



CROSS BORDER COOPERATION REGIONAL OFFICE CALARASI FOR ROMANIA - BULGARIA
BORDER

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Date of visit: 19.09.2016

ANNEX 32

Ex-post on-the-spot visit report

Date of the visit: 19.09.2016

Participants in on-the-spot visit:

Name:	Organization:
Evdokia NEDELICHEVA	JTS-CBC RO Calarasi
Simona PETU	JTS-CBC RO Calarasi
Marisanda PIRIIANU	Ministry of Environment, Waters and Forests
Marie Jeanne ADLER	Ministry of Environment, Waters and Forests
Ruxandra BALAET	Ministry of Environment, Waters and Forests
Olga VASILESCU	National Administration "Romanian Waters"
Cristina TRIFU	National Institute of Hydrology and Water Management
Adrian VLADUCU	National Administration "Romanian Waters"
Gabriela CIOCAN	National Administration "Romanian Waters"
Daniel LUTA	National Administration "Romanian Waters"
Ionela NICOARA	National Institute of Hydrology and Water Management
Andreea GHINESCU	National Institute of Hydrology and Water Management
Diana ACHIM	National Institute of Hydrology and Water Management

Priority axis: 2. Environment - Sustainable use and protection of natural resources and environment and promotion of efficient risk management in the cross-border area

Key Area of Intervention: 2.1 - Development of joint management systems for environmental protection

MIS-ETC Code: 161

SECTION 1

Beneficiary (name): Ministry of Environment, Waters and Forests

Address (street, number, postal code): Blvd. Libertatii, no. 12, District 5, Bucharest, Romania

Fiscal number: 320 816 74

Trade registration number: N/A

Project Manager (name, surname): Marie Jeanne ADLER

Phone: 0214 089 540 Fax: 0214 089 603 E-mail: mj.adler@yahoo.com; mj.adler@hidro.ro

Project title: Danube WATER - Integrated Management (WATER)

Project's location: Ministry of Environment, Waters and Forests

Project start date: 30.06.2012

Project end date: 29.07.2015

Projects activities:

1. Adopting the EU standards and contributing to the implementation of the acquits on collection, processing and analysis of data
2. Implementing the Water Frame Directive (2000/60/EC) by a high standard monitoring program of the water status of the Danube river
3. Purchasing the necessary equipment
4. Synchronize the methodologies for monitoring in Romania and Bulgaria and with the international regulations
5. Inter-calibration of the regional water quality laboratories, in conformity with WFD implementation - adequate equipment acquisition, materials and consumables
6. Comparable geodetic systems for water stages and for the landmarks for water level observation
7. Improving the methods of forecasting by developing a common model, and warning through increased accuracy and reliability based on modern means of communication between the two countries
8. Staff trained to operate the new equipment and work with the new software application for quality monitoring and diagnose
9. Increased institutional capacity of the Agencies, Ministries and National Institutes
10. Spatial analysis for identification of the best areas for water accumulation, to recharge the groundwater and create the wet areas for fisheries and for ecological touristic activities
11. Low flows management guidelines for the two countries, for drought prevention in the Danube floodplain area; integrated exploitation of the reservoirs and of the wet areas reserves
12. Elaboration of a new technology for wastewater processing and conditioning the liquid organic wastes radioactively contaminated from the nuclear power plants
13. Information dissemination mechanism for regional development of the border area
14. New procedures for cross-border collaboration established as a result of which the links and exchange of information between the relevant Bulgarian and Romanian authorities will be accelerated by designing a geo-portal
15. Detailed analysis of the groundwater along the RO/BG border
16. Project management
17. Publications, promotion materials, information events, media campaign
18. External audit
SECTION 2

Observation of the MA/JTS representatives regarding the project:

