



Programme funded by
EUROPEAN UNION



Project Progress Report No 3

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:31.12.2022
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	Assoc.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: 01.03.2021	End date: 30.06.2021

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)

The project activities were done 40% from the beginning of the project till the end of this progress report. The project procurement plan (Annex 7) of the LitOUTer project was attached. The activities are listed below;

Management: Up to present progress report 35% of the Management was completed.

LP:

1. Purchasing awareness/training/meeting materials were bought after market research.
2. Project team meeting were organised to produce road-map and what to do (See LP-Attachments-PR3).
3. Communicated with partners about project milestones, awareness/meetings organisation, awareness material preparations were organised (See LP-Attachments-PR3).
4. Conference system was purchased after market research (Annex-7 LitOUTer Procurement Plan).

IBEDC:

1. IBEDC have carried out survey of stakeholders and have developed stakeholders survey report,
2. IBEDC have purchased awareness/training/meeting materials were bought after market research,
3. IBEDC have held stakeholders meeting in the target region of Adjara,
4. Project team meetings to plan the stakeholder’s trainings,
5. IBEDC have conducted 10 stakeholders (Children/adults) training in the target region of Adjara,
6. IBEDC have signed MoU with Gender council of Khelvachauri Municipality.

MN:

1. Mare Nostrum organize one partner meeting to discuss the trainings materials and planning (See MN-Attachments-PR3).
2. Project team meetings to plan the trainings and marine litter beach study.
3. Communication with partners about GA T4 related to trainings (See LP-Attachments-PR3).

IO-BAS:

1. Produced awareness materials (400 brochures) were bought (See IO-BAS-Attachments-PR3).
2. Project team made a survey and preparation of the training courses one with Executive Agency for Fishery and aquaculture (EAFA) and the second with the school children (one school).
3. Receiving the three offers regarding the task Activity A.T3.1 (Experimental awareness activities by field studies) concerning organising cruise in their sampling coastal area organised by IO-BAS.
4. Two press releases were published reflecting the activities of the project.

NIMRD:

1. Market research for purchasing awareness/training/meeting materials,
2. Attending project team meeting organised by coordinator to produce road-map and what to do,
3. Communication with the project coordinator and partners concerning the project milestones, awareness/meetings organisation, awareness material preparation etc (See LP-Attachments-PR3).

BSNN:

1. Preparation of second progress report for LP,
2. Participation in project team meetings and trainings,
3. Subcontracted purchase of computer,
4. Subcontracted production of awareness materials - leaflets, brochures, t-shirts, caps (See BSNN-Attachments-PR3),
5. Subcontracted design of poster and banner, production pending (See BSNN-Attachments-PR3).

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

GAT2: Up to present progress report 35% of this GA has been completed.

Here is the each partner activities were listed;

LP:

1. LP was organised meetings with provincial of the directorates such as Ministry of Education, Ministry of Environmental and Urban, Metropolitan Mayor, mayor of Sürmene City, District governor, provincial, district mufti (religion related person). The subject of meeting and expected from them explained and meetings date and place of the meetings decided under the Covid-19 condition. The participating of these meeting was 2-3 person. The restrictions of the pandemic is released. After that the meetings of the decision makers will be continued. (See LP-Attachments-PR3).
2. Toy are designed and produced for IBEDC (500 pieces marine animals (dolphin, anchovy, mussel and sturgeon) and Bulgarian partners (500 items in total). The toys sent via Cargo company (DHL Cargo). Bulgarian partners will share 250 items in each. The toys are labelled according to the EU-CBC standards and they also labelled organism names in English and mother language of the partners (See LP-Attachments-PR3).
3. The play cards will be designed and produce special attention for the marine litter and its impact on organisms and human. The production of the play cards will be completed for 2 months.
4. Banners, brochures, leaflet were produced (See LP-Attachments-PR3)
5. The workshop was planned to organised in April 2021 but because of Covid-19 pandemic limitation and restricted period, the workshop will be postponed to September 2021.

6. The target number of stakeholders was reached in the first questionnaire. More than 600 participants were evaluated for the LP. Project partner (PP6) was evaluated all project results in a consolidated report and submitted it to the LP.
7. 250 T-shirt are ready for giving stakeholders. 40 of them were distributed to the children (See LP-Attachments-PR3).

IBEDC:

1. IBEDC have carried out survey of stakeholders and have developed stakeholders survey report for four main groups: Professionals; Population living in the target region near the Chorokhi River; The students in Grades V, VI, VII and VII and Fisheries sector. A stakeholder database was created by PP2 by using the Excel template developed by PP6 to be filled in by all partners of LitOUTer. For the time being, the first questionnaire survey of PP2 reached the above types of stakeholder target groups, and a total of 808 participants (respondents). A total of 808 respondents' Out of them 597 answers with a variety of sources were recorded on the online (web) questionnaire forms and the paper form for data collection achieved 211 of respondents' answers.
1. During implementation period IBEDC is in close cooperation with all stakeholders of the project: Public and Local authorities; Ministry of Environmental Protection and Agriculture of Georgia; Directorate of Environment protection and Natural Resources of Adjara Autonomous Republic; Department of Tourism and Resorts of Ajara; Maritime Transport Agency of Georgia: Khelvachauri Municipality; Batumi State University; Batumi State Maritime Academy, 7 Schools from Batumi and Khelvachauri Municipalities (IBEDC has already signed Memorandum of Understanding With 5 schools), Fishing companies and Fishermen, Environmental NGO's and Populations from Chorokhi riverside. All of them actively involved stakeholders survey of the project. Despite of COVID 19 Pandemic limitations, IBEDC have arranged several important informational meetings with stakeholders in Adjara region, namely: Directorate of Environment protection and Natural Resources of Adjara Autonomous Republic; the Department of Fishery, Aquaculture and Water Biodiversity of National Environmental Agency; Gender Council of Khelvachauri Municipality; Ilia Chavchavadze Batumi Public School №1; School Euro 2000 in Batumi; Charnali Village Public School of Khelvachauri Municipality; Ganatleba School of Batumi; Batumi Public School №15; During the meetings stakeholders were introduced about the project scope, objectives, activities and their future engagement in it.
2. Brochures, Notepads, Folders, Certificates and pens were produced.

MN:

1. MN designed and realized the follow materials - 1 roll-up, t-shirts and hats ((See MN-Attachments-PR3),
2. MN has organized one meeting (March 2021) with high level stakeholders (Ministry of the Environment, National Administration of Romanian Waters and Dobrogea Litoral Water Basin Administration. The meeting took place online, 9 participants, and were discussed aspects related to marine litter on Romanian coastal area.
3. MN had a meeting with 2 representatives of Dobrogea Litoral Water Basin Administration (May 2021) to discuss the aspects related to marine litter, what can be done for the summer season and to organize together some trainings for beach operators.

