



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
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.54: 1 – 31 October 2015

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT
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.54: 1 – 31 October 2015

6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.54	<ul style="list-style-type: none"> ○ Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 54
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 54 of project activity		
7	Coordinate the drafting of Interim Report 12		
8	Elaboration of the project activities program for the next period (1 - 30 November 2015)		

Project leader,
PhD eng. Deák György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015 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. ▪ Conducting physical-chemical laboratory analysis for soil, water and sediment samples collected in September 2015 	<ul style="list-style-type: none"> ▪ Preliminary data regarding soil, water and sediment quality
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 54 ▪ Contribution to Interim Report 12 	

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL SECȚIONAL 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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing	Processing of the data measured in the field	Analysis bulletins
2.	Other activities	<ul style="list-style-type: none"> ○ Participation at the meetings of the project implementation team, in order to plan and conduct future activities ○ Contribution to the Monthly Report no. 54 (Chapters: Air and Noise Monitoring) ○ Contribution to Interim Report 12 	Monthly Report no 54

Expert,
PhD chem. Adriana Borș

Project leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Scientific fishing for sturgeon species (11, 17, 27.10.2015)	In October have been captured, tagged and released 4 sturgeons specimens: 3 beluga and 1 starry sturgeon.	Captures sheets
2	Data downloading:	Have been downloaded data from the monitoring systems and been performed maintenance activities.	Database completion
3	Other activities	Contribution to Monthly Report no. 54 Data processing for Interim Report 12	Reports

Ichthyologist Expert,
PhD eng. Victor CRISTEA

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Processing the data	Have been processed and interpreted the data obtained from scientific fishing in all monitored critical points.	- species distribution, abundance and biomass of captured specimens
2.	Other activities	Contribution to the Monthly Report no. 54 Contribution to Interim Report 12	Report

Ichthyologist Expert, other fish species,
PhD. biol. FALKA Istvan

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL REGIONAL 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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Turbidity, temperature and relative level data processing, recorded in the automatic stations in October 2015	Statistical processing of level, temperature and turbidity data recorded in October 2015, in automatic stations on monitored sector.	Statistical indicators, turbidity and temperature variation graphics, hodographs of the relative and absolute water level, water gradients, correlations between the automatic monitoring stations.
2.	Contribution to the Monthly Report no. 54	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



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL REGIONAL 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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (01-02, 05-06, 12, 15, 16, 19-22, 27, 29.10.2015)	Single-beam bathymetric measurements on the monitoring sector, including CP01 and CP02	Primary and processed bathymetric data, transversal bathymetric profiles
2.	MONITORING CAMPAIGN (01-02, 05-06, 12, 15, 16, 19-22, 27, 29.10.2015)	ADCP measurements for velocities and flow on the monitoring sector, including CP01 and CP02	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. 54	Hydro-morphology Chapter and Annex 6.5
		Schedule drafting for 1 - 30 November 2015 period	Schedule

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL REGIONAL 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.54: 1 – 31 October 2015

6.3.8 Expert position: MACROPHYTES AND PHYTOPLANKTON EXPERT - Florica Marinescu

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PREPARING THE SAMPLING CAMPAIGN FOR MACROPHYTES	<ul style="list-style-type: none"> ▪ Preparation of reagents for samples fixing in field conditions; ▪ Preparing the necessary documents for „in field” samples registration 	Ensure the optimal conditions for conducting the sampling campaign
2.	PERFORMING SAMPLING CAMPAIGN FOR MACROPHYTES (15.10.2015)	<ul style="list-style-type: none"> ▪ Specific sampling activities for phytoplankton in CP 03A, 03B, 04A, 04B, 07 ▪ Samples fixing according to standards ▪ Sampling bulletins completion for phytoplankton 	<ul style="list-style-type: none"> - 20 samples of macrophytes - sampling bulletins
3.	DATA PROCESSING AND ANALYSIS	<ul style="list-style-type: none"> ▪ drawing up the list of macrophytes species identified in each critical point ▪ calculation of density and biomass for aquatic macrophytes 	Values of quality indicators
4.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report no. 54 - chapter „Aquatic flora and fauna monitoring (except for ichthyofauna) ▪ Contributions to Interim Report 12 	Monthly Report no. 54 - Chapter F Interim Report 12 - Chapter 2.1.7

Expert,
PhD biologist Florica MARINESCU

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL REGIONAL 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.54: 1 – 31 October 2015

