

Project Charter

Project Title: Cleaner Rivers - Cleaner Seas

Project Acronym: CRoCuS

Project eMS Code: BSB 784

1. Project Summary

Marine litter is one of the biggest threats to Black Sea ecosystems as well as to human health and economic welfare. A significant proportion of the marine litter results from river inflows whose impact is worsened by adverse events resulting from climate change. Leaving this damage unattended would inevitably result in serious environmental, health, social and economic disaster for the teeming population of the Black Sea Region. The provision of a quick solution became imperative.

In view of the above, the partners of the CRoCuS Project have come up with the following action plans for solution of this problem: stopping the generation of riverine sources of these litters; stopping deposition of these litters from river-based sources. These can be achieved using a wide range of local actions comprising, rapid quantitative assessment of wastes near the affected rivers, awareness-raising, as well as improved waste and wastewater/greywater/excreta management practices. We believe that these can bring a sound regional impact on the prevention and reduction of Black Sea litter.

The CRoCuS Project is a partnership of 4 NGOs and 1 townhall from Moldova, Ukraine, Bulgaria and Romania. These partners have produced innovative tools for rapid assessment of river litter and waste recycling potential; for promoting sustainable waste management practices; sharing good practices and mistakes, as well as spreading the word across the borders for reduction of bio-degradable wastes and plastics recycling and minimization.

A wide awareness-raising campaign, capacity building of local actors and mobilization of communities on river litter reduction and prevention will be conducted. The partners will bring their various experiences to bear, including new coordinated actions and knowledge, comprising: a trash alert mobile application, teacher trainings and experience sharing workshops, demonstration activities on how to produce compost and mulch, clean-up activities on the rivers Prut, Dniepr and Tundja, ways of reducing/recycling of plastics, press conferences/social media, TV/radio promotions, implementation of demonstration facilities on sustainable waste management in 7 communities located on the banks of Prut, Dniepr and Tundzha rivers, development of training packs and promotional/educational materials.

Mobility and equivalent sharing of knowledge and experience during Steering Committee Meetings and participation in public events of each partner will strengthen the cross-border cooperation among Bulgaria, Moldova, Ukraine and Romania.

As the crocus flower, which is spread everywhere and is the symbol of cleanliness and purity, so would the CRoCuS project contribute to reduction in river littering and therefore to marine litter; and these actions could be replicated everywhere. By its actions, the CRoCuS project fits into the EU-wide "quantitative reduction headline target for marine litter, and promote a healthy and safe environment in the Black Sea region.

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2. Project Partners

Project Partner	Description	Legal Representative
Earth Forever Foundation - EFF Bulgaria Lead Partner	<p>Earth Forever Foundation (EFF) is a non-governmental, non-for-profit organisation registered in 1998 in Stara Zagora, Bulgaria. The mission of the organization is to promote community sustainable development through proper environmental management, efficient economic practice, and social justice. EF designs and implements initiatives, by involving citizens and youth, in order to improve the community environment, raises civil awareness to insist on sustainable environmental decisions, and works closely with decision-makers to guaranty sustainable management. EFF's strength is founded on its member professionalism, enthusiasm, and realistic approach. Earth Forever is a member of Global Water Partnership (Sweden), Sustainable Sanitation Alliance (Germany), Women in Europe for a Common Future (Germany), Women for Water Partnership (The Netherlands), Climate Change Coalition (Bulgaria), Solidarity Water Europe (France), International Secretariat for Water (Canada). Within the years EF works very closely with a number of international organisations and programs - WSSCC (Geneva), Protocol on Water and Health (UNECE), UNESCO (Paris), IRC (The Netherlands), as well as with universities - Human Ecology (VUB, Brussels), Trakia University (Bulgaria). EF closest international partnerships are with Mama-86 (Ukraine), WiSDOM (Moldova), Armenian Women for Health and Healthy Environment (Armenia), Pakistani Youth Water Parliament (Pakistan), WASTE (The Netherlands).</p> <p>In Bulgaria, EF works in collaboration with the Ministry of Health and its regional inspectorates, the Ministry of Environment and Water and its regional inspectorates. In some municipalities of Bulgaria (Stara Zagora, Radnevo, Pleven, Pravets, Maglizh) EF has built a complex network involving the municipality, mayoralities, schools, community centers (chitalista), as well as regional inspectorates of public health, environment and water, education, media, civic organisations, business, academia.</p>	Diana Iskreva E-mail: diskreva@earthforever.org Phone: +359 879898376
Women in Sustainable Development of Moldova - WiSDOM Moldova PP2	<p>WiSDOM is a non-profit organization headquartered in Chisinau, which promotes a WISE ATTITUDE toward present and future. WiSDOM association has the mission to raise awareness and strengthen the capacity of rural communities and women for sustainable development. WiSDOM achieves its objectives by educating and informing the public on sustainable development and environmental issues, encouraging, supporting and coordinating the work of women in sustainable development; carrying our</p>	Nadejda Andreev E-mail: wisdom2004@gmail.com Phone: +37369002283

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	<p>research in priority areas of association: sustainable agriculture, biodiversity conservation, assessment of the human health risks on health and ecosystems, sustainable use of resources). For successful implementation of the projects, the organization focuses its activities on community needs assessment, and involvement of local stakeholders and appropriate local and international experts. Main focus area are rural areas, by offering sustainable decentralized and simple solutions accessible to a wide range of population.</p>	
<p>Association of Ecotoxicologists of Moldova - Ecotox Moldova PP3</p>	<p>The Association of Ecotoxicologists of Moldova ECOTOX (Moldova) - NGO is a non-governmental association, headquartered in Chisinau. The organization has a valuable experience in the application of scientific results in such fields as ecological education, water and health, insurance of human health, environmental protection, and aquaculture. Since its foundation, ECOTOX has successfully finished a series of project and among them:</p> <ul style="list-style-type: none"> - Ensuring the integrated management of water resources in Raut river basin through the application of scientific, informational and demonstrational tools (2018-2019); - Evaluation of ecological state of freshwater ecosystems of Medial Dniester river and the influence of hydrotechnical constructions and other anthropogenic impacts (NEF of Moldova, 2007 -2008); - Saving our streams (REC-Moldova, 2005-2007), etc. 	<p>Elena Zubkov</p> <p>E-mail: ecotox@yahoo.com Phone: +37379638311</p>
<p>Novokakhovska Miska Hromadska Ekolohichna Organizatsiia "Mama-86-Nova Kakhovka" - Mama-86-NK Ukraine PP4</p>	<p>MAMA-86-Nova Kakhovka (Kherson oblasti, Ukraine) became a member of Ukrainian National Environmental Network (UNENGO) MAMA-86 in 2008, having an individual membership and cooperation with MAMA-86's network since 2002. Since then MAMA-86 Nova Kakhovka is a partner of all MAMA-86's network projects, as well as own projects implemented at local and regional levels (Kherson oblast and the Lower Dnieper region).</p> <p>MAMA-86-Nova Kakhovka has experience on public awareness raising on environmental issues, sustainable development, greening economy and lifestyle/consumption, Integrated Water River Management (IWRM), water and health security, separate collection and recycling of waste, wastewater and human excreta. It has experience on establishing of constructive relations with local authorities, representing of local communities/NGOs and it took part in different decision-making processes (public consultations and involvement in public hearings on environmental issues) at the local and regional levels.</p>	<p>Taisa Kozak</p> <p>E-mail: mama86nk@gmail.com Phone: +380954732767</p>

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<p>Oancea Townhall Romania PP5</p>	<p>The primary purpose of the Oancea townhall is to meet the needs of the people and achieve their social welfare. As a public institution, its activity is directed towards achievement of community financial, public-household, and social objectives. The main financial resources of Oancea townhall come from taxes and fees established by law, taxes and special fees established by the decision of the Local Council, as well as from sums disbursed by the Galati County Council. Waste reduction and recycling are among the major objectives of the commune Oancea, as the existing strategy on waste management recommends the prevention of waste generation, treatment of waste, recycling and reuse, optimization of methods for final waste elimination. Also, as the commune aims to preserve and ensure the continuity and sustainability of the fishery specifics of Oancea commune, and improve the attractiveness of the area, reduction of litter in the recreational areas, including those for fishing, is a major objective of the commune. As other communities, Oancea commune contributes to the realization of the National plan for separate collection, reduction and recycling of biodegradable waste. On the territory of commune Oancea there are two companies involved in selective collection of waste - Gemina Servexim and Cazacioc for animal manure. The recycling of organic waste via composting is done only partially. The non-degradable waste is collected by specialized companies that work on recycling.</p>	<p>Victor Chiriloaie E-mail: primar@primariaoancea.ro Phone: +40 722-239900</p>
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3. Project Objectives