IO-BAS:

1. Awareness materials: Brochures were published ((See IO-BAS-Attachments-PR3).

NIMRD:

1. Two banners were produced. The other pressed materials (one roll-up, 625 brochures, 625 leaflets, 100 posters, and 5 flags) started to be designed and their production will be completed in one month (the end of August 2021),
2. Preparation awareness materials for children (65 t-shirts and 65 hats) are in progress and their production will be completed in one month (the end of August 2021)

BSNN:

- PP 6 (BSNN) continued collecting responses to questionnaires from partners and organised preparation of the first consolidated report for initial response to the survey with conclusions for situation in the region at project start. Peculiarities on country level have been addressed and general suggestions for specific interventions suggested. The consolidated report on the conclusions from the first survey is annexed. (See BSNN-Attachments-PR3),
- PP6 organized and held 1 meeting for training stakeholders, representatives of expert NGOs, mainly marine and business associations, 12 participants, on 20 April 2021(See BSNN-Attachments-PR3). Plans for two more meetings have been made: for women civil servants and administrators from coastal municipalities. Communication has been held with Black Sea Basin Directorate to hold meeting together in the near future.
- PP6 has scheduled the first project workshop to be held in Burgas, Bulgaria in August 2021 (month 14) as planned. The workshop will take place on 17-18 August 2021. Preparation is under way, invitation and agenda sent out to partners.
- Preparation of awareness materials: T-shirts, caps, brochures in English and in Bulgarian and leaflets in English and in Bulgarian produced (See BSNN-Attachments-PR3).

GAT3: Up to present progress report 10% of this GA has been completed

1. The technical specification of the system and the possible contractors are determining.

GAT4: Up to present progress report 50% of the total project activities have been completed

LP:

1. The school children have been an idea about litter pollution, the importance of the recycle, and separation. And they also interested in the animation film that produced under the project. They learned many things in their lectures. T-shirt distribution and beverage distribution were made.
2. Schools, fishermen, tourism sectors, imams, decision-makers, and women were trained and increased their awareness about marine litter impact on the environment, organisms, and human. The presentations were prepared stakeholder-specific. The duration of the meetings was 45-90 minutes according to the audience's interests in the subject (See LP-Attachments-PR3),
3. During the meeting the special attentions were taken into account for their habitual/behaviour than the lack of knowledge. In the meetings, it was underlined if the production of the litter will not reduce and recycle properly, it will definitely reach the seas and the seas will turn into litter dumps.
4. During the meetings, it was highlighted that the most important issue to change our habitual such as, left clean in the picnic area, do not throw litter on the beach, or do not dump the garbage at the coast or river site. The diminishing of the litter starts with the individual and spread to the community.
5. It was underlined that saying "I am not the only person who produces litter, everybody may be responsible for the pollute environment especially municipalities". In the meeting, It was emphasized that creating garbage or reducing litter production would be an individual awareness.

6. It was especially highlighted that children and women play a key role in reducing waste.
7. Fishermen never accepted their impact on producing a marine litter. They believed that the coastal fill areas are the main sources of marine litter pollution.

IBEDC:

1. A.T.4.2-IBEDC have held 6 offline (face to face) trainings in 5 schools and one university, while trainings 150 school children and 30 students were trained about raise awareness in marine litter issues. They got useful information and introduced with essential issues of marine litter.
2. A.T.4.3. - 4 trainings for raising awareness of adults, with participation of 109 persons (Public servants from regional and local authorities, Fishermen, Professors, lecturers/teachers, Tourism agency and operators, Entrepreneurs, Employee from private companies, citizens, NGO's, volunteers) that found out more information about marine litter and their impact on marine environment. Also, they suggested actions that can be implemented on the beach to make people keep the beach clean and to inform them about marine litter aspects.

MN:

1. MN communicated with project partners to insure support for their trainings.
2. A.T.4.2. - 5 trainings for students took place (2 online and 3 school visits) during which 304 students were trained about marine litter, they had the opportunity to find out information and to find messages as diverse and impactful as possible for the public to draw attention to the issue of marine litter and how we can be more friendly with the environment. -(See MN-Attachments-PR3),
3. A.T.4.3. - 9 trainings for raising awareness of adults, with participation of 167 persons (teachers, beach operators, media representatives, citizens, NGO's, volunteers, priest, company employee) that found out more information about marine litter and their impact on marine environment. Also, they suggested actions that can be implemented on the beach to make people keep the beach clean and to inform them about marine litter aspects (See MN-Attachments-PR3),
4. MN made a marine litter beach survey in April, on 10 sectors from Romania seaside. The marine litter case study was made according to the beach litter monitoring methodology included in the "Guidance on Monitoring of Marine Litter in European Seas", a guidance document within the Common Implementation Strategy for Marine Strategy Framework Directive, covering Romania's compulsoriness to monitor Descriptor 10 - Marine Litter for beaches. Monitoring of litter on the coastline quantify and characterize litter pollution and provide comparable datasets to support national and regional assessments of marine litter (See MN-Attachments-PR3),
5. MN prepared the report for marine litter survey, both sessions (February and April 2021). The data collected were also uploaded in Emodnet platform. The report was sent to relevant stakeholders and institutions (ministry, authorities) that are able to implement actions and measures to reduce the marine litter quantities (See MN-Attachments-PR3),

IO-BAS:

1. Four schools were visited and meeting was held with the EAFA and two fishermen organisations.

NIMRD:

1. A.T.4.3. Two stakeholder (university students) training meetings were organised. University students were awarded of the litter impact on the environment, organisms,

and human. The presentations were prepared stakeholder-specific. The duration of the meetings was 2-4 hours according to the audience's interests in the subject.

BSNN:

1. PP6 organized and held 3 physical presence trainings for secondary school students with involvement of teachers and NGO activists. Those took place in May 2021 (total number of trained school children 71 - 27,26 and 18 in the three sessions respectively) dedicated to European Maritime Day. The children have been trained about marine litter pollution and ways to reduce waste and plastic waste in everyday life. Marine literacy messages and artistic activities have been used to support training and put across messages.

Communication: In this period 50% of the total project activities have been completed.

