--	--	--	--

		<p>Numbers D.T.4.3.1 - target 10 meetings/250 participants, achieved 13 meetings/392 participants current period 5 trainings/179 participants.</p> <p>Field study - outdoor training activity - GA4.3.1 - 22.10.2022 with training on the use of app for beach litter monitoring ML Watch, monitoring for beach litter, beach cleaning and practical training activities - 54 participants.</p> <p>The Field study numbers can be added to the training activities numbers in D.C.4.3.1 so that we can report 14 trainings and 446 participants. More trainings will be held by PP6 BSNN in line with agreement with other partners about numbers to be achieved as project indicators.</p>					
--	--	---	--	--	--	--	--

Work Package COMMUNICATION

WP number	WP title	WP start date	WP end date	WP status (not started/proceeding according to the work plan/delayed/ completed)
C	Communication	Jul 2020	March 2023	Proceeding according to the work plan

Partners` involvement. Please describe the progress in this reporting period and explain how were partners involved and who did what:

LP (PP1):

1. Symposium book is prepared and submitted on the project website. www.litouterprojecteu.com (Attachment-LP_project website outputs).
2. Symposium activity and ope-air activity were announced on the websites, social media accounts and local TV and news.
 - a) <https://www.gunhaber.com.tr/haber/Trabzon-da-Karadeniz-e-atilan-coplerden-sergi/510240>
 - b) <https://biking4biodiversity.org/one-world-one-water-and-one-chance-to-safeguard-it/>
 - c) <https://www.gunhaber.com.tr/haber/Trabzon-da-Karadeniz-e-atilan-coplerden-sergi/510240>
 - d) <https://padlet.com/litoutereu/marine-litter-symposium-4bo40yilqf9o91dl>
 - e) <http://www.bsec-bsvkc.org/Forms/Event/eventDetails?targetID=2175>
 - f) <https://www.ozgurdersim.com/trabzon-deniz-coplerini-konu-alan-atma-temali-sergi-acildi>
 - g) <https://www.haber61.net/trabzonda-deniz-coplerini-konu-alan-atma-temali-sergi-acildi>
 - h) https://www.konhaber.com/guncel/trabzon_da_deniz_coplerini_konu_alan_atma_temali_sergi_acildi-1871370h
 - i) <https://www.gunebakis.com.tr/haber/12845842/plastik-sayisi-balik-sayisini-gecti>
 - j) <https://www.ahaber.com.tr/video/yasam-videolari/karadeniz-nasil-kirlendi-kirlilik-nasil-onlenecek>
3. During the project implementation period, there were many dissemination activities other than project duties (Attachment- LP Disseminations). These are;
 - a) Invitation to the Black Sea CONNECT Marine Litter Action Forum (Attachment-LitOUTer -Dissemination), online Türkiye (November 2022)
 - b) Under the ERASMUS activity, the awareness training meeting was organised in the CUDIBEY Middle School . Türkiye (Attachment-LitOUTer - Dissemination) (October 2022)
 - c) National symposium in Türkiye called “5. National Marine Science Conference (1-3 JUne 2023)
 - d) National DEN-İZ-Conference, Türkiye (December 2022)
 - e) MARBLUE Conference, Romania, (October 2022)

IBEDC (PP2):

1. Website: <http://ibedc.ge/>

MN (PP3):

1. Social media activities: disseminated the project activities in social media (5 posts), especially the information related to the trainings and project symposium.
2. Also, the project information was disseminated through the exhibition created for the open-air exhibition. After the two days of open-air exhibition, the Ecotourism Museum Center "Danube Delta" - Aquarium TULCEA, hosted this exhibition till mid of November. In this way over 30200 persons that visited the Museum Center, according to the info provided by the museum based on the tickets sold, had the opportunity to see the exhibition and learn more about marine litter.

IO-BAS (PP4):

1. Communicated regularly with LP and PPs via email, WhatsApp, phone, zoom etc.
2. <https://www.ifrvarna.com/index.php/bg/2020-11-21-18-14-12/2021-02-02-09-47-46>

<https://www.facebook.com/photo/?fbid=8426582220717412&set=a.569902553052124>

https://www.facebook.com/permalink.php?story_fbid=pfbid02PeU7LWkcibFuVVB6XAU6KZW49LN8HzB2fSGzubPuoqwFtyrJBmfycmB6WFG2nr4Yl&id=100000971522243

<http://io-bas.bg/2022/10/18/%d0%bc%d0%b5%d0%b6%d0%b4%d1%83%d0%bd%d0%b0%d1%80%d0%be%d0%b4%d0%b5%d0%bd-%d1%81%d0%b8%d0%bc%d0%bf%d0%be%d0%b7%d0%b8%d1%83%d0%bc-%d0%bd%d0%b0-%d1%82%d0%b5%d0%bc%d0%b0-%d0%bc%d0%be%d1%80%d1%81%d0%ba/>