Project Overall Objective	Project Main Result	
<p>Raise the awareness and develop innovative tools, best practices and partnerships in Moldova, Romania, Bulgaria and Ukraine for the prevention, reduction and recycling of river litter</p>	<p>Increased awareness and engagement of local authorities, environmental monitoring authorities, business and youth for the prevention, reduction and recycling of litter from Prut, Dniepr and Tundja rivers.</p> <p>The project will contribute with a rapid and assessment of the magnitude of the impact of river litter and the potential for its reduction, through sensitizing and mobilizing of key local stakeholders of target communities located on the banks of Prut river (Romania and Moldova), Dniepr river (Ukraine) and Bulgaria (Tundja River). By reducing the river litter, the project will add to a reduction of marine litter within the Black Sea basin, thus contributing to the priority 2.2 of BSB program.</p>	
Project Specific Objectives	Title	Description
<p>Project Specific Objective 1</p>	<p>Develop innovative tools, build the capacity of local public authorities, business and environmental monitoring authorities as well as mobilize local</p>	<p>The current project foresees the development of a trash alert mobile application which will help to quickly report to the authorities the existing litter hotspots, so thus speeding up the collection process. It will also add capacity building of local authorities, business and environmental</p>

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	volunteers for assessing hotspots and reducing of river litter	monitoring authorities and promotion of social responsibility of local youth volunteers for the prevention, reduction and recycling of river litter.
Project Specific Objective 2	Promote sustainable management practices of recycling plastic and biodegradable waste	The promotion of sustainable management practices will be done through demonstration of small-scale facilities installed in each target communities. The objective will add to awareness raise, developing of best practices and partnerships between different stakeholders for the prevention, reduction and recycling of river litter.
Project Specific Objective 3	Assessing the potential of waste recycling in the basins of Prut, Dniept and Tundja rivers	Assessment will be done via undertaking studies made at the local level on waste generation, costs of transportations rate and existing companies of recycling. This objective will add to improved policies on management of plastics and biodegradable waste, while de developed feasibility study will contribute to the development of business initiatives in the project area.

4. Activities and Deliverables

4.1 Management M

Responsible PP - EFF

This Group of Activities will be led by Earth Forever Foundation and will include important components for maintaining a healthy project consortium and also implement effectively the project activities stated in the project description. The lead partner will undertake the main managing activities and communication with project partners, undertake sound project implementation and financial management, using the guidelines elaborated by BSB program and recommendations given by the Joint Technical Secretariat, including the grant contract, partnership agreements, project implementation manual, guide on reporting, evaluation approach and methodology as well as national legislation framework of the participating countries.

The financial management will be carried out in accordance to the requirements from JTS and MA, thus including the expenditure verification, preparing interim report and financial and narrative project reports and final financial and narrative reports. Each partner will have its own financial manager, who will keep the records of the document and do the document achieving in accordance to the project implementation manual and the requirements of the national accounting systems of the participating partner countries.

The Steering Committee Meetings will be used as important tools to communicate among the project consortium members and also to bring out all the project challenges faced with project implementation, the issues concerning the financial management, procurement, and interaction with local stakeholders. The Steering Committee Meetings will also strengthen the transboundary cooperation as they will serve as a platform for sharing experience, successes and failures, lessons learned among the project partners and communities they will implement the pilot actions. The outcomes of the Steering Meetings will be published on the social media and the project website, thus having a democratic and transparent way of implementing the project and functioning of the partnership.

Activity A.M.1 Project Initiation	Start Date	End Date
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	Jul 20	Oct 20
<p>Kick off activities will be organized by the Lead Partner with the Project partners. A skype conference will be organized after signing the project contract, that will be targeted at introducing the team to each other, gives clarity to all partners about the objectives, scope, cost, and timescale of the project. In addition, the partners will be informed about the required documents to be sent to the Lead partner for pre-payment, the need for registration of the projects for tax-exempt and co-funding. The LP will prepare a Skype report that will distribute to all partners.</p> <p>Lead partner will agree on how to work together effectively presenting the management structure and the project charter that will be approved by all partners during the kick-off meeting.</p> <p>The Project Charter will contain:</p> <ul style="list-style-type: none"> • Project name • Project general and specific objectives • Project expected results • Project deliverables • Project organization/ stakeholders • Budget approvals and resource allocation, including co-financing responsibilities • Success factors, constraints/project risks • Assigning of the project manager, coordinators, financial managers, and communication managers; • Steering Committee members <p>The partners will be informed about the issues on effective financial management, reporting periods, reviewed work plan for the first 4 months, tasks and immediate actions to be implemented and the main deadlines, approval of the communication strategy and dissemination of the project results. Also, project promotional materials and communication plan will be presented.</p> <p>Proper project team organization is one of the key factors to project success. For ensuring this, each team will contract the team members and in order to share the experience on who and what did in the project, the project portfolio will be developed that will be shared during the kick-off meeting.</p>		
Deliverables	Target Value	Delivery Month
<p>D.M.1.1 Skype Conference Report</p> <p>The Skype Conference Report will contain the participants who took part in the discussion, the main topics discussed and conclusions of the meeting. Source of verification: 1st Progress report.</p>	1	Jul 20
<p>D.M.1.2 Kick off meeting Report</p> <p>The report will contain list of participants, presentations, discussed issues, relevant photos. Source of verification: 1st Progress Report</p>	1	Oct 20
<p>D.M.1.3 Project Charter</p> <p>The project charter will be approved at the kick off meeting and will be used at each project management occasions to remind the team members about the main project structure, avoiding failures and how to contribute to success. Source of verification: 1st Progress Report.</p>	1	Oct 20
<p>D.M.1.4 Project portfolio</p> <p>The portfolio will include the list of team members, a short job description and qualifications, assigned activities, and place of work. Source of verification: 1st Progress Report.</p>	5	Oct 20

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Activity A.M.2 Expenditure Verification of the Project	Start Date	End Date
	Jul 20	Dec 22
<p>Expenditure verification will be carried out by each partner in accordance with the Partnership Agreement signed between the Lead Beneficiary and Beneficiaries, and expenditure verification arrangements of each partner. The Expenditure Verification work will be organised in accordance with the guidance presented in the Instruction(s) issued by the Managing Authority which contains the checklist of aspects to be verified, as well as the upon agreed procedure for the work to be carried out by the controllers, as applicable, in accordance with the control system established at national level in each participating country (Bulgaria, Moldova, Ukraine and Romania).</p> <p>The controller will examine whether the costs, as well as the revenue of the project declared by the Lead Beneficiary and the Beneficiaries, are real, accurately recorded, eligible and necessary for the implementation of the project, in accordance with the Contract, and issues a Certificate and an expenditure verification report conforming to the instructions of the MA. The Lead Partner will submit to the MA with the Interim and Final report, through JTS, the reports for expenditure and revenue verification with all the factual findings issued from all Partners' controllers involved in the project.</p>		
Deliverables	Target Value	Delivery Month
D.M.2.1 Expenditure verification reports	12	Dec 22
The expenditure verification reports will include project partners expenditure verification reports and consolidated project expenditure verification report for the interim and final project periods.		
D.M.2.2 Certificate of expenditure verification	10	Dec 22
The certificate of expenditure verification will be issued by the contracted controllers. The certificates will be attached together with the expenditure verification reports to the Interim Report. Source of verification: Interim Report.		

Activity A.M.3 Project quality assessment	Start Date	End Date
	Oct 20	Dec 22
<p>Every 4 month a progress project report will be delivered that will include the narrative description on progress made in the implementation, summary of the partners work, main outputs and target groups reached as well as a short overview of the activity's contribution and deliverable per each group of activity. The interim report will be presented at half way through the project implementation. The report will be prepared in the eMS system in accordance to the Guide on Reporting in the electronic Monitoring System (eMS) for Lead Partners and Project Partners. In order to produce sound interim reports, the Lead Partner will emphasize the importance of the interim report at the kick-off meeting as well as 1st and 2nd Steering Committee meetings. The project interim financial report will compile information on realization of the project from each Beneficiary. The following annexes will be included together with the interim report: 1) declaration of the Lead Beneficiary/Beneficiary; updated procurement plan; documentary evidence of outputs; documentary evidence of deliverables; promotional materials; standard Request for Payment; financial Identification Form, if modified from the one attached to the Grant contract; photos from events organised within the project; Photos with equipment/ facilities purchased/installed by the project, act of delivery/receiving.</p>		
Deliverables	Target Value	Delivery Month
D.M.3.1 Project progress reports	6	Nov 22