LP:

1. Partner communication: All partners are good cooperation in between and LP. The main communication tools are telephone, Whatsup, zoom, e-mail. The partners can reach to the LP at any time to solve problems for the project's success (See LP-Attachments-PR3).
2. Social media activities (See LP-Attachments-PR3):
 - TV
 - Local News
 - National News
 - Social media
3. Press materials(See LP-Attachments-PR3)

IBEDC:

1. IBEDC have published information with photos materials about stakeholder's meetings and the training in the target region on website of IBEDC. www.ibedc.ge
2. IBEDC made and sent press releases to stakeholders and Mass media

MN:

1. MN made and sent to mass media 2 press release about marine litter beach survey, results of the survey and future actions.
2. MN presented the project activities and results on various media interventions, with appearances on TV, radio, newspaper. 31 media appearances. these media appearances resulted from the transmission of press releases and social media posts related to the project activities.
3. Social media - 20 posts on Facebook and 5 on Instagram. All these posts were related to the marine litter beach survey and trainings, activities that are associated with EMD in my country events. In order to promote the project activities at European level, Mare Nostrum submitted some activities at "EMD in my country" (Marine litter case study - April and September 2021, and trainings that will be organized by Mare Nostrum between April and September 2021) (See MN-Attachments-PR3).

IO-BAS:

1. Social media: Two press releases were published reflecting the activities of the project (Links: <https://bnr.bg/varna/post/101474961/prouchvat-kolichestvata-plastmasa-v-chno-more>, <https://www.maritime.bg/75372-2/>)

NIMRD:

1. Social media activities: sharing the project activities of NIMRD via the facebook page of NIMRD and LitOUTer official project link.

BSNN:

- 1 BSNN has used press releases and social media for project promotion and communication (See BSNN-Attachments-PR3).
- 2 <https://www.bluelink.net/novini/obucheniya-na-razlichni-tselevi-grupi-po-proekt-za-morskite-otpadatsi.html> 14.05.2021
- 3 <https://www.bluelink.net/novini/kak-da-rabotim-s-tselevite-grupi-ot-chernomorskiya-region-za-da-postignem-dobri-rezultati-v-n> 11.03.2021
- 4 <https://www.facebook.com/bsnn.SaveGREEN.bulgaria/posts/188280403139017> 27.04.2021

A.3 Project Specific Objectives

Project Specific Objectives	Explanation on the level of achievement
1. Raising awareness and responsibility of the stakeholders to reduce marine litter	Since the project started, all stakeholder manager units were visited and were explained our project activities. They were all agreed and they were declared to support our activities. They were also given some idea about how we can reach more easily to their sectors. The activities according to the different stakeholder groups were planned. In a short while, the field studies will be started. The aim of delaying these activities is that we may have a chance to do face to face with our stakeholders after diminishing pandemic limitations. In both situation, we will start to training activities in April 2021.
2. Determination of the proportions of the potential sources for the marine litters	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.
3. Development of methods for mitigation and determination of cleaning strategies of marine litters	When the awareness activities will start in the sampling area, together with the other activities (extra bins, separation of litters (at least plastics, papers), the awareness level will be 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 changes for the social behaviour.

A.4 Project Main Outputs

During the third Progress Report (March 2021- June 2021) 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	6 completed	Each partner country prepared their national regional and international legislation and awareness level of public on marine litters and submitted to the LP.
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	2 completed	LP combined all reports in two consolidated reports (GAT1.D1.1.1. and GA.T1.2.1.)
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	3	The first questionnaire survey was done and midterm consolidated report was prepared. Each partner was done questionnaire survey (6) and the number of participants were in total 2387 (634 LP;257 IBEDC; 568 MN; 265 IO-BAS; 219 NIMRD; 444 BSNN).
T3.1.Demonstration of the source and accumulation places of marine litters by using GIS/Web based applications models	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)	August 2021	0	The technical specification of the litter movement modeling (GIS/web+, litter modified-hydrodynamic model + validation+ scenarios to the demonstration) is determined. The possible firms, that are capable to do this works, are being searched.
T3.2.Production of scenarios for raising awareness	2.2.2 Number of organisations using programme support	January 2022	0	Different scenarios will be run by using this model/GIS application for raising public

by using GIS based map module	to develop or improve waste management tools or small scale facilities along river banks and sea shores (including ports)			<p>awareness. The scenarios will be created according to litter amount, wind direction, current movement and water properties.</p> <p>Scenarios will change according to wind, litter amount, current, area etc. The output of the scenarios will demonstrate via WEB, TV show and other communications tools.</p>
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	<p>1</p> <p>1200</p>	<p>One partner meeting was done in this project period.</p> <p>The number of stakeholders trained/visited in the project was over 1200.</p>
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	50	<p>Number of organisations were done by project partners are follows;</p> <p>LP: In the project, stakeholders will be trained separately according to their interests and their duties, namely; children/student, housewife/teacher, villager, fishermen, local authorities, national/local decision-makers. During this period 13 training activities were organised. The distribution according to the stakeholders were like 3 schools, 2 women, 2 tourism sector, one NGO, 2 headmen, one imam and one folk. The total participants were about 351 people. One of them was online the others were face to face organisation.</p> <p>IBEDC: During the reporting period IBEDC have arranged</p>

			<p>8 face to face meetings with relevant stakeholders. 1 zoom meeting with project partners related to GA.T.4.2. Totally 289 persons were trained. From them 180 children/ students were and 109 adults were trained. (Public servants from regional and local authorities, Fishermen, Professors, lecturers/ teachers, Tourism agency and operators, Entrepreneurs, Employee from private companies, citizens, NGO's, volunteers)</p> <p><u>MN:</u> 471 persons trained in total, during 14 trainings. 304 students from some schools from Constanta County. 167 adults were trained during 9 trainings/meetings (teachers, beach operators, media representatives, citizens, NGO's, volunteers, priest, company employee)</p> <p>1 zoom meeting with project partners related to GAT4. 2 meetings with relevant stakeholders.</p> <p><u>IO-BAS:</u> The fishermen associations representatives in the frame of BISAC meetings were organized.1 zoom meeting with project partners related to GA.T.4.2. 4 visit to the stakeholders were done.</p> <p><u>NIMRD:</u> Two training of the stakeholders (23 students in total) to raise awareness were organised during the reported period. Two stakeholder meetings (with university students) were organised and 23 students were participated.</p> <p><u>BSNN:</u> Housewife/teacher/12 persons, (GA T 2.2.1) NGO activists, children/students 71. 1 training of NGO activists for 12 persons, (GA T 2.2.1). 3 trainings for school children for 71 people. Awareness</p>
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				materials T-shirts, caps, brochures, leaflets produced, 1 workshop under preparation in Burgas, 3 press releases for local media, online media, social media - over 1000 target audience reached
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A.5 Target Groups

Please describe the Target Groups Involvement, referring to Target value planned and reached so far:

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:

The number of activity in this period of the project implementation;

Partners	Target/Success		
	GA T2.2.1	GA T 4.2.1	GA T 4.3.1.
LP	10/2	10/4	10/6
PP2	10/3	10/6	10/2
PP3	10/2	5/5	10/9
PP4	10/4	5/-	10/-
PP5	10/-	5/1	10/-
PP6	10/1	5/3	10/1

LP (PP1):

All training activities were done in May and June. Only one meeting was online (tourism sector-1). The other meetings were held under the covid-10 rules. The participant number was changed according to the meeting hall.

