



UNIUNEA EUROPEANĂ



MINISTERUL TRANSPORTURILOR  
ȘI INFRASTRUCTURII



Națională Agency de Protecție Mediului  
județ Prahova Băneasa



Ministerul de Educație și Cercetare  
2007-2013



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TRANSPORTUL TRANSPORTURILOR ȘI INFRASTRUCTURII  
MĂRIȘTEA DE ÎNFRONTĂRI, CONȘTIINȚĂ DE ÎMPREună

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.81: 1 – 31 January 2018

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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.81	<ul style="list-style-type: none"> <li>○ Covering issues according to AFDJ RA Galati guidelines</li> </ul>	Monthly Report 81
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 81 of the project activity		
7	Coordinate the Interim Report 17		
8	Coordinate the Interim Report 18		

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 January 2018 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PHYSICAL-CHEMICAL LABORATORY ANALYSIS	<ul style="list-style-type: none"> <li>▪ Conducting the specific standard procedures for analytical data quality assurance</li> <li>▪ Physical-chemical laboratory analysis for soil, water and sediment samples, collected in December 2017</li> </ul>	<ul style="list-style-type: none"> <li>▪ Preliminary data regarding soil, water and sediment quality</li> </ul>
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> <li>▪ Contribution to Monthly Report 81</li> <li>▪ Data processing for Interim Report 18</li> </ul>	Reports

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)

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Other activities	<ul style="list-style-type: none"> <li>• Processing the data on air quality in secondary critical points measured in previous month</li> <li>• Participation to the meetings of the project implementation team, in order to plan and conduct future activities</li> <li>• Contribution to Monthly Report 81 (Air and noise monitoring chapters)</li> <li>• Contribution to Interim Report 18 drafting</li> </ul>	Monthly Report 81 Interim Report 18

**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 January 2018 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Monitoring of sturgeons' migration in CP01 and CP02 (8,9,10.01.2018)	- active monitoring with VR100 for ultrasonic tagged sturgeon specimens. - data downloading from the monitoring systems	Report
2.	Data processing	- Contribution to Monthly Report 81 - Contribution to Interim Report 18	Report

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

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



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

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No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing for turbidity, temperature and relative level, recorded in automatic stations in January 2018	Statistical processing of level, temperature and turbidity data recorded in January 2018, 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 81	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.	MONITORING CAMPAIGN (04, 05, 09, 10, 17, 18, 22, 26, 30, 31.01.2018)	Single-beam bathymetric measurements in main critical points for sections profiling	Pre-processed and primary bathymetric data
2.	MONITORING CAMPAIGN (04, 05, 09, 10, 17, 18, 22, 26, 30, 31.01.2018)	ADCP measurements for flow and velocity, on the monitoring sector	Unprocessed velocities data
3.	OTHER ACTIVITIES	Further measurements processing for flow and velocities from previous months	Processed data for flow and velocities Velocities sections
		Contribution to Monthly Report 81	Chapter Hydromorphology and Annex 6.5
		Contribution to Interim Report 18	Chapter Hydromorphology and Annexes

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

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



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

## MONTHLY REPORT 1 - 31 January 2018 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	<p style="text-align: center;"><b>MONITORING CAMPAIGN FOR AVIFAUNA - WINTER MIGRATION</b></p> <p style="text-align: center;"><b>(11 - 19.01.2018)</b></p>	<ul style="list-style-type: none"> <li>○ Field campaign in CP01 area               <ul style="list-style-type: none"> <li>▪ Observations for aquatic avifauna from the shore and from the boat</li> </ul> </li> <li>○ Field campaign in CP02 area               <ul style="list-style-type: none"> <li>▪ Observations for aquatic avifauna from the shore and from the boat</li> </ul> </li> <li>○ Field campaign in CP03 area               <ul style="list-style-type: none"> <li>▪ Observations for aquatic avifauna from the shore and from the boat</li> </ul> </li> <li>○ Field campaign in CP04 area               <ul style="list-style-type: none"> <li>▪ Observations for aquatic avifauna from the shore and from the boat</li> </ul> </li> <li>○ Field campaign in CP07 area               <ul style="list-style-type: none"> <li>▪ Observations for aquatic avifauna 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.	<p style="text-align: center;"><b>OTHER ACTIVITIES</b></p>	<ul style="list-style-type: none"> <li>○ Analysis and processing the data from campaign</li> <li>○ Contribution to Monthly Report 81</li> <li>○ Contribution to Interim Report 17</li> </ul>	<p style="text-align: center;">Reports</p>

**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</b> (05, 22.01.2018)	<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>

**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.	<b>MONITORING OF ANTHROPIC IMPACT ON BIODIVERSITY</b>  (08-12.01.2018)	Observation on anthropic impact on avifauna in Natura 2000 sites: <ul style="list-style-type: none"> <li>✓ Field campaign in critical points area</li> </ul>	
2.	<b>OTHER ACTIVITIES</b>	<ul style="list-style-type: none"> <li>○ Contribution to Monthly Report 81</li> <li>○ Contribution to Interim Report 18</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 18	Determination of primary statistical values	Primary statistical values
2.	Corroborate the monitoring results for abiotic and biotic parameters for Interim Report 18	Determination of intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variation

**Expert assessor,  
PhD Marian TUDOR**

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