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The lead partner will compile information presented by each partner. Source of verification: eMS system.		
D.M.3.2 Project Interim Financial Report The project financial report will include the verified expenditures of each partner, that will be proved by the expenditure verification certificates and expenditure verification reports. The project financial report will also include the annexes as required by the project implementation manual and as described in the AM3 description. Source of verification: eMS system.	1	Dec 21
D.M.3.3 Project interim narrative report Project Interim Narrative Report will consolidate all the information from the partners on progress implementation during the period as foreseen in the eMS system (Application Form - reporting period). The narrative report will contain detailed information on the implementation of project activities, on indicators, outputs, deliverables, the project 's potential impact, and its sustainability. Source of verification: eMS system.	1	Dec 21
D.M.3.4 Project Final Financial Report It will include a compilation of the partner financial documentation on the expenditures together with the certificate and expenditure verification reports. Source of verification: eMS system.	1	Dec 22
D.M.3.5 Project Final Narrative Report Will include a compilation of partner activity, deliverable contribution and the impact of the project from each partner. Source of verification: eMS system.	1	Dec 22

Activity A.M.4 Evaluation of Project Success, Impact and Sustainability	Start Date	End Date
	Sep 22	Dec 22
The success of the project, impact on community lives and sustainability will be evaluated by each partner via opinions collected during the project implementation.		
Deliverables	Target Value	Delivery Month
D.M.4.1 Summary of opinions from project event During the activities carried out in the target communities, people's opinion concerning project interventions will be collected and analysed.	5	Dec 22

Activity A.M.5 Ensuring a Coordinating Effort of Project implementation	Start Date	End Date
	Jul 20	Dec 22
The purpose of the Steering Committee Meetings will be to, ensure delivery of the project outputs. During the project implementation there will 4 Committee Meetings organized in 4 participating countries, at these meetings, the partners.		
Deliverable	Target Value	Delivery Month
D.M.5.1 Steering Committee Meeting reports The report will contain agenda, the invitation, the list of participants, relevant presentations. photos and discussion points.	4	Dec 22
D.M.5.2 Report on co-funding	4	Dec 22

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The report will include the information on co-funding obtained by each partner		
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4.2 Implementation GA

Responsible PP - WiSDOM

The Implementation Group of Activity (GA) is the core GA of CRoCuS project as it puts a strong focus on the creation of an innovative tool for assessing the waste hotspots located in the vicinity of the rivers Prut, Dniepr and Tundja rivers, capacity building, awareness raise and strengthening of local multi-stakeholder partnerships between NGOs, local public authorities, the private sector, civil society and education institutions of Bulgaria, Moldova, Romania and Ukraine. The activities foresee both separate events and information/awareness raise tools and campaigns, capacity building as well as demonstration activities, that will raise the magnitude of the impact at a wider scale across the Black Sea region.

The implementation GA will demonstrate to local stakeholders from communities located on the bank of Prut, Dniepr and Tundja rivers, concrete example of waste reduction and recycling of wastewater/excreta by installing demonstration units of sustainable sanitation and waste management. Another aspect tackled by this GA is assessing the potential of recycling in the target areas (feasibility study and installation of test containers in a target community of Oancea commune, Romania) that will provide the partner NGOs from Bulgaria, Moldova and Ukraine as well as local stakeholders from Romania with tools for development of business plans on waste recycling and reuse/composting. An important consideration of this GA is sharing of the implemented demonstration activity on waste management/excreta and/or wastewater reuse/recycling to the partners involved. Therefore, the demonstration activities will be planned to be implemented in such a way that other involved partners can learn from it.

The current GA will contribute to the second objective of promoting replicable and cost-effective management practices of solid waste, wastewater and excreta recycling to NGOs, local authorities, environmental monitoring authorities and business organizations. The GA will be led by WiSDOM association; however, all the partners will be equally involved in this GA by implementing waste management facilities in the target communities they have chosen.

4.2.1 Project Main Outputs

Main Outputs	Description	Programme Output Indicator	
		Date	Quantity
O.T1.1 An interactive waste assessment tool is developed and disseminated in the Black Sea region	Development of Trash Alert Mobile Application (TAMA) provides opportunity to speed up the quick assessment of the waste hotspots close to the river banks or floating litter, illegal dumping and report it to the authorities that will take timely actions for collection or reuse of discarded materials. The elaborated TAMA is developed as an open-source tool, that can be downloaded for free on the project website by any interested stakeholders in project countries, Black Sea region or worldwide. The use of TAMApp would be promoted as a tool supporting the awareness raising efforts of schools, civil organisations and authorities to address the growing issue of	Dec 22	500 Number of persons actively participating in environmental actions and awareness raisin

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	<p>river litter and illegal dumpsites, which are huge problems for Bulgaria, Romania, Moldova and Ukraine, but also for the Black Sea region in general. The LP and other PPs will use their international contacts to promote TAMApp to be used in other countries worldwide facing illegal litter problems. The created TAMA is foreseen to be an Interactive/Participatory tool, which will provide an important access channel for waste management authorities to citizens and establish an interactive communication between these two entities. The application will allow the citizens to send queries, problems, comments or service requests to waste management authorities. The application can be of interest to municipalities since they (or any interested private bodies) can invest in the use of the application or its further development that may develop an improved waste collection services and also help to reduce the environmental and waste footprint by eliminating unnecessary travel and energy consumption. This will be achieved as a result of:</p> <ul style="list-style-type: none"> -Informing the citizens about the proper recycling/disposal procedures for most materials and the location and hours of operation for local drop off facilities, street cleaning, clean up days, recycling programs that have been established at their area and relative guidelines on how to participate in these programs; -Locating the non-conforming separate collections; -Receiving citizen feedback and information inquiry services (e.g. payment transactions between citizens and waste management authorities). <p>The citizens will be on their turn interested in the application as that will allow them to:</p> <ul style="list-style-type: none"> -Claim and report problems (e.g. illegal dumping, inadequate waste collection/cleaning services etc.); -Get contacts of entrepreneurs who are interested in buying paper, plastics, glass and metal waste. <p>Among the potential sources of financial sustainability for operating/further</p>	
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	<p>development of TAMA are: 1) projects from other sources including the municipality budget or private entities from the participating countries (for example currently WiSDOM association is working on a new project proposal together with municipality of Slobozia Mare, which will allow a wide application of TAMA; 2) waste collection fees (if the application is further developed/adjusted by the municipalities for their separate waste collection services).</p> <p>The institutional sustainability is that the local stakeholders (Project partners PP1 - PP5 and also youth, teachers, pupils, local public authorities from the communities located on the banks of Prut, Tundja and Dniepr rivers) who will be trained on the instructions for downloading and using the App and can share the information about this tool to various users via social media.</p>		
<p>O.T1.2</p> <p>30 local and national authorities, 30 NGOs and 20 business representatives, 80 teachers and 200 pupils have upgraded their knowledge and skills on sustainable waste/wastewater/excreta management practices</p>	<p>Training and increasing the awareness of local and national authorities (Ecological Inspectorates), local business, NGOs and young leaders is an important instrument for improving the waste management system in the communities located on the banks of the rivers and therefore to considerable reduction of the waste litter in the rivers. Deliberate waste dumping in recreational activities, improper waste management system at the local level, inadequate sanitation systems, lack of wastewater treatment facilities, limited composting and reuse in rural communities along with the lack of the financial resources and low level of awareness are common issues for all the communities of the countries involved. Strengthening of the local capacity is an important step to start the changes and shifting the paradigm, considering the waste as a resource for economic profit and job generation in rural areas, including women.</p>	Sep 22	<p>360</p> <p>Number of persons actively participating in environmental actions and awareness raisin</p>
<p>O.T1.3</p> <p>8 schools from 8 communities (80 teachers, 800 pupils) are aware of the threat and magnitude of river littering and undertake clean up actions and awareness raise campaigns using TAMA on</p>	<p>Litter removal, awareness raising, and active engagement of local schools will have a major direct effect on aesthetic value and biodiversity welfare of Prut, Dniepr and Tundja rivers freshwater ecosystems. Reducing the litter in the Prut and Dnieper rivers will diminish the marine litter problem of Black Sea, and decrease the litter in the Tundja river will contribute to</p>	Sep 22	<p>520</p> <p>Number of persons actively participating in environmental actions and</p>