1. GA T.4.2.1.Children/student (4 activities): Four activities were done and 68 students were participated.
2. GA T.4.3.1. Housewife/teacher (2 activities): Two activities were organised and 46 housewives/teachers were participated.
3. GA T.4.3.1. Villager (1): Project team has chosen some houses and talk to street people about litter. The number was 14.
4. GA T.4.3.1.Fishermen: The activity was done in June.
5. GA T.4.3.2. Imams (1 activity): One meeting was organised in the Sahil Mosque and 63 imams were participated.
6. GA T.2.2.1.National/local decision-makers/local authorities (2 activities): Headmen, local decision makers was participated in two activities. The participant number was 43.
7. GA T.4.3.1.Tourism sector (2 activities) : One activity was done online and 58 audience were participated. The other activity was done during the tracking activity to the plateau. The participant number was 34.

IBEDC (PP2):

During the reporting period IBEDC have arranged. 8 face to face meetings with relevant stakeholders:

1. GA T.2.2.1. National Public Authority (1 activity). 1 Authority (2 persons)
2. GA T.2.2.1. Regional Public Authority(1 activity). 1 Authority (3 persons)

3. GA T.2.2.1. Local Public Authority (1 activity). 1 Authority (5 persons)
4. GA T.4.2.1. Public and Private Schools (6 activities) and one university. 5 Schools (50 persons)

While the reporting period IBEDC has held 10-offline training with project stakeholder:

1. GA T.2.2.1. Regional Public Authority (1 activity). 1 Authority (13 persons)-Training
2. GA T.2.2.1. Local Public Authority (1 activity). 1 Authority (26 persons)-Training
3. GA T.4.2.1. Public and Private Schools (6 activities). 5 Schools (167 pupils&Teachers) and 1 University (40 students&lecturers)-Training
4. GA T.4.3.1. Tourism sector (1 activities) with 21 representatives from Tourism Industry- Training
5. GA T.4.3.1. Fishermen (1 activity) with participation 25 Fishermen-Training

During the reporting period IBEDC have carried out @Activity A.T2.1.1, in particular survey of stakeholders and have developed stakeholders survey report for 4(four) main groups: Professionals; Population living in the target region near the Chorokhi River; The students in Grades V, VI, VII and VII and Fisheries sector. A stakeholder database was created by PP2 by using the Excel template developed by PP6 to be filled in by all partners of LitOUTer. For the time being, the first questionnaire survey of PP2 reached the above types of stakeholder target groups, and a total of 808 participants (respondents). A total of 808 respondents' Out of them 597 answers with a variety of sources were recorded on the online (web) questionnaire forms and the paper form for data collection achieved 211 of respondents' answers.

MN (PP3):

1. GA T.2.2.1. Local public authority (1 activity)- 1 authority (4 persons)
2. GA T.2.2.1. National public authority (1 activities)- 2 authorities (7 persons)
3. GA T.4.3.1. Infrastructure and (public) service provider (1 activity)- 6 beach operators (participants at trainings - GA T4) and 22 employees at 2 private company (participants at trainings - GA T4)
4. GA T.4.3.1. Interest groups including NGOs (2 activities) - 26 volunteers from 2 NGO's (participants at trainings - GA T4)
5. GA T.4.2.1. Education/training centre and school (5 activities)- 304 students and 70 teachers (participants at trainings - GA T4)
6. GA T.4.3.1. General public (6 activities) - 8 media representatives and 118 participants (teachers, media representatives, citizens, volunteers, priest, company employee) (participants at trainings - GA T4). 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. GA T.2.2.1. (4 Activities). The number of reached target groups were four (4) meetings were held with local authorities, representatives of National Environmental agency, Executive agency for fisheries and aquaculture, Varna Municipality.

MINRD (PP5):

The number of reached target groups were 1 (Students).

1. GA T.4.2.1. Education/training centre and school (2 activities). Two meetings were held with stakeholders (students) from higher education (University "Ovidius" Constanta). A total of 23 students learned new information about marine litter and its impact on the marine environment. Also, students had the opportunity to discover several aspects of marine litter on the beaches, in particular microplastics in the sand of Romanian beaches, respectively to actively participate in their collection and

analysis under the coordination of experts from the National Institute for Marine Research and Development. Grigore Antipa” (INCDM).

BSNN (PP6):

1. GA T.2.2.1. (1 Activity). Directly communicated with business associations RAPIV and VEDA from Varna (members, activists, staff - mostly women) 12 persons
2. GA T.4.2.1. Education/training centre and school (3 activities). 3 trainings for 71 students- Directly communicated with 71 students, teachers, NGO activists, student-trainees from 2 community clubs (Phar 1946 and Asen Zlatarov) involving children from 9 schools (Dimcho Debelyanov School, Cyril and Methodius School, Vasil Aprilov School, G.S.Rakovski School, Bratya Miladinovi School, Trading School, Prof Asen Zlatarov School, Prof. N. Obreshkov Mathematics School, Goethe German Language School from Burgas) all of them members of youth clubs
3. GA T.4.3.1. General public (1 activity). 1000 representatives of the general public through local online and social media.

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:

The main problem was to delay two workshops organisations because of Covid-19 pandemic. In the project, the first workshop organisation was held at a time 10th months (LP) and the second was going to be organised at 12th month (one of Romanian partner (NIMRD)), of the project duration but none of them could organised.

These delay will not impact of the project duration. These two workshops will be organised in September (by LP) and November 2021 (by NIMRD) respectively.

Amendments to the grant contract

IBEDC (PP2): NOTIFICATION NO: 3

Request modification for IBEDC (PP2), Georgia.

1. Notification from IBEDC (PP2), Georgia to add phrase to the description of comment box of the budget line “Other national and international trip”,
2. Notification from IBEDC (PP2), Georgia regarding modification in the description of comment box of the budget line “Meeting organisation (Workshops, meeting, trainings)”,
3. Notification from IBEDC (PP2), Georgia for modification of the amount in the budget line of “External accounting services”,
4. Notification from IBEDC (PP2), Georgia for modification of the amount in the budget line of “Auditing Services” and reformulation name of the budget line.