<http://io-bas.bg/2022/10/17/%d0%bf%d0%be%d0%ba%d0%b0%d0%bd%d0%b0-%d0%b7%d0%b0-%d0%>

https://www.bsbd.org/v2/bg/page_7979868.html

3. n/a
4. <https://www.maritime.bg/88215/>

5. **Open air exhibition Varna (2 days) 19-20.10.2022 :**

<https://www.facebook.com/photo/?fbid=8426582220717412&set=a.569902553052124>

https://www.facebook.com/permalink.php?story_fbid=pfbid02PeU7LWkcibFuVVB6XAU6KZW49LN8HzB2fSGzubPuoqwFtyrJBmfycmB6WFG2nr4Yl&id=100000971522243

MINRD (PP5):

1. Partner communication:

There was a good cooperation between PP5 (NIMRD) the LP and the other project partners for solving any issues raised and for successfully completing of the project purposes. The main communication tools are: e-mail telephone, WhatsApp, zoom online platform.

2. Web site and social media activities:

- Three (3) up-to-date news/social media activities on the Facebook institutional page of NIMRD (<https://www.facebook.com/INCDM>)

- Attending in person the International Symposium organized in Trabzon, Turkey during 31 October - 2 November 2022 by Coordinator (<https://www.facebook.com/INCDM/posts/pfbid032jUDd2Na3eRbg4PDPVFokRwZpSHJqc3tNjJXmt5FnRr8rhYnDv8a4M79vXqzKQ1Ml>)
- Attending in person the Workshop organized in in Trabzon, Turkey during 03-04 November 2022 by Coordinator (<https://www.facebook.com/INCDM/posts/pfbid03jMTStBSwnc3MvD7hm8AUiaX7LbRXTZimnyPK2BNwQVSDXHsQb7RpofQcuGkgsjJl>)
- Organizing beach clean-up activity (Field study) with school students from Decebal High School - Liceul Teoretic Decebal Constanta, 21 December 2022 (<https://www.facebook.com/INCDM/posts/pfbid02ApCc66bS3Gyd7tRaTJqcx6zz3nD7a1iypyQKtdJpuspXRKUEpDUA86rrbbJaoP8l>)

- One (1) up-to-date news about the LitOUTer visit organized by NIMRD on the Facebook institutional page of the National Environmental Guard - County Commission (Garda Națională de Mediu - Comisariatul Județean)

(https://m.facebook.com/story.php?story_fbid=pfbid0rJJNgZzfVziT7KSSXtJuPDiBESTckGNdepVaCMK9bWukEZmD6a3sfSaZt65akT1Ul&id=1)

3. TV programme(s) and local and national news:

4. Press materials:

Two Press releases issued by PP5 (NIMRD):

5. Publication of project outputs:

- 4 oral presentation with NIMRD as principal and co-authors at the „ *International Symposium on Marine Litter in the Black Sea: Ecological and Socio-Economic Problems*, organized by LP in Trabzon, Turkey, during 31 October-2 November 2022

- 1 national newsletter article: in the official page of the Internal informative Bulletin of the Romanian Ministry of Research, Innovation and Digitization <https://www.research.gov.ro/wp-content/uploads/2023/01/Newsletter-MCID-No.-58.pdf>

See PP5 NIMRD communication activities - summary below:

BSNN:

BSNN as described in the summary section, proof attached:

1. Partner communication: Communicated regularly with LP and PPs via email, WhatsApp, phone, zoom etc.
2. Social media - two major FB groups involved <https://www.facebook.com/profile.php?id=100051284682945> For a clean coast and a living sea - BSNN moderated group with 828 followers and <https://www.facebook.com/groups/761344284201845> United for a clean coast and a living sea - open group with 1 300 followers #LitOUTer
3. 8 specific posts for project Open air exhibition in Burgas, training, second questionnaire survey, open doors meeting with media and activists and many other related posts
4. 2 press releases on project activities
5. 9 publications/reports on: National Radio, Focus News Agency, Faktorbg Burgas, Burgas Press, Bluelink net (3), 2 news on partner website
6. Suggestion for draft contents of Communication Guidelines on Marine Litter for the Black Sea (CGML-BS) provided to LP and partners

<https://www.focus-news.net/novini/regioni/Redica-subitiya-svurzani-s-opazvaneto-na-Chernomorskata-ekosistema-sa-se-proveli-vuv-Varna-v-ramkite-na-mezhdunaroden-proekt-1516310>

<https://bnr.bg/varna/post/101754248/1-3-ot-proizvedenite-plastmasi-popadat-v-morskata-okolna-sreda>

<https://www.bluelink.net/novini/preskonferentsiya-i-den-na-otvoreni-vrati-na-21-dekempri-2022-g.html>

<https://www.bluelink.net/sabitiya/den-na-otvoreni-vrati-po-proekt-litouter-na-21-dekempri-2022-g.html>

<https://www.bluelink.net/sabitiya/preskonferentsiya-po-proekt-litouter.html>

http://faktorbg.com/news_details/2981/%D0%9F%D0%B8%D1%258

<http://burgaspress.com/index.php/aktualno/3056-2022-11-19-19-30-44>

Please describe progress achieved in this reporting period

Activity Number	Activity title		Start month	End month			Status
Activity C.1	Communication start-up activities		July 2020	March 2023			
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Activity Number	Activity title		Start month	End month			Status