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<p>Prut, Dniepr and Tundja rivers.</p>	<p>litter reduction in the Aegean Sea which is also connected to the Black Sea. The project activities such as clean-up activities and outdoor eco-parties will change peoples' behavior, particularly of youth, making them more responsible regarding waste reduction and recycling both at school and at their home. It also will have a wider impact on the community as a whole, since pupils are agents of change, transmitting the message to their parents.</p>		<p>awareness raisin</p>
<p>O.T1.4</p> <p>Sustainable best practices of organic waste, plastic recycling and excreta/wastewater reuse are promoted at local level in the project Municipalities as a best practice to be implemented at national level in Moldova, Romania, Bulgaria and Ukraine.</p>	<p>Improve the waste management system in Municipalities/Mayoralities along the Prut, Dniepr and Tundja rivers through demonstration activities (simple ways of producing stable compost, reducing plastics or recycling it into construction materials for construction elements (fencing and gate elements, landscape edge elements and trash bins made from plastic bottles), zero-waste approach in outdoor parties (eco-parties), closed loop approach in reuse of excreta/wastewater. Four Municipalities/Mayoralities will benefit to improve their waste management, and/or excreta/wastewater reuse: at least 1 from each of the project countries. The appropriate systems will be chosen in accordance to with the local situation and local stakeholders' approval. The participating partners Earth Forever, WiSDOM, Ecotox, Mama-86 and Oancea municipality will exchange knowledge, experience and innovative technological approaches between different participating communities.</p> <p>The demonstration activities for reduction/recycling of plastics or bio-degradable waste (green waste, kitchen waste and animal manure) as well as sustainable sanitation for reuse of excreta or wastewater will allow not only to make concrete changes in local management systems of the target communities but also will contribute to behavioral change of responsible authorities (local authorities, educational institutions), thus adding to an overall reduction in river littering in the future.</p> <p>Exchange visits of key-stakeholders - members of the project Steering Committee, from the project Municipalities/Mayoralities will offer</p>	<p>Sep 22</p>	<p>4</p> <p>Number of organisations using programme support to develop or improve waste mana</p>

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	networking opportunities and best practical examples of sustainable waste/wastewater/excreta management that could be adopted and applied to their own Municipalities/Mayoralties and circumstances		
O.T1.5 The potential of recycling/reuse of plastics/bio-degradable waste is evaluated in the project area.	The assessment study will be led by Oancea townhall and it will assist the local governments - Municipalities/Mayoralties, on the collection and analysis of data to generate a baseline on plastic waste and biodegradable waste to further develop viable business propositions for recycling the plastics and reuse of compost to be utilized by local government authorities. By installing test containers in the project municipality of Oancea, valuable economic calculations will be made on the amount of plastic waste generated and the potential for its compaction and recycling. The team of Oancea townhall will deliver trainings on the use of feasibility study and best practices on waste management applied in Oancea commune to Earth Forever, WISDOM, Ecotox, Mama-86 partners that could be multiplied in the project Municipalities/Mayoralties where they work to assess the economic potential for plastic waste recycling and support the efforts of the local public authorities. The issue of plastics is the number one in the project presented countries, however very limited information exists on the amount of plastics produced and the required space to start an income generating activity by the local governments.	May 22	4 Number of organisations using programme support to develop or improve waste man

4.2.2 Target Groups Involvement

The local public authorities of the target communities will be consulted in selection of places for installation of waste receptacles and their monitoring. In addition, the local and national public authorities (ecological inspectorates) will be involved in the elaboration of training manual and Trash Alert mobile application by providing relevant information regarding collection and reuse of waste, the possibility for waste recycling in the region. They will also be important end-users of the Trash Alert mobile application. Also, the implication of SMS in trainings can add to development of economic initiatives related to waste recycling. Teachers will also be actively involved in awareness raise activities. Based on guidelines provided by the participating partners, teachers will elaborate their own awareness raise activities for schools and at the community level. Teachers that will be trained will also engage pupils and activities of awareness raise and clean up expeditions, during which they will be important knowledge transmitters on waste compacting and recycling (e.g. composting of biodegradable waste, production of biochar and its use in agriculture), zero waste approach in outdoor parties. Pupils also will be engaged in the activities by working creatively together with teachers for organizing the awareness raising events. After participation in cleanup activities, pupils will reflect critically about the activities in a reflection essay.

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Local public authorities are very important actors in this GA, as after they have built their capacity in the first implementation GA of the project will see concrete examples on how to deal with the waste, reducing the volume, recycling and obtaining economic benefit from it. The rural communities and small towns of Moldova, Ukraine, Romania and Bulgaria are faced with serious issues of waste management and a big amount of waste goes either from the immediate vicinity or brought with the stormwater directly into the river. This place a shameful stamp on the landscape, reduce considerable the scenery and recreational values of rivers and pose big threats to aquatic diversity. The local and national authorities need to be informed, mobilized and helped to consolidate their efforts in setting up sustainable waste management schemes. Many times, being exasperated by the lack of finances to solve them, thus they leave unsolved the issue of waste and river littering, blaming this on people irresponsibility. At the same time there are limited cases of economic activities based on waste recycling in the region. Therefore, sensitization of local public and national public authorities (Ecological Inspectorates) is very crucial. These stakeholders will be involved by the partners in all the stages for collection of relevant data, undertaking assessment or installing/building of the small-scale facilities. The partners of the project consortium will also involve the interest groups, including NGOs, particularly women groups in the activities of this GA since waste recycling activity can be a potential appropriate job for rural women, who have very limited job opportunities. Partnering with SME is important since they either can contribute with co-financing of the project (e.g. Mama-86 Nova Kakhovka) or use the relevant data from the project (e.g. feasibility study) to start their own waste recycling economic activities. Local public authorities and Ecological Inspectorates will be consulted on the feasibility plan elaborated.

Target Groups	Description	Target Values
Local public authority	Local public Authorities will benefit directly from the project the Local public authorities of Văleni and Slobozia Mare, (Moldova, Prut river), local public authorities of Oancea commune (Romania, Prut river), local public authorities of Veseloe village as well as Tavriisk town (Ukraine, Kherson, Dnieper river), local public authorities of Yagoda and Yulievo (Maglizh municipality, Tundzha river, Bulgaria). By spreading the information and participation in the training other neighborhoods communities will be involved: Giurgiulești, Brinza and Colibași local public authorities (Cahul, Moldova). Information and results of the project implementation will be shared among the local authorities of the other Lower Dnieper region communities, first of among city authorities of c. Nova Kakhovka and local authorities of villages: Dnipryany and Korsunka of Kherson Region. The representatives of local authorities of these settlements will be involved in the training activities of the project too.	50
National public authority	National public authorities will be involved in training and consultation during the project: Ecological inspectorates of Cahul district Representatives of Ministry of Environment of Moldova, Department of Pollution Prevention and Waste Management. National Environmental Guard, Galati county, Agency for Environmental Protection, Galați, Agency of Environmental Protection, Maglizh municipality.	15
Interest groups, incl. NGOs	The partners involved in the project are: WiSDOM association, Earth Forever Foundation, Association of Ecotoxicologists of Moldova, Ecotox, MAMA-86- Nova Kakhovka. The information and knowledge obtained from the project will be also shared to:	40

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	Ecological Counseling Centre Cahul, CRAION Contact Cahul, Agency for Cross-border Cooperation and European Integration (ACBCEI-MD), Moldova, Eco-Contact, Eco-Tiras, Biotica Ecological Society (Moldova), the Ukrainian environmental NGO -network "MAMA-86" (12 branches working on water and wastes issues in different parts of Ukraine) as well as at regional level to NGO "Lastochka" from city Kherson and NGO "Oberih" from city Nova Kakhovka (Ukraine).	
Educational center and schools	The beneficiaries of the project, participants in awareness raise activities and clean up events will be: Lyceum "Mihai Eminescu", gymnasium "Alecu Mare", village Slobozia Mare, School of Village Văleni, Gymansial school "Vasile Seicaru" Oancea, schools of Yagoda and Yulievo In Ukraine the beneficiaries of the project and participants of the project activities will be students of the village school in Veseloe and school and lyceum in town Tavriisk, as well as in awareness raising - info actions will be involved students of city schools #3 and #10 and 2 Colleges (of agro-technologies and technical devices building) from c. Nova Kakhovka.	880
SME	Recycling companies will take part in project activities: such as trainings, consultation of feasibility plans. The following companies will take part in the project activities: Trisumg LTD (Cahul), ABS LTD (Chisinau), MoldREC (Chisinau). Gemina Servexim LTD and Cazacioc LTD (Romania), EcoProd Services LTD, Condrimar LTD, Eurocad LTD. In Ukraine the key project partners will be communal units dealing with waste collection and utilization in village Veseloe and in town Tavriisk.	20
General public	The general public will be informed about the project during public events organized and via media reportages and interviews. Inhabitants of villages Slobozia Mare and Văleni (Moldova). Inhabitants of Oancea commune (Romania). Inhabitants of Veseloe village, Tavriisk town (Ukraine). Unhabitants of Yagoda and Yulievo villages (Bulgaria)	2000

4.2.3 Implementation T1 - Activities and Deliverables

Activity A.T1.1 Developing and testing of Trash Alert mobile application (TAMA) and the user manual	Start Date	End Date
	Aug 20	Aug 22
<p>The TAMA will be elaborated by WiSDOM association in consultation with all other partners. The application can help to assess the volume of waste that could be recycled, provide valuable data for development of feasibility plans and can be a useful tool for SME too for economic activities from the recycling of plastics and biodegradable waste. The Trash Alert mobile application will allow assessing the magnitude of the trash dumped near rivers, indicating the approximate volume of plastics or biodegradable waste, waste compositions and potential impact on river biodiversity, reporting to relevant authorities and mapping of the areas. It will allow to upload pictures and identify the location coordinates. The user manual will describe the audience and purpose of the mobile application, a description on successful installation and user guide. It will also contain links for customer support or contacts of relevant authorities and organizations involved in waste collection and recycling activities. The development of the mobile application will consist of the following stages: requirement specification and system definition, system design, development of the application modules, database development, system and performance testing and final delivery and promoting. After its elaboration, WiSDOM association will provide a training for its use during the 4th Steering Committee Meeting, after which each partner will organize trainings for local stakeholders in the target communities (local</p>		

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schools). The tool will also be widely promoted on the social media. A link for downloading TAMA from Google Drive will be shared on the social media.