A.7 Horizontal Principles

Horizontal Principles	Please describe how the horizontal aspects have been considered in the project implementation
Gender Equality	LP: In the project, the team was equal distance to women and men. The gender ratio would be changed

	<p>according to the stakeholder such as if the target group were housewives the participants were women but if the target was fishermen then most of them are men. The women looked more supportive and they can accept their wrong habitual to cause litter pollution.</p> <p>IBEDC: During the project implementation, the active participation of the women and man were almost the same and gender discrimination being not allowed in the activities implemented. It should be underlined that, IBEDC have signed MoU and held training with Gender council of Khelvachauri Municipality.</p> <p>MN: the project management process was built by having in attention the principles of gender equality in project team, experts, events, etc. All the participants will have the same involvement and opportunities, gender discrimination being not allowed in the activities implemented.</p> <p>IO-BAS: Both genders were equally represented in terms of scientific team and the participants as well.</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 4 actual members.</p> <p>BSNN: BSNN Gender equality has been observed in all project activities of the partner and has been consistently upheld as principle of selection in matters of staff, beneficiaries, target audiences. Empowerment of women will be further supported through project activities.</p>
<p>Democracy and human rights</p>	<p>General approaches to do project activities in all partners are done their activities under the democracy and human rights to all partners.</p> <p>During the project implementation men and women rights all preserved by Turkish laws. There is no human rights discrimination while purchasing materials/equipment from project budgets.</p> <p>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.</p> <p>There is no discrimination on the gender, race, physically and religious basis, following the National legislation of</p>

	<p>Bulgaria.</p> <p>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>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.</p> <p>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>The project implementation has promoted green policies and environmental sustainability by advocating for marine litter reduction in the Black Sea region. The project partner carry 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, reduced use of plastics, promotion of economical use of natural resources and care for their conservation and restoration.</p> <p>In the project, during the training activities, we underline to prefer long term permanent solutions than short term.</p>

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	Dec 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 (PP1):

1. We as a LP are always ready to solve the partners's problems and close cooperation with them.
2. Partner can share their opinion in the partner meetings. This time MN has organised the meeting for advising how to trained stakeholders.
3. LP is a bridge between JTS and partners. During this period IBEDC had one notification and was accepted by JTS.
4. Selection of subcontractors and purchased the materials/duties.
5. Updating procurement plan

IBEDC (PP2):

1. Communicate with LP and partners;
2. Evaluated the third progress report outline;
3. Determined the third progress report duties;
4. Staff costs were paid;
5. Selection subcontractors and signed subcontracts;
6. Some money from "Office and administration" budget was expensed.
7. During reporting period, IBEDC have updated the procurement plan.

MN (PP3):

Mare Nostrum organize one partner meeting to discuss the trainings materials and planning. Also, some project team meetings to plan the trainings and marine litter beach study and ensured the communication with partners about GA T4 related to trainings.

IO-BAS (PP4):

The project team coordinated to organize meeting with stakeholders.

NIMRD (PP5):

1. Communication with team
2. Join partner meeting

BSNN (PP6):

1. Communication with team
2. Join partner meeting

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	December 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
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	October 2020	Completed

D.M.1.2	Kick-off meeting	Partners, decision-makers, scientists, international experts and whole stakeholders including mass media will be invited. The project will be a start-up after this meeting. The project will be announced stakeholders. The meeting will be organised in Trabzon. The participation of the kick-off meeting will be around 80 participants.	September 2020	1	1	8 th of October project kick-off meeting was organised.	Completed
D.M.1.3	Meeting with partners	The meetings in the partner countries will be carried out as face to face communication. The project partner meetings will be carried out before or after the workshop (9) organizations and symposium (1). Such meetings will be a good opportunity for the implementation of the project. On the other hand, the output of the in-situ studies and lessons learned during the implementation period will be shared with all partners in order to improve the efficiency of project outputs.	December 2022	9	4	1	Proceeding according to the work plan
Activity Number	Activity title		Start month	End month			Status
A.M.2	Project Reports (progress, interim and Final Reports)		November 2020	December 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
D.M.2.1	First progress report	The first progress report will consist of first four months activities results and indicators for demonstrating success of this period.	November 2020	1	1	1	Completed
D.M.2.2	Second progress report	The second progress report will consist of month five- month-8 activities results and indicators for demonstrating success of this period.	Mach 2021	1	1	1	Completed
D.M.2.3	Third progress report	The third progress report will consist of moth 9- month 12 activities results and indicators for demonstrating success of this period.	July 2021	1	0	0	Completed
D.M.2.4	First interim report	Interim consolidated report will consist of narrative and financial report together with first level controller certificate. The interim report will contain the information provided in the previous progress reports and adding the new activities. Interim report will be submitted in 90 days following mid project implementation period or when 70% of the advance payment has been spent.	July 2021	1	0	0	Not started
D.M.2.5	Fourth progress report	The fourth progress report will consist of moths 13-16 activities results and indicators for demonstrating success of this period.	November 2021	1	0	0	Not started

D.M.2.6	Fifth progress report	The fifth progress report will consist of months 17-20 activities results and indicators for demonstrating success of this period.	Mach 2022	1	0	0	Not started
D.M.2.7	Sixth progress report	The sixth progress report will consist of month 21-and month 24 activities results and indicators for demonstrating success of this period.	July 2022	1	0	0	Not started
D.M.2.9	Seventh progress report	The seventh progress report will consist of month 25-and month 28 activities results and indicators for demonstrating success of this period.	November 2022	1	0	0	Not started
D.M.2.9	Final report	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.	December 2022	1	0	0	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	December 2022			Not started
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.	December 2022	2	0	Each expense during this period was done by the national and PRAG (Practical Guide to Contract Procedures for EC External Actions) rules. The procurement of the partners were attached	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	December 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
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.	December 2022		3	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		November 2020	4	4	4	Completed

	and litter problems						
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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	October 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:

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.

During the reporting period PP6, as responsible partner for the production of D.2.1.1 Questionnaire survey, continued work on organizing and conducting the first survey in cooperation with the LP and partners. After a review of the implementation process, the period of implementation was extended till 31.03.2021 through Notification to JTS. In January and February 2021, the LP and PP6 discussed the progress of the survey with all partners and individually with partner teams, at their request. PP6 provided written guidance about the process to all partners.

