

Project Progress Report: CREATING A SYSTEM OF INNOVATIVE TRANSBOUNDARY MONITORING OF THE TRANSFORMATIONS OF THE BLACK SEA RIVER ECOSYSTEMS UNDER THE IMPACT OF HYDROPOWER DEVELOPMENT AND CLIMATE CHANGE

A.1. Project Progress Report Identification	
Project Title	CREATING A SYSTEM OF INNOVATIVE TRANSBOUNDARY MONITORING OF THE TRANSFORMATIONS OF THE BLACK SEA RIVER ECOSYSTEMS UNDER THE IMPACT OF HYDROPOWER DEVELOPMENT AND CLIMATE CHANGE
Project Acronym	HydroEcoNex
Project Website	
Project Number	BSB-165
Project Duration Start Date	21.01.2019
Project Duration End Date	20.05.2019
Project Priority	2. Promote coordination of environmental protection and joint reduction of marine litter in the Black Sea Basin
Project Priority Specific Objective	
Lead Partner	
Contact Person	
Reporting Period	Period 2 : 21.01.2019 - 20.05.2019

A.2. Highlights of main achievements
<p>During the second project period, the following achievements were obtained:</p> <p>Management - The second project period, the management work package was more focused on coordination of modifications in the project application, organization of the Second Steering Committee Meeting, participation in the trainings organized by MA and JTS on project management (LP, PP2 and PP3). In order to ensure timeliness and quality of implemented project activities, in line with the strategic objectives, goals and scope of the HydroEcoNex, an administrative monitoring visit was carried by LP and PP2 to Ukraine (PP4 and PP5). The progress of key project documents were monitored and recommendations were given for improvement.</p> <p>Implementation - The partners made an overview of historical and own research data and produced the first draft of the protocol of the impact. In the draft presented in the second project period, it is described the general situation of the major impact caused by hydropower on river ecosystems, including disturbance of the hydrological and hydrochemical regime, impact on hydrobiont community and penetration of invasive species, also the impact on microclimate and economic measures for evaluating the impact. The final protocol will contain recommendations on major parameters to be sampled for assessing the hydropower impact. Project results were presented at the Danube Cooperation Forum and 2nd Dniester river Commission.</p> <p>Communication - Project partners continue to work on dissemination of project results via distribution of project materials (leaflets produced by LP, PP4 and PP5, brochures and calendars - produced by PP2) at various events - such as Water's Day, Europe's Day as well as Environment's Day as well as presenting information on social media (Facebook), on TV and printed media. LP continued work toward design and completion of information of the project website.</p>

A.3. Project Specific Objectives

Project Specific Objectives	Level of Achievement	Explanations
1 - To elaborate a system of monitoring of the influence of hydropower engineering on environment state and ecosystem services delivered by rivers of the Black Sea Basin	to a large degree	All project partners were involved in the elaboration of the protocol of the impact, that included important parameters to assess the impact of hydropower and climate change on freshwater ecosystems of Dniester and Prut rivers. A more detailed draft will be presented at a later stage, during December 2020.
2 - To develop the policy instruments and enhance human capacities for integrated water resource management in light of impacts caused from hydropower and climate change	to a minor degree	PP2 was involved in organization of tender for the selection of the expert and also discussing with partners about the structure and content of the strategy. The strategy itself will be elaborated together with an international expert and the outcomes will be discussed during the international conference.
3 - To manage and disseminate the knowledge towards strengthening the transboundary cooperation on integrated monitoring of the impact of hydropower and climate change on river ecosystems	to a large degree	The transboundary cooperation was strengthened and knowledge was developed and disseminated during different local and international events: 2nd Steering Committee Meeting via Skype, monitoring visit in Ukraine, 2nd Meeting of the Dniester Commission (Kiev, Ukraine), Danube Regional Cooperation Forum (Galati, Romania), Water's Day, Europe's Day (Chisinau), presentation of information on facebook and reportages as well as publication of articles and abstract conferences (for references, see partner project report of project partners). Different stakeholders were informed about the project: representatives of regional authorities (interstate Commission on Dniester river), the ministries, interest groups and NGOs, students and researchers.

