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2007-2013



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT
TRANS
Mobilitate în România. Conexiuni cu Europa.

Project: MONITORING THE ENVIRONMENTAL IMPACT OF THE WORKS REGARDING THE IMPROVING OF THE NAVIGATION CONDITIONS ON THE DANUBE RIVER BETWEEN CALARASI AND BRAILA, km 375-175

MONTHLY REPORT NO.61: 1 – 31 May 2016

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



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6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

MONTHLY REPORT

1 - 31 May 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.61	<ul style="list-style-type: none"> ○ Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 61
2	Communication of the project phase and results to the beneficiary - AFDJ Galați	<ul style="list-style-type: none"> ○ Elaboration of the addresses sent to AFDJ Galati 	
3	Coordination and checking of the field monitoring activity	<ul style="list-style-type: none"> ○ Checking the continuous monitoring stations, velocity measurements and bathymetry ○ Checking the monitoring stations for sturgeons ○ Checking the sampling campaigns ○ Checking the building site activities 	
4	Coordination of the project implementation team and permanent monitoring of the progress of proposed activities for the reporting period	<ul style="list-style-type: none"> ○ Field visits for activities monitoring ○ Working meetings 	
5	Approval of monthly activity reports of the experts		
6	Checking and approving the documents elaborated in month 61 of the project activity		
7	Coordinate the completion of Interim Report 13		
8	Coordinate drafting of Final Report for the first phase of financing		
9	Elaboration of the project activities program for the next period (1 - 30 June 2016)		

Project leader,
PhD eng. Deák György



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MONTHLY REPORT NO.61: 1 – 31 May 2016

6.3.2. Expert position: WATER AND SOIL MONITORING EXPERT - Gina Ghiță

MONTHLY REPORT

1 - 31 May 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 61 drafting ▪ Contribution to Interim Report 13 completion ▪ Contribution to Finalization Report drafting, first phase of financing 	Reports

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.61: 1 – 31 May 2016

6.3.3. Expert position: AIR AND NOISE MONITORING EXPERT - BORȘ ADRIANA (chemist2)

MONTHLY REPORT

1 - 31 May 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Prepare the campaign for the next month	Preparing the measurements field campaign, in secondary critical points	
2.	Other activities	<ul style="list-style-type: none"> ○ Participation to the meetings of the project implementation team, in order to plan and conduct future activities ○ Contribution to Monthly Report 61 drafting (chapters Air and Noise Monitoring) ○ Contribution to Interim Report 13 drafting ○ Contribution to Finalization Report drafting, phase I of financing 	<p>Monthly Report 61 Interim Report 13</p> <p>Finalization Report</p>

Expert,
PhD chem. Adriana Borș

Project leader,
PhD eng. DEÁK György



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6.3.4 Expert position: ICHTYOLOGIST 1 EXPERT - Sturgeons and barbell -CRISTEA VICTOR

MONTHLY REPORT 1 - 31 May 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data downloading and stations maintenance in CP01 and CP02: (12,19.05.2016)	Have been downloaded data from the monitoring systems and been performed maintenance activities.	Database
2.	Filming with Didson camera CP 01 (10,11.05.2016) CP 10 (12,13.05.2016)	Have been made filming with Didson camera in critical points 01 and 10 in order to determine sturgeons' behavior in those 2 bottom sills area.	videos
3.	Velocities measurements in breeding habitats in CP01 (17,30.05.2016)	Were made velocity measurements in breeding habitats from CP01	Database
4.	Other activities	<ul style="list-style-type: none"> - Contribution to Finalization Report drafting, phase I of financing - Report on sturgeons situation on Bala branch - Contribution to Interim Report 13 - Contribution to Monthly Report no. 61 	Reports

Expert,
PhD eng. Victor CRISTEA

Project Leader,
PhD eng. DEÁK György



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6.3.5 Expert position: EXPERT ICTHYOLOGIST 2 - Other fish species - Istvan FALKA

MONTHLY REPORT 1 - 31 May 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Shad migration monitoring CP 01, 02, 03, 04, 07 (18, 19, 20.05.2016)	Have been performed scientific fishing with drifting nets, in critical points areas 01, 02, 03, 04 and 07 Were made biometrical specific measurements and scales were sampled for age determination.	- shad distribution on the monitoring areas, - size and age class structure - genders ratio
2.	Other activities	Contribution to Monthly Report 61 Initial data processing	

Expert,
PhD.biol. Istvan FALKA

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.61: 1 – 31 May 2016

6.3.6. Expert position: HYDROLOGY EXPERT - PhD eng. George POTERAȘ

MONTHLY REPORT 1 - 31 May 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Turbidity, temperature and relative level data processing, recorded in the automatic stations in May 2016	Statistical processing of level, temperature and turbidity data recorded in May 2016, in automatic stations from the monitored sector.	Statistical indicators, turbidity and temperature variation graphs, hodographs of the relative and absolute water level, water gradients, correlations between automatic monitoring stations.
2.	Contribution to the Monthly Report no. 61	Processing and interpretation of specific data.	Hydrology subchapter drafting for the hydro-morphological monitoring activity and Annex 6.5
3.	Contribution to other reports	Processing and interpretation of specific data for: -Interim Report 13 -Finalization Report for phase I of financing	Hydrology subchapter drafting for the hydro-morphological monitoring activity