LP (PP1):

1. The presentations were prepared according to the stakeholder specifications. Such as for fishermen the example mainly from marine based, for women generally related with the kitchen and shopping based litter problems but the children and students was the most important group of the stakeholders and their presentation was more colourful and more visual material to take their attention to the subject. Four different presentation were prepared for them.
2. Press material (leaflet (200), banner (125) and T-shirts (250 produced but 40 T-shirts were distributed) were prepared and distributed to the stakeholders.
3. Toys (four different marine organisms figured) are producing. Bulgaria and Georgian toys sent. Romanian and Turkish toys will be finished in August 2021 and will be distributed.
4. The play card design and the game rules almost finished. The play cards will be sent to the partners end of the year.
5. The workshop organisation will be held on September 2021.

IBEDC (PP2):

1. IBEDC have carried out survey of stakeholders and have developed stakeholders survey report for 4(four) main groups: Professionals; Population living in the target region, in particular, near the Chorokhi River; The students in Grades V, VI, VII and VIII and Fisheries sector. A stakeholder database was created by PP2 by using the Excel template developed by PP6 to be filled in by all partners of LitOUTer. For the time being, the first questionnaire survey of PP2 reached the above types of stakeholder target groups, and a total of 808 participants (respondents). A total of 808 respondents' Out of them 597 answers with a variety of sources were recorded on the online (web) questionnaire forms and the paper form for data collection achieved 211 of respondents' answers.
2. During the reporting period, IBEDC designed and made the following awareness materials: T-shirt 220 unit, 300 brochures, 280 notepads, 100 folders, 280 pens and 300 certificates for stakeholders training.

MN (PP3): MN (PP3):

1. MN designed and realized the follow materials - 1 roll-up, t-shirts and hats (Attachment - Materials Mare Nostrum)

2. MN has organized one meeting (March 2021) with high level stakeholders (Ministry of the Environment, National Administration of Romanian Waters and Dobrogea Littoral Water Basin Administration. The meeting took place online, 9 participants, and were discussed aspects related to marine litter on Romanian coastal area.
3. MN had a meeting with 2 representatives of Dobrogea Littoral Water Basin Administration (May 2021) to discuss the aspects related to marine litter, what can be done for the summer season and to organize together some trainings for beach operators.

IO-BAS (PP4):

1. Media/Social media publications - Mass media interviews and articles in newspapers, magazines and electronic publications accessible via the Internet; social media campaigns, profiles: <https://bnr.bg/varna/post/101474961/prouchvat-kolichestvata-plastmasa-v-chno-more>, <https://www.maritime.bg/75372-2/>

NIMRD (PP5):

1. Producing the banners (2) and the stickers (50). The other pressed materials (one roll-up, 625 brochures, 625 leaflets, 100 posters, and 5 flags) started to be designed and their production will be completed in one month (the end of August 2021)
2. Preparation awareness materials for children (65 t-shirts and 65 hats) are in progress and their production will be completed in one month (the end of August 2021)

BSNN (PP6):

PP6 during the reporting period continued to receive input from partners and incorporated it in consolidated report for the partner countries to assess the awareness situation at the beginning of the project, mostly prior to interventions like trainings, dissemination of information, workshops etc.

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	July 2022			In Progress
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)	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	March 2021	6	6	6	Completed

		<p>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. Qestion. REP.D.T21.1.1)</p>					
Deliverable T.2.1.2	Second questionnaire survey (in each country)	<p>Second questionnaire survey will be conducted 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 to reach about 2000 persons (500 for each partner country, 250 for each partners in RO and BG).</p>	July 2022	6	0	0	Not started
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	October 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 D.T2.2.1.	Local meetings/seminars for stakeholders	<p>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.</p> <p>LP: 2 local authorities meeting were organised. Before that all headquarter of them were visited.</p> <p>IBEDC: During the reporting period IBEDC have arranged 2 face to face meetings with relevant stakeholders: National Public Authority - 1 Authority (2 persons) Regional Public Authority- 1 Authority (3 persons) Local Public Authority-1 Authority (5 persons)</p> <p>MN: 2 meetings, 11 participants</p> <p>IO-BAS: 3 meetings with local authorities and national environmental agency, Varna municipality.</p> <p>MINRD: Preparing contacts for the remaining 7 meetings/seminars and will be organised next period</p>	October 2022	60	25	10	Proceeding according to the work plan

		BSNN: 1 meeting for 12 persons in April 2021					
Deliverable D.T2.2.2.	Workshops	There will be 2 workshops organised by per project country. The participation will be minimum 50 persons per workshop. This activity will be used to train about marine litter problem and its effects on environment. Additionally, this activity will be a platform to collect idea, information and critics from stakeholders about project. The place of workshops will be selected in the city from project implementation areas Romania, Turkey, Bulgaria and Georgia.	September 2022	9	0	0	Not started
Deliverable D.T2.2.3.	Symposium organisation	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 invitations letter 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.	August 2022	1	0	0	Not started
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	May 2021			Proceeding according

Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	to the work plan Status
Deliverable T.2.3.1	Preparation of other awareness materials for children.	<p>The number of awareness materials organised as 4 groups such as animation (1), toys (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: 250 T-shirts. 1000 toys (500 for Georgia and 500 for Bulgaria (IO-BAS and BSNN) sent to the partners</p> <p>IBEDC: 220 T-shirts were produced. By notification the number of T-shirt was increased to 400 items.</p>	May 2021	4 (Groups) 1.1 2.2000 3.10000 4.1150	1.1 2.1000 3.0 4.795	1.completed 2.1000 3.0 4.595	Proceeding according to the work plan

		<p>MN: 50 t-shirts and 75 hats</p> <p>IO-BAS: 400 brochures were produced.</p> <p>MINRD: work in progress after having specified numbers in communication with the LB; thus the design of 65 t-shirts and 65 hats) are in progress and their production will be completed in one month (the end of August 2021)</p> <p>BSNN: T-shirts/caps, brochure in English and in Bulgarian and leaflet in English and Bulgarian produced, banner and poster designed.</p>					
Deliverable T.2.3.2	Preparation and published of the press documents	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.	May 2021	6 (Groups) 1:21 2:10000 3:600 4: no limit 5: 6:no limit	1:4 2:3210 3:75 4:0 5:0 6:75	1:3 2:3210 3:75 4:0 5:0 6:75	Proceeding according to the work plan