A.4. Target Groups Reached

Target Groups	Target Value	Target Groups Reached (previous periods)	Target Groups Reached (current period)	Source of Verification	Description of Target Group inv.	Target Groups Reached so far %
---------------	--------------	--	--	------------------------	----------------------------------	--------------------------------



regional public authority	5.00	0.00	5.00	Minutes of the 2nd Meeting of the Dniester Commission (2-5 April, 2019, Kiev). https://dniester-commission.com/en/meetings/the-second-meeting-of-the-bilateral-dniester-commission-in-kyiv/	The information on the project was presented to the Dniester Commission, which is the body of interstate cooperation of the Republic of Moldova and Ukraine. The Commission ensures protection, sustainable use and development of the Dniester River basin. Its main goal is the implementation of measures to achieve the rational and environmentally sound use and protection of water and other natural resources and ecosystems of the Dniester River basin in the interests of the population and the sustainable development of states. The Commission is headed by two co-chairs and consists of deputy co-chairs (Commissioners under the 1994 Agreement), representatives of the competent central executive authorities, representatives of regional authorities, academic institutions and organizations and relevant non-governmental organizations of Moldova and Ukraine. The Commission also creates working bodies and engages experts.	100.00
---------------------------	------	------	------	--	---	--------

national public authority	9.00	13.00	9.00	Reports presented to the Ministry available at the Institute of Zoology, Agenda of the Danube Cooperation Forum http://www.danubecooperationforum.ro/index.php/en/agenda , partner report nr. 2 of LP	Representatives of the Ministry of Education, Culture and Research as well as the Ministry of Economy and Infrastructure of Moldova were informed about project results and expenditures. Information about the project was presented also to the representatives of the Country Council of Galati (President of Galati County Council, Mayor of Galati).	244.44
interest groups including NGOs	13.00	27.00	13.00	Facebook page https://www.facebook.com/projectbsb165/?modal=admin_todo_tour https://www.ecotiras.org/ , partner report nr. 2 of LP	The interest groups, particularly NGOs active in the field of environment and water protection were reached via facebook page and partner website (PP2). Also, project materials were disseminated during the Water's Day and Europe's Day.	307.69
higher education and research	20.00	166.00	57.00	Partner reports nr. 2 LP, PP3, PP4 and PP5.	Researchers from the Institute of Zoology, students of the University "Dimitrie Cantemir", academic staff and students of UDJG, researchers of UkrSCES and HMC BAS were informed about the project.	1 115.00
General public	2 700.00	77.00	82.00	Facebook website of HydroEcoNex	The general public was informed about the state of Dniester river, hydropower and climate change impact during the public events - Water's Day, Europe's Day.	5.88

