

# Forum

## of Stakeholders of the Project

„Preparation of documentation for River Training Works  
on the Critical Sectors of the Danube River in Serbia“

<b>Date:</b>	22-03-2013
<b>Duration:</b>	10:00 - 15:00
<b>Venue:</b>	Directorate for Inland Waterways, Francuska 9, 11000 Belgrade, Serbia
<b>Host:</b>	Directorate for Inland Waterways
<b>Chaired by:</b>	Ivan Mitrovic, Directorate for Inland Waterways (Plovput)

## Meeting Minutes

from the eight meeting of the Stakeholders' Forum

<b>MMs prepared by:</b>	Milica Curcic, Jasna Muskatirovic, Ivan Mitrovic (Plovput)
<b>Photos:</b>	Luka Krivokuca, Plovput
<b>Version:</b>	Draft
<b>Date of preparation:</b>	29-03-2013
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<b>Final version</b>	09-04-2013



# Agenda

Time	Subject
09:45	Registration
10:00	Welcome speech, agenda, organizational issues
10:10	Meeting Minutes of the seventh meeting of the Forum
10:20	Transparency of the process and dissemination activities
10:40	The scope and the content of the EIA Study
11:15	Availability of data within the EIA Study
12:00	<i>Pause</i>
13:00	Availability of data within the EIA Study
13:30	Technical supervision and environmental monitoring programme
14:30	Conclusions, recommendations, next meetings timetable, closing words
15:00	Until the next meeting



## List of participants

Br/ No.	Ime i prezime/ Name and family name	Organizacija/ Organization	Skr. / Abbr.	Zemlja/ Country
1	Dr Benedikt Mandl	Međunarodna komisija za zaštitu reke Dunav / International Commission for the Protection of the Danube River	ICPDR	AT
2	Dušan Dobričić	Direkcija za vode (Nacionalni ICPDR koordinator) / Directorate of Water (National ICPDR Coordinator)	DzV	RS
3	Duška Dimović	Svetski fond za zaštitu prirode / World Wide Life Fund	WWF	RS
4	Duško Isaković	Međunarodna komisija za sliv reke Save / International Sava River Basin Commission	ISRBC	HR
5	Georg Rast	Svetski fond za zaštitu prirode / World Wide Life Fund	WWF	DE
6	Mr Gordana Karović	Aqua et Archaeologia	AeA	RS
7	Mr Ivan Mitrović	Direkcija za vodne puteve / Directorate for Inland Waterways	plovput	RS
8	Ivana Dmitrović	Energoprojekt	EP	RS
9	Dr Jasna Muškatirović	Direkcija za vodne puteve / Directorate for Inland Waterways	plovput	RS
10	Ljubiša Mihajlović	Direkcija za vodne puteve / Directorate for Inland Waterways	plovput	RS
11	Marko Tucakov	Pokrajinski zavod za zaštitu prirode / Institute for Nature Protection of Vojvodina	PZZP	RS
12	Michel Zuijderwijk	Witteveen Bos	WB	NL
13	Mićun Stanić	Ministarstvo energetike, razvoja i životne sredine, / Ministry of Energy, Development and Environment	MERŽS	RS
14	Milica Ćurčić	Direkcija za vodne puteve / Directorate for Inland Waterways	plovput	RS
15	Otto Nagy	Delegacija Evropske unije u Republici Srbiji / Delegation of the European Union to the Republic of Serbia	DEU	EU
16	Roberto Zanetti	Witteveen Bos	WB	NL
17	Tanja Lukić	Ministarstvo saobraćaja / Ministry of	MS	RS



		Transport		
18	Vladan Malešev	Inter-institucionalna profesionalna mreža u sektoru voda Srbije / Inter-institutional Professional Network in the Serbian Water Sector	IPM	RS
19	Vladimir Pajvančić	Javno vodoprivredno preduzeće Vode Vojvodine / Public Water Management Company Vode Vojvodine	VV	RS
20	Zoran Novaković	Privredna komora Srbije / Serbian Chambers of Commerce	PKS	RS

Mr. Ljubisa Mihajlovic, the Director of the Directorate for Inland Waterways, officially opened the meeting, welcomed participants of the eighth meeting of the Stakeholders' Forum for the project "Preparation of documentation for river training works on critical sectors of the Danube River in Serbia", and gave the floor to the chairman of the Forum, Mr. Mitrovic (Directorate for Inland Waterways). Mr. Mitrovic welcomed participants of the meeting and presented the agenda for the seventh meeting of the Forum.