	Yes	No	Comments*
Was the financing contract respected?	x		
The abovementioned project has undergone a substantial modification, as defined by article 57 from the EU Regulation 1083/2006 - Sustainability of operations. If, YES, Please detail.		x	
Is the purchased equipment based at the same address as the project was implemented?	x		The equipment purchased by the LP is installed in Bucuresti at LP's headquarter from Libertatii street no. 12, except 2 pcs of Working stations (central unit + monitor + keyboard + mouse + Windows licence+ Antivirus licence +MS Office) - situated in other LP's headquarter - in Bulevard Magheru 31.
Is the equipment functional and used according to the project goal(s)?	x		
Is the infrastructure, subject of financing, maintained in good conditions?			Not the case
Are the documents, related to the project, properly preserved and were they put at the JTS/MA representative's disposal?	x		
Other observations			N/A

SECTION 3

Assessment of the results/indicators of the project and their sustainability

Result indicators	Achieved at the end of the project	Existing/Maintained at the on - the -spot monitoring visit date	Comments
Number of projects developing joint management systems for environmental protection	1	Maintained	N/A
Number of joint management systems implemented	1	Maintained	N/A
Number of projects raising awareness on environmental protection and management	1	Maintained	N/A
The extent to which the eligible area is covered by awareness raising campaigns	20%	Maintained	N/A
Number of people benefiting from awareness raising activities on environmental protection	851,599	Maintained	N/A
Number of projects contributing to risk prevention in the cross-border area	1	Maintained	N/A
Number of projects contributing to joint early warning and emergency response to risk	1	Maintained	N/A
The extent to which the Danube is covered by joint flood prevention systems in the cross-border area	70%	Maintained	N/A
The extent to which the eligible area is covered by joint risk prevention systems	30%	Maintained	N/A
The extent to which the Danube is covered by joint early warning emergency activities against flooding	70%	Maintained	N/A
Number of partnerships created for early warning and emergency response activities	10	Maintained	N/A

(Observations regarding the sustainability of results/impact)

Project Indicator	Achieved at the end of the project	Existing/Maintained at the on - the -spot monitoring visit date	Comments
Studies, reports, analysis	27	Maintained	N/A
Monitoring system	1	Maintained	N/A
Automate stations	80	87	At the on the spot monitoring visit date the current indicator is increased with 7; there were

			installed 1 automate station and 6 sensors in the eligible area.
Trainings, technical meetings	51	Maintained	N/A
Persons participating in trainings, technical meetings	628	Maintained	N/A
Number of days of training, technical meetings	134	Maintained	N/A
Health information system within the border area	1	Maintained	N/A
Warnings and decision support system in case of floods and accidental pollutions	1	Maintained	N/A
Public awareness on environmental management and protection	1	Maintained	N/A
Common database	2	Maintained	N/A
Number of products rising awareness on water management and environmental protection	59	Maintained	N/A
Project portal	1	Maintained	The visitors at the portal at the day of the current monitoring vist are 500,242.
Number of the administrative persons will be involved	36	Maintained	N/A

UNDERTAKEN MEASURES

Financial sustainability:

After the implementation period of the project, the partners will ensure the financial sustainability of the project.

There are equipment purchased which currently are no longer in the warranty period, for ex:
The Fax (laser), 1 pc, the warranty period was for 12 months according to warranty certificate no. 6001005915/19.06.2015.

The warranty period of the integrated management system according to contract no.686/28.07.2014 and the warranty certificate and quality no.686/17.11.2014 (attached in scanned version) is, as follows:

- for 24 months - until November 17.11.2016 for IT integrated management system SII-Water
- for 24 months - until 16.10.2016 all equipment hardware
- for 12 months - until 16.10.2015 all basis software components.

The warranty period for the workstations and portable printer is for 24 months, according to warranty certificate no. 6001005915/19.06.2015.

The warranty period for laptops is for 24 months according to warranty certificate no. 6001005915/19.06.2015.