Deliverable	Target Value	Delivery Month
D.T1.1.1 Requirement specification document The document will list and describe all the key features of the mobile application and explain the functions that the application will be able to perform. A well-defined preview of the application final view will be obtained. This will allow knowing the interface, the features and other issues for the design and development stage. The source of verification: 1st progress report and 1st Steering Committee Meeting.	1	Dec 20
D.T1.1.2 A functional TAMA with user manual The design and development of TAMA will be done by WiSDOM member with an external expert. It will include the user interface, layout of navigation buttons and other visual elements, development, and management of application functions and features. The functional TAMA and instructions for download/links to customer support will be available for free download on the project website (facebook). Source of verification: 3rd Progress report.	1	Jun 21
D.T1.1.3 Usability Test At this stage, a usability test will be set up, that will determine how usable is TAMA to gain information on how users perform tasks, how they interact with functionality and how they interpret label names. For this purpose, each partner will test the TAMA in one school. Source of verification: Interim report.	1	Aug 21
D.T1.1.4 Report on the deployment, launching, and promotion of TAMA The report will include a folder with the following elements: 1) the links to the launching of the application with links to downloading; 2) discussions and opinions on the social media and also user opinions about the application, particularly of the users of the involved communities; 3) Partner opinions about usage/TAMA application Source of verification: Final report, link with the address for downloading on project website.	1	Aug 22

Activity A.T1.2 Develop a Training Pack on the main sources of pollution of rivers and the best available solutions for reducing river littering	Start Date	End Date
	Dec 20	Jun 21
<p>The Training Pack will be targeted at teachers, NGOs, local public authorities, and business associations. It will include the following main information: sources of land-littering activities such as recreational activities, illegal dumping, unsustainable sanitation and animal husbandry and also sustainable waste management solutions. The folders with contain awareness raising materials that will be distributed to teachers and will also include lesson plans and different activities for waste assessment and recycling while organizing clean-up activities.</p> <p>The Training Pack will be developed with participation of Ecotox, Mama-86, Earth Forever Foundation, and Oancea townhall, but different partners will be involved in the development of different modules. in accordance to their level of expertise and interest area of activity. Thus, Ecotox and Mama-86 will work on the impact of recreational activities and stormwater discharges on aquatic biodiversity while Earth Forever Foundation and WiSDOM association will work on assessing the contribution from unsustainable sanitation to river littering and impacts on river ecosystems. Sustainable waste management solutions will be a separate module of the training materials, to which all 4 partners will contribute. The materials will be distributed to teachers, NGOs and local public authorities during the</p>		

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trainings organized by partners. The team members of the Oancea townhall will include a separate module on best practices of waste management (plastics recycling and composting).		
Deliverable	Target Value	Delivery Month
D.T1.2.1 Training Pack	1	Jun 21
The Training Pack will be printed by each partner and distributed during workshops, demonstration days, master classes, public events. The source of verification: information on the project website, link for its downloading, Interim Report.		

Activity A.T1.3 Install small scale demonstration facilities/procure demonstration equipment for sustainable waste management	Start Date	End Date
	Aug 20	Aug 22
<p>Linked to this Activity, the following facilities will be installed/upgraded by partners:</p> <p>1) Facilities for producing of compost - will consist of compost barrels/boxes and will be implemented by Ecotox, Mama-86 and Oancea townhall. Ecotox association has experience in building low cost composting facilities in a school of Piatra village, Orhei district, which is located on the bank of the river Raut, a tributary of Dniester river. This facility was built during autumn, 2018 with the support from Swiss development and Cooperation Agency. In the CROCuS project, Ecotox association will upgrade these composting facilities (install an enclosure around the facility and improve the strength of the barrel), teaching Earth Forever and Mama-86 in building similar facilities in communities located on Dniepr and Tundja rivers.</p> <p>2)Facilities for reuse of excreta/wastewater - WiSDOM association and Earth Forever have experience in dry ecological sanitation facilities, greywater treatment, public and private blackwater treatment with simple filters and nature-based solutions. They will upgrade the already existing facilities and use them for training of other partners. will be implemented at schools or other institutions with ecological sanitation facilities and will consist of composting wheel bins where the excreta will be composted via lactic acid fermentation, a vermicomposting windrow, where further treatment will be performed and a demonstration small garden with different planted trees/decorative shrubs where wastewater/urine, composted excreta will be applied.</p> <p>3)Equipment for producing compost and mulch from organic waste (shredders, and leaf vacuum blowers for collection of dry leaves and a pyrocook stove to be used for biochar production - a product for obtaining high quality, stable compost) - Will be bought by all partners, the pyrocook stove will be bought only by WiSDOM, who will train other partners on its use. The equipment will be used for the purpose of awareness raise (demonstration activities, public events) as well as for assessing the quantity of waste produced and potential uses.</p> <p>4)Equipment for minimizing plastic waste: Eco hand pressers - will be bought by each partner, will be installed in schools and at supermarkets of the target villages, being used to trainings/awareness raise of project partners and local stakeholders and also to collect relevant data for the feasibility study - type of equipment is http://www.steeltec.cz/en/large-series-production/ecopress/ or https://www.elkoplast.eu/pet-bottle-press.</p>		
Deliverable	Target Value	Delivery Month
D.T1.3.1 Facility Pack on purchased equipment	5	Jun 21
Will include the list of equipment purchased with specific inventory number, a description of its use, exploitation and maintenance requirements, relevant photo or short video, purchase and tender documents, act of putting the		

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equipment into operation, the list of activities and the audience where the equipment was demonstrated/used. Source of verification: Final Report, JTS monitoring check reports.		
D.T1.3.2 Report on functionality of equipment, facility Will include the tender documents for purchasing of materials/services, the list and quantity of materials used to build the facilities act of deliver/receiving of the implementing partner and the beneficiary, a relevant photo, number and type of audience who visited the facility. Source of evaluation: Interim and Final Reports, JTS monitoring check reports.	5	Dec 21
D.T1.3.3 Photo exhibition The mobile exhibitions will be part of awareness raise tools and will include relevant photo on the use of equipment/facility and a facility/equipment short description. Will be also used to spread information on the project at public events.	5	Aug 21
D.T1.3.4 Media article The media article will contain information about the equipment purchased and its usability for minimizing the river litter, while producing valuable materials for improving the soil and adapting to climate change - compost and mulch (for maintaining moisture and reducing the impact from increased temperature.	5	Aug 22

Activity A.T1.4 Demonstration Activities		Start Date	End Date
		Dec 20	Aug 22
<p>The demonstration activities will be promoted via press releases as well as press conferences/TV/radio promotion, where the public from the project area and all those interested from other areas will be invited to take part.</p> <p>The demonstration activities will include two types of activities: a) demonstration days, and master classes carried out in the target communities located on the Prut, Dniepr and Tundja rivers or at the district level. During the demonstration days, equipment for grinding organic waste for production of mulch or compost, blowers for collection of dry leaves will be presented. During the master classes, participants will be taught on how to make construction elements (such as gate and fences elements, landscape edges and trash bins) made of plastic bags and plastic bottles will be presented. Business associations from local areas selling composting facilities as well as construction companies will be invited to take part in the event and demonstrate their products.</p>			
Deliverable	Target Value	Delivery Month	
D.T1.4.1 Report on demonstration activities Will contain information on the event location, audience, list of participants, the project staff involved and topics presented, main conclusions of the events.	5	Aug 21	
D.T1.4.2 Press release Will be published in the printed media to inform the public on demonstration events and call for participation.	5	Aug 22	
D.T1.4.3 Link to press conference/TV/radio promotion A press conference and a short TV/radio presentation will be held by WiSDOM association. The reflections from these events as well the links to the events will be shared to all partners via social media.	10	Aug 22	