		<p>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) 5. Flag 6. Stickers for equipment buying in the project <p>LP: 2 Roll-up, 10 stickers, leaflet/brochure:200, poster:75</p> <p>IBEDC: 300 brochures, 280 notepads, 100 folders, 280 pens and 300 certificates for stakeholders training.(1360 in total)</p> <p>MN: 1 roll-up</p> <p>IO-BAS: 400 brochures.</p> <p>MINRD: Producing the banners (2) and the stickers (50). The other pressed materials (one roll-up, 625 brochures, 625 leaflets, 100 posters, and 5 flags) started to</p>					
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		<p>be designed and their production will be completed in one month (the end of August 2021)</p> <p>The printed material will be produced by county specific language (Romanian) and in English.</p> <p>BSNN: Leaflets/brochures 1250 items. Press information disseminated, 3 publications at https://www.bluelink.net/novini/kak-da-rabotim-s-tselevite-grupi-ot-chernomorskiya-region-za-da-postignem-dobri-rezultati-v-n 11.03.2021 https://www.facebook.com/bsnn.SaveGREEN.bulgaria/posts/188280403139017 27.04.2021 https://www.bluelink.net/novini/obucheniya-na-razlichni-tselevi-grupi-po-proekt-za-morskite-otpadatsi.html 14.05.2021</p>					
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	July 2022	1	0	0	Not started

		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.					
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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	Not started

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

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.	October 2021	2	0	0	Not started
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	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. Number of scenarios (will change according to wind, litter types/amount, current, area etc., for determination of the litter	January 2022	100	0	0	Not started

		movement for each country will be approximately 25. The number of scenarios will increase to requirements.					
Deliverable T.3.2.2	A Workshop for training of the partners and selected stakeholders experts on hydrodynamic model/GIS based mapping software	As it is explained in management GA section, this training will be 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.	October 2021	1	0	0	Not started

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	Nov 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:

Training activities for local people and decision makers: These activities have been postponed to the third period of the project implementation.

LP (PP1):

- Under GA.4.2.1 Four training activities were done by children/student. The number of participants were 68. They were trained aware of marine litter and diminishing litter pollution, recycling, and impact on their environment, marine environment, health, and livestock. In addition, the behaviour of throwing something in the environment is unconscious. During the training, we warned them about these habits.
- Under GA.4.3. Seven training activities were done by women/teacher, NGO, imams (religious commissary) tourism sector's. One of them was online and the other were face to face meeting. The meetings were interactive and participants were enjoyed.
- The presentation and training materials were prepared as stakeholder-specific.
- The training activities reports were prepared and sent to MN for evaluating all project training outputs as a midterm report. The presentation and training materials were prepared as stakeholder specific.

IBEDC (PP2):

- A.T.4.2-IBEDC have held 6 offline (face to face) trainings in schools (5) and university (1), while trainings 150 school children and 30 students were trained about raise awareness in marine litter issues.
- A.T.4.3.- Four offline trainings for raising awareness of adults, with participation of 109 persons (Public servants from regional and local authorities, Fishermen, Professors, lecturers/teachers, Tourism agency and operators, Entrepreneurs, Employee from private companies, citizens, NGO's, volunteers) that found out more information about marine litter and their impact on marine environment. Also, they suggested actions that can be implemented on the beach to make people keep the beach clean and to inform them about marine litter aspects.

MN (PP3):

- A.T.4.2. - Five trainings for students took place (2 online and 3 school visits) during which 304 students were trained about marine litter, they had the opportunity to find out information and to find messages as diverse and impactful as possible for the public to draw attention to the issue of marine litter and how we can be more friendly with the environment. - Attachment - GA T4 Trainings Mare Nostrum April-June 2021
- A.T.4.3. Nine trainings for raising awareness of adults, with participation of 167 persons (teachers, beach operators, media representatives, citizens, NGO's, volunteers, priest, company employee) that found out more information about marine litter and their impact on marine environment. Also, they suggested actions that can be implemented on the beach to make people keep the beach clean and to inform them about marine litter aspects. - Attachment - GA T4 Trainings Mare Nostrum April-June 2021

Mare Nostrum - beach survey

- MN made a marine litter beach survey in April, on 10 sectors from Romania seaside. The marine litter case study was made according to the beach litter monitoring methodology included in the "Guidance on Monitoring of Marine Litter in European Seas", a guidance document within the Common Implementation Strategy for Marine Strategy Framework Directive, covering Romania's compulsoriness to monitor Descriptor 10 - Marine Litter for beaches. Monitoring of litter on the coastline quantify and characterize litter pollution and provide comparable datasets to support national and regional assessments of marine litter. - Attachment - Marine litter beach study Pictures.
- MN prepared the report for marine litter survey, both sessions (February and April 2021). The data collected were also uploaded in Emodnet

platform. The report was sent to relevant stakeholders and institutions (ministry, authorities) that are able to implement actions and measures to reduce the marine litter quantities. - Attachment - Report marine litter beach study April 2021 Mare Nostrum.

IO-BAS (PP4):

Four school visits were done. One meeting with EAFA and meetings with two fishery associations.

- Have been postponed to the fourth period.

MINRD (PP5):

- Local meetings, school visits, and other activities: These activities have been postponed to the third period of the project implementation.
- In progress and is depending by the national safety regulations; 2 schools were identified and preparing for training 100 children starting in September 2021.

BSNN (PP6):

- 4 meetings in total. Local meetings, school visits, and other activities: These activities have been postponed to the third period of the project implementation.

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			In Progress
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: 4 face to face meetings were organised.</p> <p>IBEDC: At 6 offline Trainings for children and students were trained 180 persons for raise awareness in marine litter issues.</p> <p>MN: 5 trainings for students took place (2 online and 3 school</p>	May 2022	40	23	23	In progress

		<p>visits) during which 304 students were trained about marine litter.</p> <p>IO-BAS: Four schools and two fishery associations were visited.</p> <p>MINRD: These activities have been postponed to the fourth period of the project implementation</p> <p>BSNN: 3 meetings participating by 71 participants from 9 schools and two community cultural clubs (Dimcho Debelyanov School in Burgas, Assen Zlatarov and Phar-1946 organising the youth clubs)</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, and children in the local areas.		November 2020	November 2022			Not started
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	<p>LP: 6 face to face and one online meeting were organised local people and decision makers.</p> <p>IBEDC: 4 offline trainings for raising awareness of adults, with participation of 109 persons (Public servants from regional and</p>	November 2022	60	21	21	In progress

		<p>local authorities, Fishermen, Professors, lecturers/teachers, Tourism agency and operators, Entrepreneurs, Employee from private companies, citizens, NGO's, volunteers)</p> <p>MN: 9 trainings for raising awareness of adults, with participation of 167 persons (teachers, beach operators, media representatives, citizens, NGO's, volunteers, priest, company employee)</p> <p>IO-BAS: One Local fishermen meeting.</p> <p>MINRD: One training with local people and decision makers to raise awareness were organised during the reported period.</p> <p>BSNN: Delayed and cancelled because of COVID-19.</p>					
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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	Dec 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:

In the social media more than 5000 social media follower reached LitOUTer project outputs.