Technical sustainability:

According to section 4. Exit/continuation strategy from the Approved application form, the following activities are implemented by the project partners after the project end:

1. The integrated monitoring system is installed and functional. Every day the installed sensors are registering data from the measurements and submitted them to National Administration "Romanian Waters" (Partner 2) and National Institute of Hydrology and Water Management (Partner 3). The experts of Partner 2 are processing the data received and sending them to the

system. The experts of Partner 3 on their turn are processing the data and are elaborating daily prognosis for the next 7 days regarding the water level and discharge. Partner 10 - Institute of Meteorology and Hydrology - Bulgarian Academy of Sciences send to Partner 3 the prognosis for 3 days for the tributaries of the Danube for the Bulgarian side and the experts of Partner 3 send the warnings for the Danube (Romanian and Bulgarian) to the system, which are constantly being updated. Partner 11 - Executive Agency for Exploration and Maintenance of the Danube River, Bulgaria, is submitting the data regarding the water level.

Partner 2 informed that one of the automate gauging stations, installed in Unirea, Constanta County, is not submitting data at the date of the present monitoring visit (with exception of the sensor) and follows to be moved to another place until November 2016 due to the fact that the owner of the place is no more agree the station to be installed there. No document was presented on the spot and the respective recommendation was made.

According to the beneficiary statement, one more automate station was installed by Partner 2 in Basin Administration Aba Jiu and 6 sensors were installed at the functional wells in the eligible area of the programme (actually a total number of 5 automate stations and 58 sensors were installed by the beneficiary inside and outside the eligible area). Due to the fact that the respective documents were not presented on the spot, to the beneficiary was made a recommendation to present them in a period of 5 working days.

Workshop between Partner 2 and Nuclear Power Station Cernavoda was organized on 14.07.2016, related to the algae bloom (fenomenul de înflorire algală). Please find attached the minute of the meeting attached.

During the project implementation period the purchased by Partner 2 equipment Spectrofotometer was not calibrated (located in Basin Administration Arges Vedeia), which action was made after the project end and calibrating certificate from the National Institute of Metrology was obtained, attached to the present report.

2. The ship purchased by the project is used after the project end for integrated monitoring. Four measurements campaigns were performed by Partner 2 during 2016 - in March, May, July and September. The respective documents regarding the measurements made are attached to the present report.
3. The forecasting models are developed and are used by both countries for providing better warnings for population along the Danube River. According to the beneficiary statement, the servers are operational, the data is daily uploaded within the internal forecasting model platform, where they are processed, distributed automatically to the project platform and available on the system portal in real time, which was seen on the spot (please see the photos of the system attached, made on the spot).
4. The WATER Portal www.danube-water.ro is helping for informing local and regional administration about the environment quality and about the water forecasted floods or spills. At the day of the present monitoring visit the visitors at the portal are 500,242.
5. Reviewing the bi-lateral convention on data monitoring and data and information exchange and different aspects for water management. The four partnership agreements signed during the project implementation (between Partner 3 and Partner 10 signed on 19.08.2014; between Partner 3 and Partner 11 signed in July 2015; between Partner 2 and Partner 11 signed on 23.07.2015; between Partner 2 and Partner 9 signed in July 2015), assure continuation of the collaboration started under the project related to ensuring and providing of public information on water quality and its efficient use, as well as of managing water and flood risk in Bulgarian and Romanian part of the basin; to data exchange and warnings in providing input into the forecast data and improve the accuracy of simulation of the flood wave on the Danube and to sharing data for the Danube Water Levels Monitoring System, registered at the automate stations along the Danube.

Problems which have affected the project's sustainability:



N/A				
SECTION 4				
	Elements to be verified	Source	Yes/ No	Comments
A.	Horizontal themes			
Equal opportunities	Comments:			
Water project is creating equal opportunities for border counties development, giving access to all regions to water by optimizing water allocation, as well as for implementing integrated flood defense measures by flood warning announcement for all localities and floodplain stakeholders. The policy of the Water project assures for all the partners equal access to the information and project results.				
Other aspects/ observations regarding the equal opportunities and non-discrimination				
B. Aspects regarding the environment protection				
Climate change is impacting more the extremes water cycle: floods and droughts. A packet of good practices for the Ro-Bg border area is contributing for a better regional response and a better adaptation plan. The Danube is a transnational, navigable river, with a catchment basin incorporating many Counties. Consequences of climate change on Danube River can be potentially catastrophic and the adaptation to this impact is very important.				
C. State aid (if the case)				
Not the case				
D. Project Publicity				
Did the beneficiary maintained the measures for publicity related to this project? (please specify)				
The equipment is labelled with visual identity stickers of the Programme.				
The project website: www.danube-water.eu is not updated. Recommendations were made and the project website should be updated.				
E. Revenue generation (if the case)				
No.				
1. certain new sources of revenue have not been taken into account in the calculation of the funding gap and/or new sources of revenue appeared after the calculation of the funding gap				
N/A				
2. there are changes in the tariff policy which impact on the funding gap calculation				
N/A				
EQUIPMENT	Yes	No	Comments	
Was the equipment acquisition foreseen in the project?	x			