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Activity A.T1.5 Teacher trainings and awareness raise	Start Date	End Date
<p>Partners will have to organize trainings in schools of target communities as following: Ecotox will organize the teacher trainings together with WiSDOM association, also representatives of townhall and 2 teachers from Oancea commune will be involved. Oancea townhall will not organize teacher trainings but only share the gained experience in their community. The trainings will be carried out via recruiting and training of voluntary teachers from target communities. During the trainings, teachers will be also consulted on the materials to be utilized for the training packs (lesson plans and different activities with pupils) and also on mobilization of the communities for clean-up activities. The trained teachers will also train pupils (100 per each school) and organize the clean-up expeditions on the rivers in their location. During the clean-up expeditions, the pupils together with the teachers will collect separately the plastics, compacting it with the hand presser installed in the recreational areas along the river, paper and biodegradable materials for composting and biochar producing.</p>	Sep 20	Apr 21
Deliverable	Target Value	Delivery Month
<p>D.T1.5.1 Reports on teacher trainings</p> <p>The reports will contain the list of participants, presentations and training materials, teachers' main contributions during discussion and relevant pictures.</p>	3	Apr 21

Activity A.T1.6 Networking and Experience Sharing Workshops	Start Date	End Date
<p>The first workshop will be organized by the Lead Partner, Earth Forever Foundation, back to back to the 1st Steering Committee Meeting, during the 8th month of the project. The event will be targeted at project participants and local stakeholders (representatives of local schools of project target villages, 50 participants). It will be focused on mobilizing youth in river cleanup activities and awareness raising campaigns. A site visit will be organized to the demonstration facilities: a) dry ecological sanitation facilities with greywater treatment, public and private blackwater treatment with filters and nature-based solutions (facilities implemented from other projects); b) composting facilities and equipment (implemented within the BSB project) will be also demonstrated, including co-composting of human excreta/sewage sludge; c) hand pressers installed in the local school (from BSB project).</p> <p>The second workshop will be organized jointly by WiSDOM and Ecotox during the 14th month of the project, in Valeni village and Slobozia Mare villages. During the first day participants from local schools, local public authorities from the target villages, but also with invitations from the NGOs, business associations and central authorities from other communities of Moldova, (50 participants), WiSDOM will present about sources of pollution of river litter from unsustainable sanitation and closed loop approach for reuse of wastewater/excreta and also will demonstrate the use of Trash Alert mobile application (TAMA). During the second part of the day, a site visit will be organized to the area, where the participants will learn on demonstration facilities implemented by WiSDOM and Ecotox - Facilities for excreta reuse and composting implemented at Slobozia Mare and Valeni schools. Also, small scale equipment for plastics minimization - plastics hand presser installed in the local school of Valeni village, with information and instructions on how to use it will be presented. Also, participants will watch a photo exhibition with pictures on promoting eco-bags and reducing the plastics disposal by changing the purchasing behavior (no plastic packages). During the second day, Ecotox will organize a training on the impact of recreational activities on river littering and the impact of plastics on river and marine diversity. Also, the Second Steering Committee Meeting will be organized by Ecotox association in cooperation with WiSDOM association.</p> <p>The third workshop will be organized together with the 3rd Steering Committee Meeting by the project partner PP4, Mama86 Nova Kakhovka during 21st month of the project, being focused on eco-friendly</p>	Oct 20	Aug 22

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recreational activities, including preventing of river littering and eco-picnics near the rivers. The participants will get familiar with the use of Trash Alert mobile application (TAMA) for assessing the volume of waste and also the use of training materials elaborated by the project partners. A site visit will also be organized where the participants will see different construction elements made of plastics which was collected by pupils from the vicinity of Dniepr river, hand pressers Eco Press installed in schools, used for plastics minimization, equipment and facilities for composting and waste receptacles installed in the recreational areas.

During the 4th workshop organized together with the 4th Steering Committee Meeting will be carried out during 27th month of the project by PP5, the Oancea Townhall will demonstrate the partners and local stakeholders (representatives from local and central authorities, business associations and NGOs) how to use the feasibility study on plastics recycling and reuse of organic waste. The participants will also visit the demonstration facilities installed in the area.

Deliverable	Target Value	Delivery Month
D.T1.6.1 Workshop Report The workshop report will contain the workshop venue, the list of participants, audience size and professional level, presentations, relevant pictures. The source of verification: interim and final reports, information on the event placed on the project website.	4	Aug 22

Activity A.T1.7 Evaluate waste recycling/reuse opportunities (plastics/organic waste) in the region	Start Date	End Date
	Jan 21	Aug 22
<p>The feasibility study will be elaborated by Oancea townhall but other partners can also contribute with relevant information about their regions. An analysis of the recycling opportunities at the local and regional level will be done. Each partner will also provide information on the existing companies that recycle plastics and will study the market for compost. The feasibility study will assess the amount of plastics produced and the quantity of compostable waste that could be potentially reused to agriculture. For this purpose, in Oancea commune (for example close to a supermarket or a bar), one container for collection of plastic bottles will be installed, where also the hand press with instructions on use will be available. The time for container filling will be calculated also other partners will provide information on the quantity of waste produced, so thus to calculate the storage space required and frequency of transportation to be used for collection of plastics and/or organic waste.</p> <p>Based on the location of the identified recycling company, the quantity of waste produced a cost/benefit analysis will be made for the infrastructure and labour required for collection. In addition to this, other project partners involved as they will introduce small scale composting facilities and procure equipment for organic waste grinding and collecting of dry leaves, they can provide relevant data on the costs of composting and cost/benefits from recycling the plastics, the benefits of recycling relative to waste disposal. After the elaboration of the first draft, Oancea townhall will consult the document at the local level and also with the project partners.</p> <p>The final document will be available for download on the project website. on Facebook and partners web-sites.</p>		
Deliverable	Target Value	Delivery Month
D.T1.7.1 Calculation sheets of project partners on generation of organic waste Will be elaborated by Oancea townhall and distributed to the project partners to make appropriate calculations	1	Aug 22

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Activity A.T1.8 Clean Up Days and Outdoor Eco-Parties	Start Date	End Date
<p>Clean up activities will be organized during April-May and September-October. The clean-up activities will be organized by sub-contracting teachers who were taking part in the trainings. They will act as mobilizers of the local schools and public authorities for cleaning the areas near the rivers and using of trash alert mobile application, that will allow to evaluate what are the risks of pollution, some basic economic calculations on the costs of removing, recycling potential, what proportion of waste can be recycled and reused, etc. The events will be organized with implication of pupils, teachers and local authorities from the involved communities, media representatives, but also of volunteers from other communities that will be invited via Facebook to take part in the events. It is expected that the fundraising and communication specialists will make the volunteers to also contribute to the costs of the event. During the clean-up activities, the partners will teach how to use TAMA, build different objects from plastic bottles.</p> <p>In the clean-up activities be organized by Mama-86 Nova Kakhovka, other partners will also participate. During the expeditions, WISDOM association will show how to use pyrocook for cooking food outdoor, while producing biochar from organic debris (dry vegetation, bones) for maintaining stable soils. Participating pupils will write a reflecting essay about the clean-up activities. To create a synergy effect, participants in all the locations also used the litter they collected to spell out the names of their clean-up sites and the project logo, showing the extent of the river litter problem as well as their determination to combat it. Calculations will be made for all rivers of the quantity of waste collected and the amount of efforts to be removed. The participants will also be taught how to organize eco-picnics and recycle bio-degradable waste, minimize plastic waste or change the purchase behaviour by not buying the plastics. The most active participants, who will present interesting solutions for cleaning and preventing of river litter, will be offered different prizes. The developed reports on cleanup activities and awareness raise events as well as the best selected pupil essays will be placed on project website and promoted actively for the Black Sea region.</p> <p>LP - bags for waste collection, gloves, raincoats, first aid kits, food for participants, small amount for teachers involved in organization of the event. The events will be organized as follows: 2 demonstration days (1 in each of the project villages 50 participants in each of them), master classes - hands on training of all interested people on composting and reduction of plastic waste (2 events - 1 in each of the project villages, 50 participants in each of the events), clean-ups - 2 events (1 in each of the project villages 100 participants in each of them). The costs related to catering and materials for participants; plastic bags, gloves, etc. Total 6 events - 400 participants in total.</p> <p>PP2 and PP3, 3 of one-day events - including the demonstration days (1 day - around 100 participants), master classes - hands on training of all interested people on composting and reduction of plastic waste (1 day, 100 participants), clean-up - 1 day, around 200 participants. The costs related to catering and materials for participants. Total 3 days - 400 participants.</p> <p>PP4 - materials for clean-up such as gloves, bags for waste collection, catering of participants, small amount offered to teachers involved in organizing the event. Mama 86-Novaya Kakhovka will organize 1-day clean-up days in spring and autumn - 4 events, 100 participants each. Total 4 clean-up days for the whole duration of the project implementation with 400 participants.</p> <p>PP5 - materials for awareness raise events, coffee and tea for participants, small amount paid to teachers organizing the event. 2 events of 1 day X 200 participants.</p>	Apr 21	Apr 22
Deliverable	Target Value	Delivery Month
D.T1.8.1 Press conference/TV and radio promotion	2	Apr 22

