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PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT
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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.62: 1 – 30 June 2016

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



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MONTHLY REPORT NO.62: 1 – 30 June 2016

6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

MONTHLY REPORT

1 - 30 June 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.62	<ul style="list-style-type: none"> ○ Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 62
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 experts' monthly activity reports		
6	Checking and approving the documents elaborated in month 62 of the project activity		
7	Coordinate the completion of Interim Report 13		
8	Coordinate the drafting of Phase Report in CP01		
9	Coordinate the drafting of Final Report for the first phase of financing		
10	Elaborate the project activities program for the next period (1 - 31 July 2016)		

Project leader,
PhD eng. Deák György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

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

MONTHLY REPORT 1 - 30 June 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ORGANISING SAMPLING CAMPAIGN FOR SOIL, WATER AND SEDIMENTS	<ul style="list-style-type: none"> ▪ Preparation of sampling recipients (depending on chemical indicators) for soil, water and sediments; ▪ Preparation of reagents for water samples fixation in field conditions; ▪ Laboratory and field AMC calibration; ▪ Preparation of reagents set for field and laboratory analysis 	<ul style="list-style-type: none"> ▪ Assurance of proper conditions for the sampling campaign
2.	SAMPLING CAMPAIGN FOR WATER AND SEDIMENTS (07.06.2016; 24.06.2016)	<ul style="list-style-type: none"> ▪ Water and sediments sampling from CP01, CP 02 and CP10; ▪ The compliance to geographical coordinates for each sampling point has been checked; ▪ The samples has been labelled; ▪ For each water and sediment sample has completed a registration bulletin for the sampling activity; ▪ Field analysis were performed (pH, temperature, dissolved oxygen, turbidity) regarding water quality; ▪ Water samples have been fixed according to actual standards to determine indicators in the laboratory. 	<ul style="list-style-type: none"> ▪ 50 water samples ▪ 20 sediments samples
3.	SAMPLING CAMPAIGN FOR SOIL (07.06.2016)	<ul style="list-style-type: none"> ▪ Soil sampling from CP01, CP02, CP10, CP 03 (A and B), CP 04 (A and B) and CP 07; ▪ The compliance to geographical coordinates for each sampling point has been checked; ▪ The samples has been labelled; ▪ For each soil sample has completed a registration bulletin for the sampling activity; 	<ul style="list-style-type: none"> ▪ 38 soil samples
4.	PHYSICAL- CHEMICAL LABORATORY ANALYSIS	<ul style="list-style-type: none"> ▪ Conducting the specific standard procedures for analytical data quality assurance. 	<ul style="list-style-type: none"> ▪ Preliminary data regarding soil, water and sediment quality
5.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 62 drafting ▪ Contribution to Interim Report 14 drafting ▪ Report for the first phase of financing ▪ Finalization Report, phase CP01 	

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

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

MONTHLY REPORT

1 - 30 June 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Conducting the 62 nd measurements campaign for noise level (10,16.06.2016)	For secondary critical points CP (03 A, 03 B, 04 A, 04 B, 07)	Point values for noise level
2.	Conducting the 59 th measurements/sampling campaign for air (10,16.06.2016)	For secondary critical points CP (03 A, 03 B, 04 A, 04 B, 07)	Preliminary values for air quality indicators
3.	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 62 drafting (chapters Air and Noise Monitoring) ○ Contribution to Finalization Report drafting, phase I of financing ○ Contribution to Phase Report for CP01 	Reports

Expert,
PhD chem. Adriana Borș

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

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

MONTHLY REPORT

1 - 30 June 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data downloading and maintenance in CP01, CP02 and CP10: (10, 27.06.2016)	Have been downloaded data from the monitoring systems and been performed maintenance activities.	Database
2.	Velocities measurements in breeding habitats in CP01 and CP10 (09, 16, 23.06.2016)	Were made velocity measurements in breeding habitats from CP01 and CP10	Database
3.	Other activities	<ul style="list-style-type: none"> - Contribution to Monthly Report no. 62 - Contribution to Phase Report for CP01 - Contribution to Interim Report 13 completion and to Report on first phase of financing 	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 - 30 June 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Processing the data obtained from scientific fishing for <i>Alosa</i> species	Determining the distribution of <i>Alosa</i> species on capturing areas Identification of adult specimens ages with microscope and determination by ages classes structure Determination of gender ratio, after observations made in the field	Data interpretation after processing, obtaining graphic representation regarding distribution, structure by ages classes and gender ratio for adult specimens of <i>Alosa</i> captured with scientific fishing
2.	Other activities	Contribution to Phase Report for critical point 01 Contribution to Monthly Report 62	Reports

Expert,
PhD.biol. Istvan FALKA

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

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

MONTHLY REPORT 1 - 30 June 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Turbidity, temperature and relative level data processing, recorded in the automatic stations in June 2016	Statistical processing of level, temperature and turbidity data recorded in June 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 the automatic monitoring stations.
2.	Contribution to the Monthly Report no. 62	Processing and interpretation of specific data.	Hydrology subchapter drafting for the hydro-morphological monitoring activity and Annex 6.5

Expert,
PhD eng. George POTERAȘ

Project Leader,
PhD eng. Deák György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