A.5. Work Package Management (management)						
WP number	WP title	WP start date	WP end date	WP status	WP expenditure - current report	% of WP reported so far
M	Management	09.2018	03.2021	proceeding according to work plan	0.00	0.00
Partners` involvement						
Abbreviation			Name			
IZ			Institute of Zoology (Lead Partner)			
Eco-Tiras			International Association of River Keepers "Eco-Tiras"			
UDJG			University Dunarea de Jos Galati			
SRI UkrSCES			Scientific Research Institution Ukrainian Scientific Centre of the Ecology of Sea			
HMCBAS			Hydrometeorological Center for Black and Azov Seas			
Please Describe The Progress In This Reporting Period And Explain How Were Partners Involved And Who Did What						
<p>LP consolidated the project team via organizing monitoring visit and offering recommendations on correct completion of the financial documents for PP3 and PP4. Also a Steering Committee Meeting was organized with all partners and recommendations were given on the second progress report as well as planning of expenditure verification and future activities to be implemented. Also LP prepared together with PP2, PP3, PP4 and PP5 and submitted to JTS the notification nr. 2, which contained some corrections in the delivery periods and budget details. PPP2 - took part in the Second Steering Committee Meeting and monitoring visit in Ukraine. Also, two representatives of PP2 took part in the JTS and MA training in Bucharest, Romania. PP3 took part in the 2nd Steering Committee Meeting and training organized by JTS and MA in Constanta, Romania. PP4 took part in the 2nd Steering Committee Meeting and systemized documentation for monitoring visit, also a representative of PP4 travelled to Chisinau for supplementary consultation on financial documents with project manager and financial manager of LP. PP5 took part in the 2nd Steering Committee Meeting and prepared financial documents for monitoring. All partners prepared documentations (in accordance to MA recommendations) and signed the contracts for expenditure verification with the selected the controllers (from the list of the MInistry of Finances).</p>						
Please Describe And Justify Any Problems And Deviations Including Delays From The Work Plan Presented In The Application Form And The Solutions Found						
<p>Some minor corrections of inconsistencies or errors which appeared while filling in the application form was made in the project budget (for reference on the details of changes made check Notification nr. 2 in EMS system which was submitted and approved by JTS). For ensuring correct expenditure and correctness of the financial documents, a monitoring visit was carried out in Ukraine, at PP4 and PP5.</p>						
Please describe progress achieved in this reporting period						
Activity Number	Activity title		Start month	End month	Status	
Activity M.1	Task definitions and project team mobilization		09.2018	10.2018	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable M.1.1	Consortium Agreement	The purpose of this Consortium agreement will be to specify the relationship among the members of the consortium, their rights and obligations.	10.2018	See Project Report 1, period 1	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable M.1.2	Job descriptions	Job description will provide a description of the personnel involved in the project. The lead partner will elaborate a template that will be distributed to all project partners, pertaining the post title, project title, project duration, responsible to, project background and purpose, scope of work, expected project outputs and activities in which the person will be involved, experience and qualifications and way of reporting.	09.2018	See Project Report 1, period 1	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable M.1.3	Skype meetings reports	The reports will summarize the main issues on presented during skype discussion and the plan of activities, tasks and relevant deadlines were agreed on.	10.2018	See Project Report 1, period 1	completed	
Activity Number	Activity title		Start month	End month	Status	
Activity M.2	Steering Committee Meetings		11.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable M.2.1	Steering Committee Meeting Reports	The meeting report will contain agenda, minutes of the meeting, list of participants, information about field trip relevant pictures, press releases and info on press conferences and evaluation forms of the meetings. The minutes of the meeting will summarize the main points of discussion, the quality of the provided reports, main project outcomes and deliverables, the level of deviation from the project plan, the main benefits for the target region and stakeholders involve	03.2021	The First Steering Committee Meeting Report is available in the Project Report 1, period 1. The second Steering Committee meeting report includes agenda of the meeting, minutes and screenshot with participants of the Skype conversation, for reference see the documents attached.	proceeding according to work plan	/home/eMS-Home/financeReport Uploads/PR35/D EL27652//2nd_Steering_Committee_Meeting.zip
Activity Number	Activity title		Start month	End month	Status	
Activity M.3	Financial Management and Auditing		10.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable M.3.1	A consolidated financial interim report	After the mid term project implementation the project partners will submit an interim financial report along with the scanned copies of the financial documents. The lead partner will make the consolidated financial report and contact partners in the case of additional clarification/corrections. The consolidated interim financial report will be submitted to the Managing Authority one month after the mid term project implementation (October, 2019).	10.2019		not started	

Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable M.3.2	Audit report	Each partner will need to undertake an audit to check the correctness and financial performance in accordance to the requirements of Financial Regulations and Directives of EC and the requirements of the BCB Programme. The audit report needs to certify that in accordance to the auditor opinion, the financial reports reflects the planned project planning and are in accordance to the national legislation on accountings. The auditor shall ensure that the audit work complies with internationally accepted audit standards.	10.2019		not started	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable M.3.4	A consolidated final financial report	The final financial report will be completed 6 month after the project finalization. The partners will need to submit their final financial reports 4 months after project completion. The project lead partner will check the project expenditure and make a consolidated final financial report and submit it 6 months after the project finalization	03.2021		not started	