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Each partner will present the information before or after the clean-up events, informing the public about the event.		
D.T1.8.2 Winner list of most active teachers and pupils The most active participants among teachers and pupils, will be offered a small money reimbursement or different other types of prizes (booknotes and T-shirts with project visibility elements), diplomas.	1	Apr 22
D.T1.8.3 Virtual photo exhibition The photo exhibitions will be made by photographers of Earth Forever and WISDOM association and will contain relevant pictures from the event, that will call public attention on river litter, recycling and reuse of organic waste. The virtual exhibition will be placed on the project website.	2	Apr 22

4.3. Communication C

Responsible Project Partner - EFF

The Communication Group of Activity will highlight the content of the activities, deliverables developed and distributed under the Joint Operational Programme Black Sea Basin 2014-2020 (ENI CBC Black Sea Basin Programme 2014-2020), guarantying a high degree of transparency in the usage of ENI funds. For this purpose, the Lead Beneficiary and the Beneficiaries will take into consideration all necessary recommendations for publicizing the information about the project in accordance to Project Implementation and Communication and Visibility Manuals for the Joint Operational Programme Black Sea Basin 2014-2020.

All the communication and visibility elements before being published and spread will be checked and approved by the JTS. For ensuring an efficient communication and visibility of the actions, each partner will employ a communication officer, who will be responsible for elaboration, design, verification, approval and publication of materials, making arrangements for TV and radio broadcasts and published media articles about the project events as well as presentation of materials at the public events at local level. The partners will exchange promotional materials and learn through taking part in events that take place in other participating countries. The lead partner will emphasize the rules for communication and visibility at the kick off and Steering Committee Meetings.

Communication and Visibility activities will include elaboration and publication of visibility elements such as project logo, banner, stickers, leaflets and brochures, organizing of project launching/closing up events as well as participating in cultural events at local level, that will give opportunities to spread information about the project deliverables and activities.

4.3.1 Communication C - Activities and Deliverables

Activity A.C.1 Promotional material	Start Date	End Date
	Jul 20	Dec 20
The promotional materials will include the following visual identities: 1) the project logo; 2) the project roll-up banner (designed in such a way to be used as an Internet banner while announcing project events), 3) the project stickers with project visibility elements (to be placed on the equipment and facilities that will be implemented), 4) booknotes and T-shirts. The project logo and the banner will be elaborated by the LP and distributed to all partners for the feedback. The project visibility		

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elements will be elaborated during the purchase of equipment/facility installation; the booknotes and T-shirts will be distributed during the cleanup events.		
Deliverable	Target Value	Delivery Month
D.C.1.1 The project Logo The project logo will be used for all the documents and communication materials included in the project. Source of verification: 1st Progress Report, project documents containing logo.	1	Jul 20
D.C.1.2 The project roll-up banner The project banner will be elaborated by the LP. Each partner can use the English version to translate it into the national language. The banner will be of one type but 5 items will be printed. The source of verification: photos, 1st Narrative Report. Act of delivery and receiving.	1	Dec 20
D.C.1.3 The project stickers (300) The stickers will include the Programme's logo, the European Union's logo, the project's logo and the phrase "Provided with the support of the European Union" in English and in the local language. Source of verification: Interim and Final Reports, JTS/MA Monitoring Reports.	1	Dec 20
Deliverable D.C.1.4 Set of promotional materials (Booknotes- 300 items, T-shirts - 300 items, mouse pads - 50 items, magnets - 100 items, umbrellas - 20 items. The set of promotional materials will be designed by WiSDOM and will be distributed to all partners (50 items each) to be disseminated at clean up events.	1	Dec 20

Activity A.C.2 Communication start-up activities	Start Date	End Date
	Jul 20	Dec 22
<p>The project launching will be organized by Earth Forever, Ecotox, (in cooperation with WiSDOM), mama 86 and Oancea townhall. The launching events will be organized either in major cities located in the project areas or in the target communities, with invitees from local authorities, rayon authorities, school administration and media representatives, NGOs and waste management authorities (Moldova) will be also invited to participate. A plenary session with an overview of the whole project structure and objectives, the presentation of each GA (task and deliverables) and a special session on the project website will be outlined. At the end of the startup event, a press conference will be organized with the purpose to deliver information to the media and answer the questions of the reporters.</p> <p>The close-up meetings will be implemented by lead partner in Bulgaria, with the participation of all project partners.</p>		
Deliverable	Target Value	Delivery Month
D.C.2.1 Press releases The press release will be developed by the LP using the provided template and approved by JTS. The press release will be either sent to the press representatives or published in mass media. The source of verification: the link of the printed or social media, 1st Progress report.	5	Aug 20
D.C.2.2 Press-conference	7	Aug 22

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<p>The press conferences will be organized by Earth Forever (2), WiSDOM (3) and Ecotox (2) These communication tools will be designed to get positive press coverage and show the journalists the expected impact of the project. The source of verification: link of the contracted company for press conference, 1st Progress Report.</p>		
<p>D.C.2.3 Reports on launching seminars</p> <p>The reports will contain the venue of the event, the organizer, the list of participants, overview of topics discussed, relevant pictures and links to media reflections on the event.</p>	4	Oct 20

Activity A.C.3 Publications	Start Date	End Date
	Aug 21	Aug 22
<p>The publications on the project the leaflets and the brochure will have the goal to inform the public on project results. For the project launching each partner will produce a leaflet in their own language on the project goal, objectives, partners and communities involved, main expected results. The brochures will be published on the following topics: 1) Earth Forever Foundation/WiSDOM - about sustainable sanitation measures, reuse of wastewater/excreta and assessment tools of river litter, including the use of trash alert mobile application; Mama-86/Ecotox - project main activities on composting of organic waste in the project communities (all partners will contribute with information), Oancea townhall will also cooperate with all partners to produce a brochure on best practices of plastic recycling and peoples' opinions on the project. (results from the survey).</p>		
Deliverable	Target Value	Delivery Month
<p>D.C.3.1 Leaflets</p> <p>4 leaflets will be produced. LP foresees costs for 200 leaflets, PP3 - 100 leaflets, PP4 - 100 leaflets and PP5 - 100 leaflets). The topics will be: main project outputs, activities, deliverables and impact on the communities. The leaflets will be produced at various time of the project, the first leaflet that will describe the project will be produced by Earth Forever and distributed during the kick off meeting.</p>	500	Aug 22
<p>D.C.3.2 Brochures</p> <p>The total of 3 brochures will be developed by PPs with specific expertise to be shared with the other PPs and internationally as follows: 1) Earth Forever Foundation/WiSDOM - about sustainable sanitation measures, reuse of wastewater/excreta and assessment tools of river litter, including the use of trash alert mobile application; Mama-86/Ecotox - project main activities on composting of organic waste in the project communities (all partners will contribute with information), Oancea town.</p>	500	Aug 22

Activity A.C.4 Digital activities	Start Date	End Date
	Jul 20	Dec 22
<p>The digital activities will include the information on all project activities and results on a Facebook website, the information being also shared on the BSB web-site and web-sites of the partners websites. The web-site will be created by Earth Forever, however other partners will be included as administrators and could add and share information. Since the website on the Facebook is mainly for widespread of the information about the project, however with limited functionality, a project website will also be created and managed by the lead partner. On this website information about project</p>		

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events per partner, materials and deliverables produced during the CRoCuS project that could be downloaded, photo gallery.		
Deliverable	Target Value	Delivery Month
D.C.4.1 The link and short description about the project website	1	Oct 20
The project website will be an improvement and update of the existing website of the Lead Partner, with the involvement of a web developer of Earth Forever foundation. The report on the structure of the website and link to it will be presented by Earth Forever, each partner will present relevant information about activities.		

Activity A.C.5 Public Events		Start Date	End Date
		Jul 20	Dec 22
Each partner will use opportunities of major culture events such as autumn events (such as Crop Days, Golden Autumn, Day of the City, local music or food festivals for spreading of the information about the event. Each partner will need to present information at two local events. The partners will make sure to ensure participation of other partners in one event organized in their country, so that partners learn from each other and exchange the materials produced. At these events, partners will prepare an exhibition stand and present the photo exhibition with the most relevant photos about project activities and project deliverables (leaflets, brochures, Training Pack and the feasibility study), demonstration equipment for production of compost, construction elements made of plastics collected by pupils, the trash alert mobile application and the instruction manual.			
Deliverable	Target Value	Delivery Month	
D.C.5.1 Report about public event	5	Dec 22	
The report will contain a short description about the event, audience presented, list of materials distributed, relevant photos and partner reflections on the event. exhibition components: exhibition pop up table and book exhibition stand. The tent itself will contain logo and publicity elements of the project, so thus the visitor sees it from far away. Source of verification: Interim and Final Reports with relevant pictures about public events where information on the project was presented.			
D.C.5.3 Links to press conference/TV, radio or printed media with info about the event	5	Dec 22	
Partners will present the information about the exhibition area where to find information about the event and what materials they can find there.			