Type of equipment:

1. Off-road car - 1 pc NISSAN:QASHQAI 5DR 1.6L CVT 2WD - Pack acenta 01, VIN:SJNFAAJ10U2916644, Motor serial no.:329865;
2. ARCGIS server Enterprise cu extensii + Geoportal Extension- 1 pc, identification series: ESRI
3. ARCFINFORM (with extensions)- 1 pc, identification series: ESRI
4. SQL SERVER, Sharepoint Server - 1 pc, identification series: SQL Server Standard 2012;Sharepoint Foundation 2013
5. ArcInfo and specialized extensions - 1 pc; identification series: ESRI
6. Hydro GeoAnalyst - 1 pc ;identification series: Schlumberger
7. Communication systems (data subscription) -2 pcs, identification series: vodafone
8. Communication systems (router), 2 pcs, identification series: SRX650-BASE-SRE6-645AP;SRX-GP-16GE;SVC-CP-SRX650
9. Communication systems (firewall), 2 pcs; identification series: SRX240H2;SX240-SMB2-CS;SVC-CPSRX240
10. Panels for environmental data dissemination (High resolution digital wall display min 3x1.8 m) (l.b.V.9), 1 pc; identification series: EYE-LCD-7000-LE-700;EYE-WHLCD-1F-L
11. Panels for environmental data dissemination (graphic controller), 1 pc; identification series:Npx-4800
12. Panels for environmental data dissemination (furniture), 1 pc; identification series: eyeCON V5 Basic
13. Hardware cluster server 2 processor [4 core], 2 pcs; identification series:7143BIG;69Y1888;49Y1399;42D0501;49Y4240;59Y6139;00Y6266;39Y7917
14. Hardware cluster storage equipment, 1 pc; identification series:2078-24C;9730;AC00;AC60;AC70;5639-CT7;UBLGC1;5639-CTC;9000;UBL1CS;UBLYC5;2078-24C;8730;AC00;AC 60;AC 70;AG00;5639-CT7;UBLDC1;UBLGC1;5639-CTC;9000;UBL1CS;UBLYC5
15. Hardware cluster switch FC, 1 pc; identification series: SAN24B-4 SFP8GBPS 8-PACKX2
16. Hardware cluster UPS, rack, air conditioning, 1 pc; identification series:93074RX 53956KX ABYG24LVT
17. Hardware cluster collaboration platform license, identification series: Exchange server 2013 standard
18. Purchasing presentation panels for environmental conditions, 1 pc; identification series EYEVIS
19. Working stations (central unit + monitor + keyboard + mouse + Windows licence+ Antivirus licence +MS Office), 4 pcs model Intel Core I5-4460, serial no:EMAG0429396X
20. Laptop for collecting the data on the field campaigns (laptop + Windows licence+Antivirus licence +MS Office), 2 pcs, model ASUS Transformer BOOK FLIP TP500LN-DN136H, serial no.:EMAG0429397X
21. Multifunctional printer (laser printer/copier/scanner), 1 pc, model HP Laserjet 500color M575dn
22. Printer for office (laser colour), 1 pc, model HP Laserjet PRO M451nw A4, sn:CN77923230
23. Portable printer, 1 pc INKJET colour Canon PIXMA IP-110, A4, serial no.919596B02992AA21ADWC14566 (sn:ADWC14566)
24. Professional scanner for scanning large documents, 1 pc, model HP Scanjet Enterprise Flow N9120, A3
25. Fax (laser), 1 pc , model Canon L170, A4, serial no.4960999798899 (sn:KYP21357)
26. Memory stick for saving/transferring data, 10 pcs, model Kingtone Data Traveler Ultimte 3.0 G3 64 GB, serial no.:740617211009
27. External hard disk drive: 3 pcs model WD MY BOOK 2TB, serial no:718037811833 (sn:WCC4MEKF5E83, WCC4MRVHXECL,WCC4MLTDKK9V); 4 pcs model WD MY PASSPORT Ultra, 1TB, serial no:WXV1E943Z093, WXQ1EA49U1PZ, WXF1EA46J0DX, WXF1EA41PDAM
28. Router wireless, 1 pc, model Linksys EA 6350, serial no.14y10j0b407537.