Activity Number	Activity title		Start month	End month	Status	
Activity M.4	Project performance measurement, reporting and monitoring		09.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable M.4.1	Consolidated progress report	The progress reports will provide information about the implementation of project activities and their quality of implementation. The progress reports will be submitted the following month after 4 month of project period. The lead partner will inform the project partners one month before the last month of progress report and remind about the progress report. After receiving the project reports from the partners, the lead partner will make a consolidated report.	01.2019	The Project Report 1 for Period 1 was submitted on 20 of February. The Project Report 1, for Period 2 is in progress.	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable M.4.2	Consolidated final report	The final report will include the narrative report and will be prepared by the lead partners. The project partners will submit to the lead partners their final reports within 4 months after completion of the project implementation and the lead partner will prepare a consolidated final report within two month period and submit it to the Program Managing Authority.	03.2021		not started	
-------------------	---------------------------	---	---------	--	-------------	--

A.5. Work Package Creation of the up-to-date system of transboundary monitoring (implementation)

WP number	WP title	WP start date	WP end date	WP status	WP expenditure - current report	% of WP reported so far
T1	Creation of the up-to-date system of transboundary monitoring	09.2018	03.2021	proceeding according to work plan	0.00	0.00

Partners` involvement

Abbreviation	Name
IZ	Institute of Zoology (Lead Partner)
Eco-Tiras	International Association of River Keepers "Eco-Tiras"
UDJG	University Dunarea de Jos Galati
SRI UkrSCES	Scientific Research Institution Ukrainian Scientific Centre of the Ecology of Sea
HMCBAS	Hydrometeorological Center for Black and Azov Seas

Please Describe The Progress In This Reporting Period And Explain How Were Partners Involved And Who Did What

LP made an overview of literature and multiannual laboratory data was systematized and also new data on hydrochemical, hydrobiological and ichthyological state of lower Dniester was collected. The results are reflected in the protocol of monitoring the impact. PP2 made a comprehensive review of relevant foreign and national publications on monitoring the conditions of aquatic and riparian ecosystems, the methodic and set of indicators, best describing different impacts on transboundary river ecosystems, were proposed. Methodologies for the economic valuation of the water ecosystem services were selected. PP3 made a review of relevant national publications on monitoring the conditions of aquatic and riparian ecosystems, which allowed to propose the set of indicators describing different impacts on transboundary river ecosystems. The following issues were performed: Completion of the database with the historical data in the Romanian part of the Prut River basin on the variation of river flow and impact on river biodiversity. PP4 collected data from expedition carried out on Dniester river and analyzed the literature, presented a retrospective analysis of the 40s and 50s and the modern period from 2006 to identify indicators under the impact of hydropower development and climate change, which are reflected in the protocol of monitoring the impact. PP5 contributed to the completion of electronic database on the values of the parameters of the atmosphere and soil (14 parameters) of the meteorological stations of Dniester River basin; completion of field data of the hydrological regime at the hydrological posts of the Dniester River and its tributaries, calculating the volume of daily runoff at the sampling station Maiaky (Lower Dniester). All partners carried out also expeditions for estimation of the actual state on Dniester and Prut river and identify the main set of indicators of hydropower impact on hydrological, hydrobiological and ichthyologic parameter

Please Describe And Justify Any Problems And Deviations Including Delays From The Work Plan Presented In The Application Form And The Solutions Found

In the notification nr. 2 the following changes were made in the project periods: There were changes in the delivery month for the activity AT1.3 Economic valuation of lost ecosystem services and deliverable DT1.3.1 Report on valuated ecosystem services - from October 2019 it was extended to March 2020. Also for the Activity 1.8 Development of a strategy for bilateral cooperation on joint monitoring of transboundary rivers affected by hydropower and of the deliverable DT1.8.1 Final strategy document, the delivery month was changed from December 2019 to April 2020 (for reference on the details of changes made check Notification nr. 2 in EMS system).