LP (PP1):

The address of the website and social media accounts (LP-Attachment-PR-3);

- Website: <https://litouterproject.eu/> (2609 times visit by 824 visitors)
- Facebook: <https://www.facebook.com/litouterprojecteu/> (124 follower)
- Instagram: <https://www.instagram.com/litouterprojecteu> (118 followers)
- Youtube: https://www.youtube.com/channel/UCCUzM9HTrmcCeOYXjp7qlYw?view_as=subscriber (18600 visit; for three videos (I don't want to be a litter (EN and TR), "ATMA" and National TV)

IBEDC (PP2):

- Website: <http://ibedc.ge/projects/project-litouter>

MN (PP3):

- MN made and sent to mass media 2 press release about marine litter beach survey, results of the survey and future actions.
- MN presented the project activities and results on various media interventions, with appearances on TV, radio, newspaper. 31 media appearances. These media appearances resulted from the transmission of press releases and social media posts related to the project activities.
- Social media - 20 posts on Facebook and 5 on Instagram. All these posts were related to the marine litter beach survey and trainings, activities that are associated with EMD in my country events. In order to promote the project activities at European level, Mare Nostrum submitted some activities at "EMD in my country" (Marine litter case study - April and September 2021, and trainings that will be organized by Mare Nostrum between April and September 2021).
- Attachment - LitOUTer dissemination Mare Nostrum - PR3

IO-BAS (PP4):

- Two Social media publications (<https://bnr.bg/varna/post/101474961/prouchvat-kolichestvata-plastmasa-v-chno-more>, <https://www.maritime.bg/75372-2/>)

MINRD (PP5):

- Social media activities: sharing the project activities of NIMRD via the facebook page of NIMRD and LitOUTer official project link

BSNN (PP6):

- <https://www.bluelink.net/novini/kak-da-rabotim-s-tselevite-grupi-ot-chnomorskiya-region-za-da-postignem-dobri-rezultati-v-n> 11.03.2021
- <https://www.facebook.com/bsnn.SaveGREEN.bulgaria/posts/188280403139017> 27.04.2021
- <https://www.bluelink.net/novini/obucheniya-na-razlichni-tselevi-grupi-po-proekt-za-morskite-otpadatsi.html> 14.05.2021

total about 1000 visits and followers

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	December 2022			
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	December 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

<p>Deliverable Deliverable D.C.4.1.</p>	<p>Web site, logo and social media activities</p>	<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>BSNN provided translation in Bulgarian of designated sections of the project website and send press releases and publication links. BSNN provided information about the project to Achtorpis Association, leader of BSB 884 for the sister projects section on their website https://bsbecomonitoring.net/, supporting synergies, press release 2, https://www.bluelink.net/novini/prouchvane-na-naglasite-zamalyavane-na-otpadatsite-srednaselenieto-ot-krajbrezhieto-nach https://www.facebook.com/permalink.php?story_fbid=2899967046954483&id=2235656726718855</p> <p>Web site will be up to date frequently to follow project activities. Other social media such as facebook, Instagram, whatsapp, etc. will be used very</p>	<p>December 2022</p>	<p>3</p>	<p>0</p>	<p>3</p>	<p>Proceeding according to the work plan</p>
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		active to reach stakeholders and target groups. The number of followers will be counted to determine interested people for marine litter problem. The social media accounts actively used for demonstration of the project activities New publications can be used as well					
Activity Number	Activity title		Start month	End month			Status
Activity C.5	Publication(s)		October 2020	December 2022			
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Target Value	Achieved so far	Achieved in this report	Status
Deliverable Deliverable D.C.5.1.	Publication of project outputs	Symposium book (1), partner meeting minutes (9) will be published. One partners meeting agenda and meeting minutes were submitted (Attachment-1)	December 2022	10	4	1	Proceeding according to the work plan
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 Deliverable D.C.6.1.	TV programme(s) and local and national news	Main activities will be announced via local and national televisions. In local TVs, radio meetings	December 2022	12	14	5	Proceeding according to the work plan

		<p>interview programmes will be organised. The project activities will also announce via local newspapers.</p> <p>LP: 1 National TV programme and 4 newspaper news were subjected about the LitOUTer activities in this period.</p> <p>IBEDC: N/A</p> <p>MN: MN presented the project activities and results on various media interventions, with appearances on TV, radio, newspaper. 31 media appearances.</p> <p>IO-BAS: Two Social media publications (https://bnr.bg/varna/post/101474961/prouchvat-kolichestvata-plastmasa-v-chernomore, https://www.maritime.bg/75372-2/)</p> <p>MINRD: Planned to be organized for the next reporting period</p> <p>BSNN: Survey of awareness and trainings for target groups.</p>					
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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	€ 51 001,34	€346 474,66
B2 - IBEDC	€ 110 000,0	€ 24 066,0	€ 85 934,0
B3 - Mare Nostrum NGO	€ 100 000,0	€ 38 170,0	€ 61 830,0
B4 - IO-BAS	€ 117 450,0	€ 27 741,54	€ 89 708,46
B5 - NIMRD	€ 100 000,0	€ 13 768,0	€ 86 232,0
B6 -BSNN	€ 104 392,80	€ 39 202,24	€ 65 190,56
TOTAL	€ 929 318,80	€ 193 949,12	€ 735 369,68

* 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

In this project implementation period, two partners had delay at the workshop organisation (LP and NIMRD (PP5)). This delay will not affect project implementation negatively. The revised schedule is below. The first workshop was used to be held in April 2021 by LP but the Covid-19 pandemic limitation, the date postponed to September 2021. The other workshop also was not organized in June 2021 but it will be organized to November 2021 by PP5 as planned. The others will be organized as planned in the project implementation schedule.

Table: Revised workshop schedule

Partners	Workshop-1	Workshop-1	Workshop-2	Workshop-2
	previous	Revised	previous	Revised
PP1	April-2021	September-2021		
PP5			June-2021	November-2021

NIMRD: Due to the restriction of Covid-19 third wave in Romania, overlying with this reporting period, the initial planned two-days' workshop in Constanta was postponed to 1st November 2021.

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, stamp ¹ (electronic signature)	
Position	LEAR
Date	31.08.2021

¹ If foreseen in the national legislation