5. Project Budget

Partner		Programme Co-financing			Contribution			Total Eligible
Partner	Country	ENI, EUR	ENI Co-financing, %	Percentage of the Total ENI	Public Contribution	Private Contribution	Total Public Contribution	
EFF	Bulgaria	120 703.77	92	26,94	10 495.98	0	10 495.98	131 199.75
WiSDOM	Moldova	97 757.36	92	21,82	8 500.64	0	8 500.64	106 258.00
EcoTox	Moldova	92 522.52	92	20,65	8 044.48	0	8 044.48	100 556.00
Mama-86-NK	Ukraine	77 894.56	92	17,38	6 773.44	0	6 773.44	84 668.00

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Oancea Townhall	Romania	59 064.00	92	13,18	5 136.00	0	5 136.00	64 200.00
Total		477 931.21	92	100	38 950.54	0	38 950.54	486 881,75

5.1 Project Budget per Period

Period		Total Eligible for ENI Partners, EUR
Period 1	01.07.2020 - 30.09.2021	194 752.70
Period 2	01.10.2021 - 31.12.2022	292 129.05
Total		486 881.76

6. Project Risks

Risk Title	Risk Mitigation
Risks relation to local currency depreciation, increase in the cost of labor or supplies	Drawing a backup list of appropriate services/goods/works at lower price; carrying out of procurement procedures in reasonable time frames, identifying additional funding sources for procurements and for salary payment of the project staff.
Poor Maintenance of project facilities	The local stakeholders (schools, local public authorities) will be informed and adequately trained, various instructional and awareness raise materials will be distributed, e.g. the facility factsheets, will describe about each facility and equipment used in the project, their functionality and maintenance.
Covid-pandemic	Anti-covid measures have to be observed. Extra caution to apply adequate safety rules at group events and during international travel.

7. Assigned Project Manager/Project Coordinators, Financial manager/Accountants and Communication Officers

PP	Position/Name	Short Bio	Contact info
EFF - LP	Project Manager Diana Iskreva	BSc Physical Geography, BSc English, MSc Landscape management, MSc Agroecology, MSc Env management, control and health, MSc European governance Founder and Executive Director of EFF, she works in NGO sector since 1989. In 2012, AlertNet - the World's humanitarian news site of Reuters, nominated Mrs. Iskreva among the 10 Water Trailblazers in the world.	office@earthforever.org
	Financial Manager		
	Communication Officer Angel Gyaurov	MSc Graphic Design, MSc Photography Worked for FAO, UN-Water, UNSGAB, AfDB, etc. Professional in Illustrator, Photoshop, Indesign, Dreamweraver, HTML, CSS, etc.	office@earthforever.org
WISDOM	Project Coordinator		

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	Nadejda Andreev		
Ecotox	Project Coordinator Elena Zubkov		
Mama-86-NK	Project Coordinator Taisa Kozak	Medical Doctor, Public Health Experienced and respected medical professional with international professional carrier. A long-term citizen activist and leader. Experienced project manager, incl. of international projects. Experienced lecturer.	mama86nk@gmail.com
	Accountant Iuliia Bogynska	MSc Accounting and Auditing Chief accountant of secondary school №1 in Nova Kakhovka and accountant of Mama-86-Nova Kakhovka. Experienced in project accounting, incl. for international programmes.	iuliia22b@gmail.com
	Communication Officer Oksana Parafenko	MSc foreign language teacher in English and German Experienced teacher in English and German in Gymnasium № 2, Nova Kakhovka. Experienced interpreter. Russian (native), Ukrainian (native), English, German, Italian. Advanced computer skills.	oksanaparafenko@gmail.com
Oancea Townhall	Project coordinator		
	Accountant		
	Communication Officer		

8. Elected Steering Committee Members

Country/Stakeholder	Members		
	Name	Position	Contact Info
Bulgaria			
EFF	Diana Iskrevva	EFF Representative	office@earthforever.org
	Mariana Stoilova	Member of Board of Directors	office@earthforever.org
	Joseph Idigo	Manager Legal and Health Programmes	office@earthforever.org
Public Council	Maria Koleva Chair	Deputy Chair, Municipal Council, Maglizh Municipality	Mariqkostova1975@abv.bg
	Dusho Gavazov	Deputy Mayor, Maglizh Municipality	ob_maglizh@mail.bg
	Mariana Bijeva	Headmaster, Hr. Botev School, Yagoda	ouiagoda@abv.bg

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	Dimitar Dimitrov	Mayor, Yagoda	kmetstvo.yagoda@maglizh.bg
	Denislava Nedelcheva	Mayor, Yulievo	kmetstvo.yulievo@maglizh.bg
	Stefka Georgieva	Secretary, Community Cultural Center, Yagoda	geo_milev.1926@abv.bg
	Ivanka Atanasova	Secretary, Community Cultural Center, Yagoda	Chitali6te1@abv.bg
Moldova			
	WiSDOM		
Moldova			
	Ecotox		
Ukraine			
	Taisa Kozak	Chair, Ukrainian Steering Committee	
	Mama-86-NK	Oksana Parafenko	Deputy Chairman, Ukrainian Steering Committee
		Iuliia Bogynska	Secretary, Ukrainian Steering Committee
Romania			
	Oancea Townhall		

9. Assigned JTS Officers

Name	Position	Contact Info
Ana Maria Munteanu	Project Officer	E-mail: anamaria.munteanu@bsb.adrse.ro Mobile: +40 767 800 436 Office: +40 341 452 836
Magdalena Morosan	Financial Officer	E-mail: magdalena.morosan@bsb.adrse.ro Office: +40 341 452 836
Jesica Papusa	Communication Officer	E-mail: jesica.papusa@bsb.adrse.ro Office: +40 341 452 836

10. National BSB MAs

Institution	Address	Contact Person	Contact Info
Bulgaria			
Ministry of Regional Development and Public Works, "Territorial	Bulgaria, Sofia - 1000, 9 Stefan Karaja Str	Milen Obreteno, Head of INTERREG Programmes Department	Phone: 00 359 2 94 05 592; 00 359 2 94 05 594

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Cooperation Management" Directorate		Liza Kamenova, Senior expert INTERREG Programmes Department	E- mail: mobretenov@mrrb .government.bg; lkamenova@mrrb.gover nment.bg
Moldova			
State Chancellery of the Republic of Moldova	1, Piața Marii Adunări Naționale, Chisinau, Republic of Moldova	Oxana Gluscenco, Acting Head of Policy Coordination and External Assistance Division Daria Stratu, Senior Consultant Policy Coordination and External Assistance Division	Phone: + 373 681 92299; + 373 699 01388 E- mail: oxana.gluscenco@ gov.md; daria.stratu@g ov.md
Romania			
Ministry of Public Works, Development and Administration	14 Libertatii Blvd, Room 412, 040129 Bucharest, Romania	Magdalena Racoviță Jalova Voinea, Head of Unit Simona Arghire, counsellor	Phone: 004 0372 111 305 E- mail: magdalena.voinea @mdrap.ro; simona.arg hire@mdrap.ro
Ukraine			
Secretariat of the Cabinet of Ministers of Ukraine/Division for EU Assistance Coordination	M. Hrushevskoho str., 12/2, Kyiv 01008, Ukraine	Ganna Byelokolos, Deputy Director of the Department for International Cooperation – Head of the Division for EU Assistance Coordination Tetiana Tytarchuk, Deputy Head of the Division for EU Assistance Coordination Yana Mardus, Senior Specialist, Division for EU Assistance Coordination	Phone: +38066985365 3; +380504104131; +380977655533 E- mail: byelokolos@kmu. gov.ua; tytarchuk@km u.gov.ua; mardus@km u.gov.ua

11. Related Documents

A. Grant Contract BSB 784



SIGNED 1 Grant
contract BSB 784_LB



SIGNED 1 Grant
contract BSB 784_M/

B. Annex III Partnership Agreements

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Annex III
Partnership Agreement



Annex III
Partnership Agreement



Annex III
Partnership Agreement



Annex III
Partnership Agreement

C. eMS BSB 784



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12. Authorisation

PP	Name	Position	Signature
Earth Forever	Diana Iskрева	Project Manager	
WISDOM	Nadejda Andreev		
Ecotox			
Mama-86-NK			
Oancea Townhall			

Date: 27.10.2020
Place: Yagoda, Bulgaria

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