Please describe progress achieved in this reporting period

Activity Number	Activity title		Start month	End month	Status	
Activity T1.1	Overview of the national and international legislation on monitoring of surface waters and transboundary use of aquatic resources		09.2018	09.2019	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.1.1	Review on legislation	The review will discuss the reference conditions for surface water, the national/international regulations on transboundary monitoring and legislative framework on climate change adaptation. The information will be reflected in the first progress report.	01.2019	The expert on law of PP2 compiled all the information presented by partners into a document and now is working on more details. A final legislation review will be presented during September 2019.	proceeding according to work plan	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.2	Monitoring of ecosystems state downstream the hydropower dams on the transboundary Dniester and Prut rivers		10.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable T1.2.1	Protocol of monitoring the impact	As in the case of separate data collection, the protocol will be based on the description of specific river impact parameters that are characteristic for transboundary river ecosystems, affected by hydropower. However, this time it will be possible to have a broader view on the impacts, jointly analyzing the issues, which face countries sharing the rivers for energy, drinking water, irrigation or other water services, and thus to prepare appropriate information for decision makers.	12.2020	The consolidated protocol of monitoring the impact contains information compiled by all project partners and include hydrological characterization of Dniester river, impact of hydropower on microclimate, the impact on hydrobiont communities; a general overview of impact of hydropower impact of Prut river on aquatic ecosystems as well as methodology of economic valuation of transboundary basin ecosystems. The final report will include methodological guidance on parameters to be investigated for reflection of ecosystem changes.	proceeding according to work plan	/home/eMS-Home/financeReport Uploads/PR35/D EL27659//Protocol_of_monitoring_hydropower_impact_consolidated.pdf
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence



Deliverable T1.2.2	Consolidated interim scientific report	The report will include an overview of the assessed impacts on the shared rivers, based on river processes and ecosystem response (physico-chemical and biological). All group of partners cooperating on shared rivers will write a report (5 reports will be produced), IZASM will systematize the final data to produce a consolidated final report (1). The report will be reflected in the Vth progress report a summary made in a language understandable to the general public will be placed on website.	10.2019		proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

<p>Deliverable T1.2.3</p>	<p>Scientific articles and thesis conferences</p>	<p>The published articles on new and historical data on the impact of hydropower on Dniester and Prut rivers will be used to communicate researchers from the field of water resource management on the developed common methodology of monitoring and its use for replication in other regions.</p>	<p>03.2021</p>	<p>The team members of PP2 submitted a manuscript of an article to the "Journal of Environmental Research and Studies" (USA), which is currently under a review process: Cazantseva O., Sirodov G., Corobov R. and Trombitsky I.: "Some approaches to the economic valuation of the wetlands biodiversity in Moldova". In addition to this article, abstracts for International scientific conference "Achievement in studies of marginal effects in water ecosystems and their practical significance" (Odessa, June 13-14, 2019) were submitted. The articles can be found in the proceedings of the conference attached in the report of PP2 for the second project period. Team member Luiza Florea presented 2 papers at International Scientific Symposium CURRENT TRENDS IN NATURAL SCIENCES, 18-20 April 2019, Pitesti, Romania:</p> <ul style="list-style-type: none"> • "The rare species of fish in the Prut river in the national and European context". • "Presence of Asian cyprinids species in the lower Prut River" 	<p>proceeding according to work plan</p>	
---------------------------	---	--	----------------	--	--	--

Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.2.4	Consolidated final scientific report	The lead partner will systemize the scientific reports presented by partners in a consolidated final report.	03.2021		not started	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.3	Economic valuation of lost ecosystem services.		09.2018	10.2019	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.3.1	Report on valuation of ecosystem services	The report will present an economic valuation of ecosystem services lost, the description of the methodology used and recommendation for the application of the methodology for calculating the compensation for the impacts.	10.2019		proceeding according to work plan	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.4	International workshop on validation of monitoring indicators		10.2020	10.2020	not started	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.4.1	Workshop report	The workshop report will contain agenda, the list of participants, main discussion points and presentations, relevant pictures, evaluation forms.	10.2020		not started	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.5	Testing of elaborated set of monitoring indicators on the transboundary rivers Dniester and Prut		03.2019	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable T1.5.1	Data sets for Dniester and Prut river	The data sets will be based on the description of specific river impact parameters of Dniester and Prut river, that are characteristics for transboundary river ecosystems affected by hydropower. However, this time it will be possible to have a broader view of the impacts, thus jointly analyzing the issues countries sharing the rivers for energy, drinking water, irrigation or other water purposes and prepare appropriate information for decision makers.	10.2020		proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.5.2	Guide on common methodology for monitoring of hydropower impacts on transboundary river ecosystems	The guide will discuss the overview of the elaborated monitoring methodology with particular emphasize of the investigated transboundary rivers. The guide will contain a general overview of the monitoring methodology developed (produced by IZASM), methodology of economic valuation of ecosystem services (produced by Eco-Tiras), case studies: Dniester river (produced jointly by IZASM, UkrSCES and HMCBAS), Prut river (produced by UDJG and IZASM).	10.2020		proceeding according to work plan	

Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.5.3	Scientific articles	Each team of partners working on shared rivers will produce a joint article with a critical analysis of the hydropower impacts in the context of climate change and the results of testing the elaborated set of monitoring indicators as well as recommendations for the potential decision makers.	03.2021		not started	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.6	Organize a youth summer school		07.2019	08.2019	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.6.1	Summer school report	The summer school report will contain agenda of the summer school, list of participants, video of photo recording, participant reflections on the event. The report will be available on project website.	08.2019	Preparations were made for the event: announcement of the YSS on social media, selection of participants and logistics arrangement, preparing of visibility materials (T-shirt), agenda etc. T-shirts was checked with JTS officer before printing. The event will start on 5 of July and will be finalized on 14 of July, 2019.	proceeding according to work plan	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.7	Knowledge transfer workshops for decision makers, water resource specialists and graduate students		12.2019	12.2020	not started	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable T1.7.1	Knowledge transfer workshop reports	The workshop reports will contain the agenda, list of participants, main topics discussed, presentations delivered, evaluation forms.	12.2020		not started	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.8	Development of a strategy for bilateral water cooperation on joint monitoring of transboundary rivers affected by hydropower		02.2019	12.2019	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.8.1	Final strategy document	The final draft will be delivered after receiving the final feedback from partners and relevant decision makers from the ministries and Water Border Commissions. The final document will be published in the proceedings of the international conference and also available for download on the project website.	12.2019	The expert was selected and contracted by PP2 and there is on-going work on the strategy,	not started	
Activity Number	Activity title		Start month	End month	Status	
Activity T1.9	Organization of an international conference on hydropower impact on ecosystem functioning		10.2019	11.2019	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable T1.9.1	Conference proceedings	The conference proceedings will include the collection of papers and relevant projects/actions related to the state of freshwater ecosystems of Prut and Dniester river and impact of hydropower that will be presented at the conference and the elaborated strategy for bilateral water cooperation on joint monitoring of transboundary rivers affected by hydropower, as well as the Conference resolution that will be delivered to the governments of the Black Sea countries.	11.2019	The first circular was prepared and sent to JTS communication officer and approved after fulfilling the recommendations.	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.9.2	Conference report	The conference report will contain agenda, list of participants, relevant photos, most relevant presentations, discussion points and conference resolution.	11.2019		not started	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable T1.9.3	Posters	Posters will present the main project results from the investigated rivers.	10.2019		not started	

A.5. Work Package Communication (communication)

WP number	WP title	WP start date	WP end date	WP status	WP expenditure - current report	% of WP reported so far
C	Communication	09.2018	03.2021	proceeding according to work plan	0.00	0.00