Expert,
PhD eng. George POTERAȘ

Project Leader,
PhD eng. Deák György



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MONTHLY REPORT NO.61: 1 – 31 May 2016

6.3.7. Expert position: HYDRAULIC SEDIMENTOLOGY EXPERT - Gh. Viorel UNGUREANU

MONTHLY REPORT

1 - 31 May 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (10,11, 12, 13, 16, 17, 18, 19.05.2016)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetric data, primary and processed, bathymetric transversal profiles
2.	MONITORING CAMPAIGN (10,11, 12, 13, 16, 17, 18, 19.05.2016)	ADCP measurements for velocity and flow on the monitoring sector	Unprocessed velocities data,
3.	OTHER ACTIVITIES	Continuation of measurements processing for flow and velocity from previous months	Processed data for flow rate and velocity Velocities sections
		Contributions to Monthly Report 61	Hydromorphology Chapter and Annex 6.5
		Contributions to completion of Interim Report 13	Hydromorphology chapter
		Contributions to Finalization Report, phase I of financing	Hydromorphology chapter
		Schedule proposal drafting for 1 - 30 June 2016	Schedule

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



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6.3.13 Expert position: AVIFAUNA MONITORING EXPERT - JOZSEF SZABO

MONTHLY REPORT 1 - 31 May 2016

NR. CRT.	ACTIVITĂȚI	DESCRIERE	REZULTATE
1.	MONITORING AVIFAUNA CAMPAIGN FOR SPRING SEASON (11-23.05.2016)	<ul style="list-style-type: none"> ○ Field campaign in CP01 <ul style="list-style-type: none"> ▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count) ▪ Observation for aquatic avifauna from the shore ○ Field campaign in CP02 <ul style="list-style-type: none"> ▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count) ▪ Observation for aquatic avifauna from the shore ○ Field campaign in CP10 <ul style="list-style-type: none"> ▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count) ▪ Observation for aquatic avifauna from the shore ○ Field campaign in CP03 <ul style="list-style-type: none"> ▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count) ▪ Observation for aquatic avifauna from the shore ○ Field campaign in CP04 <ul style="list-style-type: none"> ▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count) ▪ Observation for aquatic avifauna from the shore ○ Field campaign in CP07 <ul style="list-style-type: none"> ▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count) ▪ Observation for aquatic avifauna from the shore 	<ul style="list-style-type: none"> ○ observation sheets; ○ data ○ photos ○ lists of species
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to the Monthly Report no. 61 (chapters G and H) ▪ Contribution to the Interim Report no. 13 ▪ Contribution to Finalization Report, phase I of financing 	Reports

Expert,
JOZSEF SZABO

Project Leader,
PhD eng. DEÁK György



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6.3.14. Expert position: ANTHROPIC IMPACT MONITORING EXPERT - AMBRUS LASZLO (ecologist 1)

MONTHLY REPORT

1 - 31 May 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (12.05.2016)	<ul style="list-style-type: none"> ○ Field campaign in critical points CP01 and CP02 areas and in secondary critical points to determine the fixed and mobile sources for noise and emissions; ○ Field campaign in order to establish the anthropization degree due to construction works; 	<ul style="list-style-type: none"> - data - photos
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Contribution to the Monthly Report no 61 ○ Contribution to Interim Report no. 13 completion ○ Contribution to Finalization Report drafting for the first phase of financing ○ Drafting the program proposal for next period activities 	Reports

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.61: 1 – 31 May 2016

6.3.15. Expert position: IMPACT ASSESSMENT/MONITORING ON BIODIVERSITY - ZAHARIA Tania (ecologist 2)

MONTHLY REPORT 1 - 31 May 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT ON BIODIVERSITY MONITORING (16, 17, 18, 19.05.2016)	<p>Observation regarding anthropic impact on avifauna in Natura 2000 sites:</p> <ul style="list-style-type: none"> ✓ Field campaign in critical points area and on dobrogean lakes: Iortmac lake (ROSPA0056), Oltina lake (ROSPA0056), Dunăreni lake (ROSPA0054), Vederoasa lake (ROSPA0007), Baciul lake (ROSPA0007), Sărat lake (ROSCI0307). ✓ Observation in field, in order to establish construction sites influence on avifauna. 	
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Participation to Interim Report 13 completion ○ Contribution to Finalization Report drafting, first phase of financing 	Reports

Expert,
PhD Tania ZAHARIA

Project Leader,
PhD eng. DEÁK György



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6.3.16. Expert position: EXPERT ASSESSOR OF THE MONITORING RESULTS - Marian TUDOR

MONTHLY REPORT 1 - 31 May 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing related to aquatic and terrestrial ecosystems for Interim Report 14	Establishing the primary statistical values	Primary statistical parameters
2.	Corroboration of the monitoring results for abiotic and biotic parameters for Interim Report 13	Establishing intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variation
3.	Corroboration of the monitoring results for Finalization Report, phase I of financing	Contribution to report drafting	Indicators variation

Expert assessor,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György