



UNIUNEA EUROPEANĂ



MINISTERUL TRANSPORTURILOR  
ȘI INFRASTRUCTURII



Națională Agency de Protecție Mediului  
județ Prahova-Băneasa



Ministerul de Educație și Cercetare  
2007-2013



TRANS  
MĂRIȘTELE DE ACȚIUNI, 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.73: 1 – 31 May 2017

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## ANNEX 6.3.

### EXPERTS' ACTIVITY REPORTS



6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

**MONTHLY REPORT**  
**1 - 31 May 2017**  
Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report 73	<ul style="list-style-type: none"> <li>○ Covering issues according to AFDJ RA Galati guidelines</li> </ul>	Monthly Report 73
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 73 of the project activity		
7	Coordinate the completion of Interim Report 16		
8	Elaborate the project activities program for the next period (1 - 30 June 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 May 2017

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	OTHER ACTIVITIES	Data processing regarding soil, water and sediments quality for Interim Report 16 (CP01, CP02, CP10, CP03, CP04, CP07)	

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 May 2017

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	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 Interim Report 16</li> </ul>	Interim Report

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 2017

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Monitoring of sturgeons' migration CP01 and CP02 (11, 17, 18, 19, 24.05.2017)	- data downloading from the monitoring systems; - sturgeons migration monitoring with VR100 mobile device;	Database
2.	Other activities	Contribution to Monthly Report 73 Contribution to Interim Report 16	Reports

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

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



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

**MONTHLY REPORT**  
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Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Monitoring of shad migration: CP01, CP02, CP03, CP04, CP07 (11, 12.05.2017) and CP 10 (09.05.2017)	Scientific fishing with drifting nets in critical points 01, 02, 03, 04, 07 and 10 areas was conducted. Specific biometric measurements were made and samples of scales were determined for age determination.	<ul style="list-style-type: none"> <li>- shad distribution on the monitoring areas</li> <li>- structure by size and age classes</li> <li>- genders ratio</li> </ul>
2.	Other activities	Contribution to Monthly Report 73 Contribution to Interim Report 16	Reports

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

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



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

**MONTHLY REPORT**  
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Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing for turbidity, temperature and relative level, recorded in automatic stations in May 2017	Statistical processing of level, temperature and turbidity data recorded in May 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 73	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

**MONTHLY REPORT**  
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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	<b>MONITORING CAMPAIGN</b> (04, 05, 10, 11, 12, 17, 18, 19, 24, 25.05.2017)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetric data, primary and processed, bathymetric transversal profiles
2	<b>MONITORING CAMPAIGN</b> (04, 05, 10, 11, 12, 17, 18, 19, 24, 25.05.2017)	ADCP measurements for velocity and flow on the monitoring sector	Unprocessed velocities data
3.	OTHER ACTIVITIES	Continue processing for flow and velocity measurements from previous months	Processed flow and velocity data Velocities sections
		Contributions to Monthly Report 73	Hydromorphology Chapter and Annex 6.5
		Contributions to Interim Report 16	Hydromorphology Chapter

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

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





### 6.3.13 Expert position: AVIFAUNA MONITORING EXPERT - JOZSEF SZABO

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No	ACTIVITIES	DESCRIPTION	RESULTS
1.	<p style="text-align: center;"><b>MONITORING CAMPAIGN FOR AVIFAUNA - SPRING SEASON</b></p> <p style="text-align: center;"><b>(08-12, 15-19.05.2017)</b></p>	<ul style="list-style-type: none"> <li>○ Field campaign in CP02               <ul style="list-style-type: none"> <li>▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count)</li> <li>▪ Avifauna observation from the shore</li> </ul> </li> <li>○ Field campaign in CP10               <ul style="list-style-type: none"> <li>▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count)</li> <li>▪ Avifauna observation from the shore</li> </ul> </li> <li>○ Field campaign in CP03               <ul style="list-style-type: none"> <li>▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count)</li> <li>▪ Avifauna observation from the shore</li> </ul> </li> <li>○ Field campaign in CP07               <ul style="list-style-type: none"> <li>▪ Census of nesting avifauna - assessments on linear trails (transects) and observation points (point count)</li> <li>▪ Avifauna observation from the shore</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ observation sheets;</li> <li>○ data</li> <li>○ photos</li> <li>○ lists of species</li> </ul>
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> <li>○ Analysis and processing the data from campaign</li> <li>○ Contribution to Monthly Report 73</li> <li>○ Contribution to Interim Report 16</li> </ul>	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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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	<b>ANTHROPIC IMPACT MONITORING (10, 17.05.2017)</b>	<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 73</li> </ul>	Reports

**Expert,  
AMBRUS Laszlo**

**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  
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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing for terrestrial and aquatic ecosystems for Interim Report 16	Setting of primary statistical values	Primary statistical parameters
2.	Coroboration of the monitoring results for abiotic and biotic parameters for Interim Report 16	Establishing the intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variations

**Expert assessor,  
PhD Marian TUDOR**

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