6.3.11 Expert Position: AQUATIC MACROINVERTEBRATES EXPERT - Luiza FLOREA

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PREPARING THE SAMPLING CAMPAIGN FOR AQUATIC MACROINVERTEBRATES	<ul style="list-style-type: none"> ▪Preparing sampling containers ▪Preparation of reagents for samples fixing in field conditions; ▪Preparing the necessary documents for „in field” samples registration 	Ensure the optimal conditions for conducting the sampling campaign
2.	SAMPLING CAMPAIGN FOR AQUATIC MACROINVERTEBRATES (15-16.10.2015)	<ul style="list-style-type: none"> ▪Specific sampling activities for aquatic macroinvertebrates in monitoring area, including critical points CP01 and CP02 ▪verification of compliance for GPS coordinates of each sampling point ▪Samples labelling and fixing ▪Sampling bulletins completion for aquatic macroinvertebrates 	<ul style="list-style-type: none"> ▪ 40 samples units ▪ sampling bulletins
3.	PERFORMING LABORATORY ANALYSIS	<ul style="list-style-type: none"> ▪additional sorting of benthic macroinvertebrates samples, collected to select benthic organisms and perform further investigations ▪qualitative and quantitative analysis for benthic macroinvertebrates samples 	▪ 40 selected samples units
2.	DATA PROCESSING AND ANALYSIS	<ul style="list-style-type: none"> ▪calculating abundance and numerical density on taxonomic groups of benthic macroinvertebrates ▪Shannon-Wiener diversity index calculation for macroinvertebrates samples ▪drawing up a list of saprobe indicators of water quality ▪Graphic representation of data quality resulting from the analysis of macroinvertebrates samples 	▪ values of quality indicators
5.	OTHER ACTIVITIES	<ul style="list-style-type: none"> • Contributions to Interim Report 12 	

Expert,
Luiza FLOREA

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL SECȚIONAL 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.54: 1 – 31 October 2015

6.3.13 Expert position: AVIFAUNA MONITORING EXPERT - JOZSEF SZABO

MONTHLY REPORT 1 - 31 October 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	<p>MONITORING CAMPAIGN FOR AVIFAUNA - AUTUMN MIGRATION</p> <p>(05-09, 12-16, 19-21.10.2015)</p>	<p>Field trip in monitored critical points area - birds census</p> <ul style="list-style-type: none"> ▪ Observations for aquatic and migratory avifauna from the boat 	<ul style="list-style-type: none"> ○ observation sheets; ○ data; ○ photos; ○ lists of species
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 54 (chapters G and H) ▪ Contribution to Interim Reports 12 	Reports

Expert,
JOZSEF SZABO

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL SECȚIONAL 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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (27.10.2015)	<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; ○ sites verification; 	<ul style="list-style-type: none"> - data - photos
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Contribution to the Monthly Report no 54 ○ Contribution to the Interim Report no. 12 ○ Program proposal for the next period activities 	Monthly Report no. 54

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 31 October 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING OF THE ANTHROPIC IMPACT ON BIODIVERSITY (12-16.10.2015)	<p>Observation regarding anthropic impact on avifauna in Natura 2000 sites:</p> <ul style="list-style-type: none"> ▪ Field campaign in critical points area and dobrogian lakes. ▪ Avifauna assessments in Natura 2000 sites 	<ul style="list-style-type: none"> - data - photos - species list
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Contribution to the Monthly Report no 54 ○ Preparing the data for Interim Report 12 	Reports

Expert,
PhD. Tania ZAHARIA

Project Leader,
PhD eng. Deák György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
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.54: 1 – 31 October 2015

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

MONTHLY REPORT 1 - 30 September 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Primary data processing for Interim Report 12	Data regarding 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 assessor,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI
MINISTERUL TRANSPORTURILOR
ȘI INFRASTRUCTURII



Institutul Național de Cercetare-Dezvoltare
pentru Protecția Mediului



Instrumente Structurale
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.54: 1 – 31 October 2015

6.3.17. EXPERT 3D MODELLING - PhD HELMUT HABERSACK

MONTHLY REPORT 1 - 31 October 2015

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Preparation of the geometric input and the computation meshes for RSim3D including new geometry of September 2014.	Inserting new geometry of September 2014 into the terrain model and adjustment of the computation mesh of RSim3D, to discretize the structure.	New geometry inserted into terrain model and computation mesh of RSim3D.
2.	Hydrodynamic numerical simulations and habitat simulations of the new geometry of September 2014 with RSim3D.	Hydrodynamic-numerical simulations and habitat simulations of the new geometry of September 2014 were done at CP01 and CP02 with RSim3D.	Simulations of the new geometry September 2014 at CP01 and CP02 done.
3.	Sediment transport simulation of the new geometry of September 2014	Sediment transport simulation of the new geometry of September 2014 at CP01 and CP02 with iSed	Sediment simulation of the new geometry of September 2014 at CP01 and CP02.
4.	Preparation of the geometric input and the computation meshes for Delft3D including new geometry of May 2015.	Inserting new geometry of May 2015 into the terrain model and adjustment of the computation mesh of Delft3D.	New geometry - May 2015 -inserted into terrain model and computation mesh of Delft3D.
5.	Other activities.	Contributions to Monthly Report 54.	Monthly Report 54.

Expert,
PhD Helmut HABERSACK

Project Leader,
PhD eng. DEÁK György