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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.55: 1 – 30 November 2015

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



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MONTHLY REPORT NO.55: 1 – 30 November 2015

6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

MONTHLY REPORT 1 - 30 November 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.55	<ul style="list-style-type: none"> Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 55
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 55 of project activity		
7	Coordinate the completion of Interim Report 12		
8	Elaboration of the project activities program for the next period (1 - 31 December 2015)		

Project leader,
PhD eng. Deák György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Participation at the Monthly Report 55 ▪ Participation at the Interim Report 12 	Reports

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Other activities	<ul style="list-style-type: none"> ○ Contribution to Interim Report 12 ○ Contribution to the Monthly Report no. 55 ○ Participation at the meetings of the project implementation team, in order to plan and conduct future activities 	Reports

Expert,
PhD chem. Adriana Borș

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Scientific fishing for sturgeon species (01, 02, 04, 09, 10, 13, 14, 15, 18.11.2015)	In November have been captured, tagged and released 11 sturgeons specimens: 7 beluga and 4 starry sturgeons.	Capture sheets
2.	Data downloading: (13, 18.11.2015)	Have been downloaded data from the monitoring systems and been performed maintenance activities.	Database completion
3.	Didson camera shooting (13.11.2015)	In CP01 have been conducted Didson camera shooting in order to record sturgeons behavior near the bottom sill on Bala branch.	Video recordings
4.	Other activities	Contribution to Monthly Report no. 55 Data processing for Interim Report 12	Reports

Ichthyologist Expert,
PhD eng. Victor CRISTEA

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Turbidity, temperature and relative level data processing, recorded in the automatic stations in November 2015	Statistical processing of level, temperature and turbidity data recorded in November 2015, 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. 55	Data processing and interpretation.	Hydrology subchapter elaboration 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.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (02-05, 09-13, 16-19.11.2015)	Single-beam bathymetric measurements on the monitoring sector	Primary and processed bathymetric data, transversal bathymetric profiles
2.	MONITORING CAMPAIGN (02-05, 09-13, 16-19.11.2015)	ADCP measurements for velocities and flow on the monitoring sector	Unprocessed velocity data
3.	OTHER ACTIVITIES	Continuation of flow and velocity measurements processing from previous months.	Processed data for flow and velocity Velocities sections
		Contributions to the Monthly Report no. 55	Hydromorphology Chapter and Annex 6.5
		Schedule drafting for 1 - 31 December 2015 period	Schedule

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (13.11.2015)	<ul style="list-style-type: none"> ○ field campaign in CP10 area and in secondary critical points to establish fixed and mobile sources of noise and emissions; ○ field campaign in order to establish the anthropization level in the construction site area; 	<ul style="list-style-type: none"> - data - photos
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Contribution to the Monthly Report no 55 ○ Contribution to the Interim Report no. 12 ○ Program proposal for the next period activities 	Monthly Report no. 55

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

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

MONTHLY REPORT 1 - 30 November 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Primary data processing for Interim Report 12	Data related to aquatic and terrestrial ecosystems	Centralizing tables
2.	Data processing related to aquatic and terrestrial ecosystems for Interim Report 12	Establishing the primary statistical values	Primary statistical parameters
3.	Corroboration of the results for abiotic and biotic monitoring parameters for Phase Report	Establishing intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variation

Expert,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.55: 1 – 30 November 2015

6.3.17 Expert position: EXPERT 3D MODELLING - PhD HELMUT HABERSACK

MONTHLY REPORT 1 - 30 November 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Hydrodynamic parameters rating variations in terms of implementing of bottom sill "OMNC" and erosion control mattress in Bala Branch	Delft3D scenarios running for bottom sill "OMNC" and erosion control mattress in Bala Branch. In advance calibration and validation scenarios	Variations and distribution of hydrodynamic parameters after implementing of bottom sill "OMNC" and erosion control mattress in Bala Branch
2.	Other activities	Contributions to Monthly Report 55	Monthly Report 55
		Contributions to Intermediate Report 12	Intermediate Report 12

Expert,
PhD Helmut HABERSACK

Project Leader,
PhD eng. DEÁK György