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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.66: 1 – 31 October 2016

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



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MONTHLY REPORT NO.66: 1 – 31 October 2016

6.3.1. Expert position: PROJECT LEADER EXPERT- DEÁK György

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.66	<ul style="list-style-type: none"> ○ Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 66
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 	
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 66 of the project activity		
7	Coordinate the completion of Interim Report 15		
8	Elaborate the project activities program for the next period (1 - 30 November 2016)		

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.66: 1 – 31 October 2016

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

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PHYSICAL- CHEMICAL LABORATORY ANALYSIS	<ul style="list-style-type: none"> ▪ Conducting the specific standard procedures for analytical data quality assurance. ▪ Performing laboratory physical-chemical analysis for soil, water and sediment samples collected in September 2016 	<ul style="list-style-type: none"> ▪ data regarding soil, water and sediment quality
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 66 drafting ▪ Contribution to Interim Report 15 drafting 	

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.66: 1 – 31 October 2016

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

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing	Processing the data measured in the field	Analysis bulletins
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 66 drafting (chapters Air and Noise Monitoring) ○ Contribution to Interim Report 15 	Reports

Expert,
PhD chem. Adriana Borș

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.66: 1 – 31 October 2016

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

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data downloading for monitoring CP 01, CP 02 (03, 31.10.2016)	Have been downloaded data from the monitoring systems.	Database
2	Sturgeons tagging in CP01 (09, 10, 17, 23, 31.10.2016)	Were captured, marked with ultrasonic and anti-poaching spaghetti tag and then released, 7 specimens of beluga.	Capturing, tagging and releasing sheets
3	Tracking the sturgeons tagged with VR100 device, in CP01 (11, 12, 24.10.2016)	Beluga specimens have been tracked from a boat, using the VR100 device to determine their post-tagging behavior.	Database
4.	Other activities	- Contribution to Monthly Report no. 66 - Contribution to Interim Report 15	Reports

Expert,
PhD eng. Victor CRISTEA

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.66: 1 – 31 October 2016

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

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing for turbidity, temperature and relative level, recorded in automatic stations in October 2016	Statistical processing of level, temperature and turbidity data recorded in October 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. 66	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.66: 1 – 31 October 2016

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

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (05, 06, 10, 11, 12, 17, 18, 24, 25, 26.10.2016)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetric data, primary and processed, bathymetric transversal profiles
2.	MONITORING CAMPAIGN (05, 06, 10, 11, 12, 17, 18, 24, 25, 26.10.2016)	ADCP measurements for velocity and flow on the monitoring sector	Unprocessed velocities data
3.	OTHER ACTIVITIES	Contributions to Monthly Report 66	Hydromorphology Chapter and Annex 6.5
		Contributions to Interim Report 15	Hydromorphology Chapter and Annexes
		Schedule proposal drafting for 1 - 30 November 2016	Schedule

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO. 66: 1 – 31 October 2016

6.3.13 Expert position: AVIFAUNA MONITORING EXPERT - JOZSEF SZABO

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN FOR AVIFAUNA - AUTUMN MIGRATION (03-15.10.2016)	<ul style="list-style-type: none"> ○ First expedition for the autumn campaign. Field trip in monitored critical points areas - birds census. <ul style="list-style-type: none"> ▪ Observation for aquatic and migratory avifauna from the shore ▪ Observation for aquatic and migratory avifauna from the boat 	<ul style="list-style-type: none"> - observation sheets - data - photos - species lists
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Analysis and processing of data from the campaign ○ Contribution to the Monthly Report 66 drafting ○ Contribution to Interim Report 15 finalization 	Reports

Expert,
JOZSEF SZABO

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.66: 1 – 31 October 2016

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

MONTHLY REPORT 1 - 31 October 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (10, 11.10.2016)	<ul style="list-style-type: none"> field campaign in main critical points areas and in secondary critical points to set out the fixed and mobile sources for noise and emissions, in order to establish the anthropization degree 	<ul style="list-style-type: none"> - data - photos
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> Contribution to Monthly Report 66 	Reports

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



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

MONTHLY REPORT
1 - 31 October 2016
Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT ON BIODIVERSITY MONITORING (10-13.10.2016)	Observation regarding anthropic impact on avifauna in Natura 2000 sites: <ul style="list-style-type: none"> ✓ Field campaign in critical points area and on Dobrogea 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"> • Contribution to the Monthly Report no 66 • Contribution to Interim Report 15 	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 October 2016
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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Primary data processing for Interim Report 15	Setting of primary statistical values	Primary statistical parameters
2.	Corroboration of results for abiotic and biotic monitoring parameters for Interim Report 15	Establishing the intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variations

Expert,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György