



UNIUNEA EUROPEANĂ



MINISTERUL TRANSPORTURILOR  
ȘI INFRASTRUCTURII



Națională Agency de Protecție Mediului  
județ Prahova Bănești



Ministerul de Educație și Cercetare  
2007-2013



TRANS  
MĂRIȘTELE DE ÎNĂLȚĂRI, CONȘTIINȚĂ ȘI CALITATE

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.76: 1 – 31 August 2017

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## ANNEX 6.3.

### EXPERTS' ACTIVITY REPORTS



6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

**MONTHLY REPORT**  
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Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.76	<ul style="list-style-type: none"> <li>○ Covering issues according to AFDJ RA Galati guidelines</li> </ul>	Monthly Report 76
2	Communication of the project phase and results to the beneficiary - AFDJ Galați	<ul style="list-style-type: none"> <li>○ Elaboration of the addresses sent to AFDJ Galati</li> </ul>	
3	Coordination and checking of the field monitoring activity	<ul style="list-style-type: none"> <li>○ Checking the continuous monitoring stations, velocity measurements and bathymetry</li> <li>○ Checking the monitoring stations for sturgeons</li> <li>○ Checking the sampling campaigns</li> </ul>	
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"> <li>○ Working meetings</li> </ul>	
5	Approval of experts' monthly activity reports		
6	Checking and approving the documents elaborated in month 76 of the project activity		
7	Coordinate the completion of Interim Report 16		
8	Coordinate the drafting of Interim Report 17		
9	Elaborate the project activities program for the next period (1 - 30 September 2017)		

Project leader,  
PhD eng. Deák György



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

## MONTHLY REPORT 1 - 31 August 2017 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	OTHER ACTIVITIES	<ul style="list-style-type: none"> <li>▪ Contribution to Monthly Report 76</li> <li>▪ Processing the data regarding soil, water and sediments quality for Interim Report 17 (CP 01, CP02, CP 10, CP 03, CP 04, CP 07)</li> </ul>	

Expert,  
PhD eng. Gina GHIȚĂ

Project leader,  
PhD eng. DEÁK György



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### 6.3.3. Expert position: AIR AND NOISE MONITORING EXPERT - BORȘ ADRIANA (chemist 2)

## MONTHLY REPORT 1 - 31 August 2017 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Measurements campaign 70 for noise level (18, 23.08.2017)	For main critical points CP01 and CP02	Point values for noise level
2.	Conducting the measurements/sampling campaign for air, campaign 67 (18, 23.08.2017)	For main critical points CP01 and CP02	Preliminary values for air quality indicators
3.	Other activities	<ul style="list-style-type: none"> <li>○ Participation to the meetings of the project implementation team, in order to plan and conduct future activities</li> <li>○ Contribution to Monthly Report 76 (Air and noise monitoring chapters)</li> <li>○ Data processing for Interim Report 17 drafting</li> </ul>	Monthly Report 76 Interim Report

**Expert,**  
PhD chem. Adriana Borș

**Project leader,**  
PhD eng. DEÁK György



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

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Monitoring of sturgeons' migration CP01 and CP02 (21,22,23,27.08.2017)	<ul style="list-style-type: none"> <li>- data downloading from the monitoring systems.</li> <li>- scientific fishing for sturgeons species on Borcea branch.</li> <li>- ultrasonic and T-bar “antipoaching” tagging for a stellate sturgeon on Borcea branch.</li> <li>- active monitoring with VR100 for ultrasonic tagged sturgeon specimens.</li> </ul>	Report
2.	Other activities	<ul style="list-style-type: none"> <li>- Contribution to Monthly Report 76.</li> <li>- Drafting the Interim Report 17</li> </ul>	Report

**Ichthyologist Expert,**  
 PhD eng. Victor CRISTEA

**Project Leader,**  
 PhD eng. DEÁK György



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### 6.3.5 Expert position: ICHTYOLOGIST 2 EXPERT - Other fish species - Istvan Falka

## MONTHLY REPORT 1 - 31 August 2017 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Processing and interpretation for data obtained from scientific fishing (16, 17, 18, 21.08.2017)	Have been processed data from July and interpretation been made related to distribution, abundance and biomass for specimens captured in the monitored critical points	- species distribution, abundance and biomass in each critical point - Interim Report
2.	Other activities	Contribution to Monthly Report 76	Reports

**Ichthyologist Expert, other fish species**  
PhD biologist Istvan FALKA

**Project Leader,**  
PhD eng. DEÁK György



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### 6.3.6. Expert position: HYDROLOGY EXPERT - PhD eng. George POTERAŞ

## MONTHLY REPORT 1 - 31 August 2017 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing for turbidity, temperature and relative level, recorded in automatic stations in August 2017	Statistical processing of level, temperature and turbidity data recorded in August 2017, in automatic stations from the monitoring 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 Monthly Report 76	Processing and interpretation of specific data.	Drafting the Hydrology subchapter, for hydromorphological monitoring activity and for Annex 6.5.

**Expert,**  
PhD eng. George POTERAŞ

**Project Leader,**  
PhD eng. Deák György



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

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	<b>MONITORING CAMPAIGN</b> (04, 07, 08, 09, 10, 18, 23, 24, 25.08.2017)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetric data, primary and pre-processed
2	<b>MONITORING CAMPAIGN</b> (04, 07, 08, 09, 10, 18, 23, 24, 25.08.2017)	ADCP measurements for velocities and flow rates on the monitoring sector	Unprocessed velocities data
3.	OTHER ACTIVITIES	Further processing for flow and velocity measurements from previous months	Processed flow and velocity data Velocities sections
		Contributions to Monthly Report 76	Hydromorphology Chapter and Annex 6.5
		Drafting the program for 1 - 30 September 2017	Schedule

**Expert,**  
 PhD eng. Gh. Viorel UNGUREANU

**Project Leader,**  
 PhD eng. DEÁK György





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

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Desk activities	Identification and verification of polymorphic vegetal taxa, hardly identifiable on the field, introducing them as well as parameters registered on field in the computerized database.	Have been accurately identified and checked the unidentified taxa from the field and phytosociological tables have been made
2.	Other activities	Contribution to Monthly Report 76 - subchapter Terrestrial Flora  Contribution to Interim Reports 16, 17	Reports

Expert,  
Frink József Pál

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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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	<b>ANTHROPIC IMPACT MONITORING</b> (09, 23.08.2017)	<ul style="list-style-type: none"> <li>○ 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;</li> </ul>	<ul style="list-style-type: none"> <li>- data</li> <li>- photos</li> </ul>
2.	<b>OTHER ACTIVITIES</b>	<ul style="list-style-type: none"> <li>○ Contribution to Monthly Report 76</li> </ul>	Reports

**Expert,**  
AMBRUS Laszlo

**Project Leader,**  
PhD eng. DEÁK György



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**6.3.15. Expert position: Assessment/Monitoring the impact on biodiversity - HOLBAN Elena (ecologist 2)**

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Other activities	<ul style="list-style-type: none"> <li>○ Contribution to Interim Report 17</li> </ul>	Report

**Expert,**  
 PhD Elena Holban

**Project Leader,**  
 PhD eng. DEÁK György



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

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing related to aquatic and terrestrial ecosystems for Interim Report 17	Determination of primary statistical values	Primary statistical values
2.	Corroborate the monitoring results for abiotic and biotic parameters for Interim Report 17	Determination of intercorrelations between abiotic and biotic determinants	Correlation functions

**Expert assessor,**  
PhD Marian TUDOR

**Project Leader,**  
PhD eng. DEÁK György