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

MONTHLY REPORT

1 - 30 June 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (01, 07, 09, 10, 16, 17, 23, 24, 27.06.2016)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetric data, primary and processed, bathymetric transversal profiles
2.	MONITORING CAMPAIGN (01, 07, 09, 10, 16, 17, 23, 24, 27.06.2016)	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 62	Hydromorphology Chapter and Annex 6.5
		Contributions to completion of Interim Report 13	Hydromorphology chapter
		Contributions to Interim Report 14	Hydromorphology chapter
		Schedule proposal drafting for 1 - 31 July 2016	Schedule

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

6.3.10. Expert position: TERRESTRIAL INVERTEBRATES - Cecilia ȘERBAN

MONTHLY REPORT 01-30 June 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	CONDUCTING THE OBSERVATION CAMPAIGN REGARDING PRESENCE/ABSENCE OF LUMBRICIDES (07.06.2016)	- Have been monitored the presence/absence of lumbricides in soil samples collected from critical points locations: CP01, CP 02, CP 10, CP 03 (A and B), CP 04 (A and B) and CP 07;	Observations regarding the presence/absence of the lumbricides
2.	OTHER ACTIVITIES	- Preparing the observation campaign - Assessing the distribution of lumbricides in monitoring areas - Contribution to Monthly Report 62	

Expert,
ȘERBAN Cecilia

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

6.3.11 Expert position: AQUATIC MACROINVERTEBRATES EXPERT - Luiza FLOREA

MONTHLY REPORT

1 - 30 June 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PREPARING THE SAMPLING CAMPAIGN FOR AQUATIC MACROINVERTEBRATES	<ul style="list-style-type: none"> ▪Preparing the sampling containers ▪Preparation of reagents for samples fixing in field conditions; • Preparing the necessary documents for „in field” samples registration 	Ensure the optimal conditions for conducting the sampling campaign
2.	SAMPLING CAMPAIGN FOR AQUATIC MACROINVERTEBRATES (24.06.2016)	<ul style="list-style-type: none"> • aquatic macroinvertebrates sampling from critical points 01, 02, 10, 03A, 03B, 04A, 04B, 07 • samples fixing and labelling • Sampling bulletins completion for aquatic macroinvertebrates 	<ul style="list-style-type: none"> - 40 sample units collected - sampling bulletins
3.	LABORATORY ANALYSIS	<ul style="list-style-type: none"> • additional sorting for benthic macroinvertebrates samples collected to select benthic organisms and to perform further investigations • qualitative and quantitative analysis for collected macroinvertebrates samples 	<ul style="list-style-type: none"> ▪ 40 sample units sorted
4.	OTHER ACTIVITIES	<ul style="list-style-type: none"> • Contributions to Interim Report 13 • Contributions to Phase Report for CP01 • Contributions to Finalization Report, financing stage 	Reports

Expert,
Luiza FLOREA

Project Leader,
PhD eng. DEÁK György



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6.3.12. Expert position: TERRESTRIAL FLORA AND FAUNA EXPERT - Frink József Pál

MONTHLY REPORT 1 - 30 June 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	OTHER ACTIVITIES	<ul style="list-style-type: none"> - Contribution to Interim Report 13 - Contribution to Phase Report for CP01 - Contribution to Finalization Report for the first stage of financing 	Reports

Expert,
Frink József Pál

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.62: 1 – 30 June 2016

6.3.13 Expert position: AVIFAUNA MONITORING EXPERT - JOZSEF SZABO

MONTHLY REPORT 1 - 30 June 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN FOR AVIFAUNA - SPRING SEASON (06-10, 13-17, 20-22.06.2016)	<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 ○ Avifauna monitorizare in Natura2000 sites: <ul style="list-style-type: none"> ✓ Observations for nesting aquatic avifauna from the shore, at Iortmac lake (ROSPA0056), Oltina lake (ROSPA0056), Dunăreni lake (ROSPA0054), Vederoasa lake (ROSPA0007), Baciulake (ROSPA0007), Sărat lake (ROSCI0307) 	<ul style="list-style-type: none"> ○ observation sheets; ○ data ○ photos ○ lists of species
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report no. 62 drafting (chapters G and H) ▪ Contribution to Interim Report no. 13 completion ▪ Contribution to Phase Report drafting, for CP01 ▪ 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)

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Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (16.06.2016)	<ul style="list-style-type: none"> ○ field campaign in critical points areas and in secondary critical points to set out 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 62 ○ Contribution to Finalization Report drafting for the first phase of financing ○ Contribution to Phase Report for CP01 	Reports

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



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

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Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT ON BIODIVERSITY MONITORING (14, 15, 16, 17.06.2016)	<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), Baciulake (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 Phase Report for CP01 ○ 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 - 30 June 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing related to aquatic and terrestrial ecosystems for Interim Report 14	Setting of primary statistical values	Primary statistical parameters
2.	Corroboration of the monitoring results for abiotic and biotic parameters for Interim Report 13	Setting the intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variation
3.	Corroboration of the monitoring results for abiotic and biotic parameters for Finalization Report, phase I of financing	Contribution to report drafting	Indicators variation
4.	Contribution to Phase Report for CP01	Setting the intercorrelations between abiotic and biotic determinants	Correlation functions

Expert,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György