Place/space where the equipment is located? - The equipment purchased is at LP's headquarter from Libertatii street no. 12, except 2 pcs of Working stations (central unit + monitor + keyboard + mouse + Windows licence+ Antivirus licence +MS Office) - situated in Bulevard Magheru 31.

Is the equipment functional?	x		
Is the equipment used according to the goals	x		

of the project?			
The equipment was discarded as a result of its depreciation, or defect?		x	
There is a Minute drafted according with the national legislation for putting out of use the discarded equipment?		x	

CONSTRUCTIONS	Yes	No	Comments
Are the building (s) or the infrastructure, subject of financing, maintained in good conditions?			Not the case
The warranty period granted by the executor for works has expired?			Not the case
What is the warranty period granted by the executor for works?			Not the case
Were any problems during the warranty period?			Not the case
If, YES, were the problems covered by the warranty and were they fixed according with the provisions of the work contract?			Not the case

Were the following original documents verified?

Not applicable.

Are there distinct accounting records for the project activities?

Yes. Distinct accountancy was carried out during implementation of the project.

PLP was informed about the requirements for archiving the documents according to Article 2, paragraph 4 of the subsidy contract?

Yes.

These documents are filed and labelled?

1. Shall be verified by sampling the bookkeeping of some supporting documents from the last reimbursement claim.

Not the case. The project was finalized on 29.07.2015.

2. Shall be verified the method of calculation and allocation of general administration costs and the existence of a justifying note.

Not the case. The project was finalized on 29.07.2015.

Recommendations:

1. The LP should take all the necessary measures in order to assure the project sustainability as it is foreseen within Section 4.Exit/continuation strategy, from the Approved Application Form.

Deadline: permanent

2. The LP should submit to JTS the procedure for functionality of the integrated management system with the audit trail and the scheme of the informational floor within the system.

Deadline: 03.10.2016

3. The LP should present the respective documents related to the installation of 1 automate station and 6 sensors by Partner 2.

Deadline: 26.09.2016

4. The LP should inform about the actions undertaken in order to be installed in a new place the automate gauging station initially installed in Unirea, Constanta County and to submit a

proof that the equipment is put in function.

Deadline: 26.09.2016

5. The LP should permanently update the project website www.danube-water.eu.

Deadline: permanent

6. The LP and its partners are obliged to retain for audit and control purposes all files, documents and data about the operation for a minimum period of three years after the closure of the Romania-Bulgaria Cross-Border Cooperation Programme 2007-2013. The documents must be properly archived (according to MA letter no. 90771/07.11.2014, registered at CBC RO Calarasi no. 12401/10.11.2014). In this regard, and in view of ensuring the optimal conditions for the Programme closure process the LP and its partners must scan the original version of all the documents generated by the implementation of the project MIS-ETC Code 161.

The present report was drafted in 3 originals, one for the beneficiary representative, one for the JTS representative and one for the representative of the MA (if the MA representative is not present at the monitoring visit, one original of the monitoring visit will be submitted to MA within 5 days from the date of the visit).

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Cristiana PAȘCA - PALMER
Minister

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