Activity C.4	Digital activities		August 2020	March 2023			Proceeding according to the work plan
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable D.C.4.1.	Web site, logo and social media activities	<p>The project website for four language are active and time to time all partners share the project outputs. The news in the social media always up to date.</p> <p>LP: 10 social/mass media news related to the symposium. 5 dissemination activities in national and international activities.</p> <p>IBEDC: Submitted in company website</p> <p>MN: 5 posts in social media and dissemination activitiy</p> <p>IO-BAS: Social media activities</p> <p>NIMRD: 4 social media updates of which: - 3 on the Facebook of NIMRD - 1on Facebook of Romanian Ministry of Research, Innovation and Digitization</p>	December 2022	3	5		Proceeding according to the work plan

		BSNN: Partner communication: Communicated regularly with LP and PPs via email, WhatsApp, phone, zoom etc. 2 Social media - two major FB groups involved					
Activity Number	Activity title		Start month	End month			Status
Activity C.5	Publication(s)		October 2020	March 2023			
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable D.C.5.1.	Publication of project outputs	<p>Symposium book (1), partner meeting minutes (9) will be published.</p> <p>In the international symposium of the project, all partners were submitted oral and poster presentation.</p> <p>LP:</p> <ul style="list-style-type: none"> - Because of the project extension, the last partner meeting will be organised 23-24 March 2023 in Constanta, Romania. -Two scientific papers during the project period. -7 progress reports, one interim report and one symposium e-book were published. 	December 2022	10	11	3	Proceeding according to the work plan

		<p>- Communication guidelines will be produced during the extension period (DC.5.1).</p> <p>NIMRD: - 1 national newsletter article</p>					
Activity Number	Activity title		Start month	End month			Status
Activity C.6	Public Event(s)		August 2020	December 2022			Not started
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable D.C.6.1.	TV programme(s) and local and national news	<p>Main activities will be announced via local and national televisions. In local TVs, radio meetings interview programmes will be organised. The project activities will also announce via local newspapers.</p> <p>LP: 10 local and national news were submitted</p> <p>IBEDC: Completed</p> <p>MN: Completed</p> <p>IO-BAS: information provided above</p> <p>MINRD: information provided</p>	December 2022	12	14	10-lp	Proceeding according to the work plan

		above					
		BSNN: : information provided above					

B. The financial progress of the project

- euro-

Beneficiary (abbreviation)	Approved project budget	Cumulated costs from start of implementation to present report *	Amount available
LB - KTU-MSF	€ 397.476,00	€ 333.198,1	€ 64.277,9
B2 - IBEDC	€ 110.000,0	€ 81.608	€ 28.392
B3 - Mare Nostrum	€ 100.000,0	€ 99.752,0	€ 248
B4 - IO-BAS	€ 117.450,0	€ 88.026,57	€ 29.423,43
B5 - NIMRD	€ 100.000,0	€ 84.925,18	€ 15.074,82
B6 -BSNN	€ 104.392,80	€ 89.628,89	€ 14.763,91
TOTAL	€ 929.318,80	€ 777.138,74	€ 152.180,06

* The conversion into euro shall be made using the monthly accounting exchange rate of the European Commission of the month during which the progress report is submitted to the JTS. InforEuro is freely available at: http://ec.europa.eu/budget/contracts_grants/info_contracts/inforeuro/index_en.cfm . Please note that the amounts indicated in the Progress Report are only necessary to assess the project's financial progress. The payment arrangements of the project shall be made according to art. 4 Grant Contract.

C. Actions to tackle the COVID-19 pandemic

If applicable, please describe the measures taken to address the health risks caused by COVID-19 or actions undertaken in fighting the COVID-19 pandemic

D. Annexes to the progress report

Annexes to the progress report shall be presented in accordance with the provisions of the Project Implementation Manual, section 6.1.

TAKE NOTE: when preparing the supporting documents, please consider the following:

- Scanned documents should be submitted in black and white, format .jpg/.pdf of minimum 300 dpi resolution;
- Each document must be named in English language according to its content and with a reference to the partner and deliverable (e.g. JTS_D.C. 1.2 _ Brochure)
- Each document containing more than 1 page must be scanned and submitted as a single file. Please DO NOT scan and upload each page separately.
- Make sure the documents can be opened and that the page margins are scanned correctly

The supporting documents shall be organized by partner and submitted in one archive of maximum 20MB. In case the file is bigger than 20 Mb (e.g a movie or a presentation), we recommend to add only the reference to the link published on the website of the project. In case the evidence exceeds the limit of 20 Mb, the partners should create .rar or .zip packages of no more than 20 Mb and upload them in more parts.

**Signed by the legal representative of the Lead Beneficiary
or the empowered person (Project Manager):**

Name	Sedanur KALYONCU
Signature, stamp¹ (electronic signature)	
Position	LEAR
Date	17.03.2023

¹ If foreseen in the national legislation