Partners` involvement						
Abbreviation		Name				
IZ		Institute of Zoology (Lead Partner)				
Eco-Tiras		International Association of River Keepers "Eco-Tiras"				
UDJG		University Dunarea de Jos Galati				
SRI UkrSCES		Scientific Research Institution Ukrainian Scientific Centre of the Ecology of Sea				
HMCBAS		Hydrometeorological Center for Black and Azov Seas				
Please Describe The Progress In This Reporting Period And Explain How Were Partners Involved And Who Did What						
<p>LP prepared leaflets in Romanian language, with a content that includes a general information, main groups of activities, expected results and brief information about each partner involved in the project. The leaflets were printed in black and white as well as color (60 copies) and distributed during public events as Water's Day (22 April, 2019), Europe's Day (11 May, 2019) and Environmental Day (07 of June, 2019). The rest (140 copies) will be printed and distributed during other project events (in accordance to the need). LP worked on the design and completing with information on digital platform. PP2 contributed to awareness raise on the impact of hydropower and protection of Dniester transboundary river via different interviews in printed media and video reportages. In addition, the youth summer school was promoted. The links to the most important interviews are presented below in the partner report of PP2. PP3 - presented information about the project at the conference "Fizica medicală: simbioză între Fizică, Medicină și Mediu" (Galati, 28 February 2019). In addition, Coordinator of the HydroEcoNex project, Prof. dr. Habil. Antoaneta Ene and Prof.dr.hab. Elena Zubcov, Project Manager, correspondent member of the Academy of Sciences of Moldova, participated in the works of the Forum for Cooperation in the Danube Region, organized by the "Dunarea de Jos" University in Galati from 11-12 April 2019. https://www.facebook.com/permalink.php?story_fbid=643077602810053&id=100013234571750, http://www.danubecooperationforum.ro/index.php/en/photo-gallery. PP4 and PP5 elaborated and disseminated a leaflet in Ukrainian language.</p>						
Please Describe And Justify Any Problems And Deviations Including Delays From The Work Plan Presented In The Application Form And The Solutions Found						
No delay of the work was encountered.						
Communication objectives - what is the progress toward the communication objectives as defined in the application form? The level of achievement should be cumulative; however the explanation should describe achievements in this reporting period						
Project specific objectives		Level of achievement		Explanations		
Please describe progress achieved in this reporting period						
Activity Number	Activity title		Start month	End month	Status	
Activity C.1			09.2018	03.2021	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable C.1.1	Report of the project launching events	The report will contain agenda, minutes of the meeting, list of participants, evaluation forms of the meeting and relevant photos. The minutes will reflect the following meeting components: 1) Project objectives and how they will be achieved; 2) Guidelines on the progress and financial reports, narrative final reports 3) Communication and dissemination guidelines.	12.2018	The reports of the project launching events are available in the Project Report 1, period 1.	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.1.2	Press release	The press release will be e-mailed to assignment editors and journalists at newspapers, magazines, radio stations, online media, television stations or television networks in Moldova prior the event inviting them to take part in the event.	12.2018	The press releases for the project launching events are available in the Project Report 1, period 1.	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable C.1.3	Press conference	The press conference will gather media representatives from main national radio stations, online media and television station. Also representatives from NGOs and local authorities from the target project areas will be invited. The purposes of the press conference will be distributing information to the media and answering questions from reporters on the project. The press conferences (12) will organized during the major project events.	03.2021	The press releases for the project launching events are available in the Project Report 1, period 1.	not started	
Activity Number	Activity title		Start month	End month	Status	
Activity C.2			11.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.2.1	Brochure	The content and design of the first brochure will be done by Eco-Tiras during 2018, bilingual English/Russian, A5 format, colour, 200 items. Another brochure will be elaborated during 2019 by IZ, in English/Romanian, A5, colour, 200 items. The pdf of the brochures will be available for download on the project website.	03.2020	The first brochure is available in the Project Report 1, period 1.	proceeding according to work plan	
Activity Number	Activity title		Start month	End month	Status	
Activity C.3			09.2018	03.2021	not started	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable C.3.1	Banner (10 items)	A banner (5 items) in English will be produced by the Lead partner and distributed to other partners. Eco-Tiras will also produce 4 items of roll-up banners (2 items - for summer school and 2 items for conference). UDJG will also produce one banner.	03.2019	The first banner was printed and distributed to partners. The act of delivery/receiving is available in the Project Report 1, period 1.	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.3.2	Calendars (300 copies)	Calendars will be produced by Eco-Tiras during December 2018 and distributed during different events in 2018 and 2019, including the conference and other project related events.	12.2018	The link to calendar downloading is available in the Project Report 1, period 1.	completed	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.3.3	Conference bags (100 copies)	The conference bags will be produced by IZASM and distributed during international conference and workshop.	07.2019		not started	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence

Deliverable C.3.4	Leaflets	The leaflets will be produced by each partner separately: 3 (IZ, UkrSCES and HMCBAS) during February 2018, 200 items by each partners. The other 2 leaflets will be produced during March 2019, by UDJG (100) and Eco-Tiras (300). The information included will be related to project objectives, results, project area and partners. The pdf of the leaflet will be available for download on the project website.	03.2019	The Leaflets on the project were produced and disseminated at different events by LP and PP4 and PP5.	proceeding according to work plan	/home/eMS-Home/financeReport Uploads/PR35/D EL27681//Leaflet.zip
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.3.5	Advertisement insertions in newspapers	The insertions will be placed in newspapers by Eco-Tiras and UDJG for communication about the project (during November 2018 and October, 2019).	10.2019	No advertisement insertions were planned for this project period.	proceeding according to work plan	
Activity Number	Activity title		Start month	End month	Status	
Activity C.4			11.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.4.1	The elaborated digital platform	The digital platform will provide opportunities to new members to be registered who are concern or share interests on transboundary water management or Dniester/Prut river protection. The digital platform popularity can be assessed according to the number of visitors and registered users.	03.2021	The design and structure of the website was elaborated and also a domain was acquired. The domain name is www.hydroecon ex.com. The structure of the website is presented in the report of LP for the second period (communication work package).	proceeding according to work plan	

Activity Number	Activity title		Start month	End month	Status	
Activity C.5			11.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.5.1	Reports on public events where the project was presented	The report will present the name of the public event, the issues addressed and relevant photos from the event. The public events will be highlighted in the progress reports and the final report accordingly.	03.2021	Reports on the public events, presents information on tow events where the project was presented - Water's Day (22 March, 2019), Europe's Day (11 May, 2019). The report reflect on the issues addressed by the events, materials presented/disseminated. Also relevant photos are attached under the deliverable evidence of LP, communication work package. General information about the project was also presented by PP3 at the conference "Fizica medicală: simbioză între Fizică, Medicină și Mediu" (Galati, 28 February 2019) with the abstract: Ene A: Contribuții ale Catedrei de Fizică a Universității Dunărea de Jos din Galați la proiecte internaționale din domeniul mediului și al sănătății / Contributions of Physics Division of Dunarea de Jos University of Galati to international projects from environment and health priorities. https://www.facebook.com/permalink.php?story_fbid=620135715104242&id=100013	proceeding according to work plan	

				<p>234571750 https://www.ugal.ro/files/stiri%20si%20evenimente/program_conferinta_Fizica_medicala_2019.pdf Coordinators of the HydroEcoNex project, Prof. dr. Habil. Antoaneta Ene and Prof.dr.hab. Elena Zubcov, Project Manager, correspondent member of the Academy of Sciences of Moldova, presented information on the project at the Forum for Cooperation in the Danube Region, organized by the "Dunarea de Jos" University in Galati from 11-12 April 2019. https://www.facebook.com/permalink.php?story_fbid=643077602810053&id=100013234571750, http://www.danubecooperationforum.ro/index.php/en/photo-gallery.</p>		
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.5.2	Links to TV and radio broadcasts	The links will provide the video/audio registration from the broadcasts. The link will be advertised on the project digital platform.	03.2021	For issues concerning Dniester river links are presented in the workpackage Communication of the PP2, project report for the second project period.	proceeding according to work plan	
Activity Number	Activity title		Start month	End month	Status	
Activity C.6			11.2018	03.2021	proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence



Deliverable C.6.1	Press conference narrative	The press conference narrative will include the location of the event, the participants and the issues addressed during the press conference.	11.2020		proceeding according to work plan	
Deliverable number	Deliverable title	Deliverable description	Planned delivery month	Progress Report Deliverable Description	Status	Deliverable evidence
Deliverable C.6.2	Press release	The press release will be e-mailed to assignment editors and journalists at newspapers, magazines, radio stations, online media, television stations or television networks in Moldova prior the event inviting them to take part in the press conference	03.2021		not started	