Mr. Mitrovic presented the **MMs from the eight meeting of the Forum**. He said that, in accordance to the General rules on organization and work of the Forum, all comments from the participants of the meeting delivered until 25<sup>th</sup> of February 2012 have been incorporated into the text, and that this document is available to the public since 04<sup>th</sup> of March 2013, through the web site of the Directorate for Inland Waterways, at the section Stakeholders' Forum.

Mr. Mitrovic informed participants about activities which are being performed in realization of the Article 8 of the General rules on organization and work of the Forum (**Transparency of the work of the Forum**):

- Dissemination Report is prepared and will be available to the public at the Plovput's web site, in the section Stakeholders' Forum
- an article about the project will be published in the next edition of the Magazine Detlic (Woodpecker)
  - Mr. Tucakov (PZZP) announced that the magazine will be published until the next meeting of the Forum, containing an article about the project and the work of the Stakeholders' Forum. This article is prepared by Mr. Mitrovic (Plovput).
- A quote of the chairperson of the Stakeholders' Forum will be published in the next edition of the ICPDR Magazine Danube Watch
- Abstracts of the members of the project team have been accepted for the Smart Rivers 2013 conference
- Mrs. Karovic (AetA) said that on 22nd of April 2013 a lecture by the representative of Plovput on waterway marking will be given at the Museum of Science and Technics in Belgrade. Mrs. Karovic (AetA) proposed mentioning the work of the Stakeholders' Forum within that lecture.
- Mr. Mitrovic (Plovput) announced the visit of students from the Technical University Delft from Netherlands in July 2013, and that project "Preparation of



Documentation for River Training Works on Critical Sectors on the Danube River” will be presented to them, as well as the work of the Stakeholders’ Forum.

Mr. Mitrovic (Plovput) reminded all participants of the Stakeholders' Forum that according to the General rules on organization and the work of the Forum, information related to the project are available to the public. He said that all Forum members are entitled to raise questions, and that answers will be available to all Forum members, as well as to the general public, by posting at the Plovput's web site, in the section Stakeholders' Forum.

The next topic of the meeting was the Scope and the content of the EIA Study. Mr. Stanic (MERZS) said that existing legislation in Serbia defines this topic. He asked if trends of water levels and discharges of the Danube River have been analyzed, and if predictions of the impact of the future works on morphology and hydrology have been made. Mr. Mitrovic (Plovput) replied that analysis of water levels and discharges have been analyzed for the period since 1950 until today, and that analysis showed balanced trend of the average annual discharges, while the annual drop of water levels of approximately 1 cm have been identified. Mr. Stanic (MERZS) asked if the morphological model can show the impact of structures after the construction. Mr. Zuijderwijk (WB) said that structures will have marginal local impact on water levels of a few centimeters. Mr. Rast (WWF) asked if the EIA Study will be available to the public. Mr. Mitrovic answered that the EIA Study will be available to the public at the Plovput’s web site, in the section Stakeholders’ Forum, the same day when it is submitted to the Ministry of Energy, Development and Environmental Protection for the official procedure.

Mr. Mitrovic (Plovput) said that the solution for the critical sector Beska has been changed from proposed sills and dredging to only dredging. Overall, structures are proposed for critical sector Futog (chevron and detached groin), Cortanovci (three sills) and Preliv (two chevrons). Currently, the process of merging three sub models in one overall model is in progress, in order to evaluate cumulative morphological effects. Mr. Mitrovic (Plovput) presented animation of morphological changes at the three critical sectors on which river training structures are planned. All animations are prepared based on the morphological model, tested for the three years period (including minimum, maximum, and average discharge observed in the 30 years period).

Mr. Stanic (MERZS) asked about the way in which the monitoring before, during, and after construction of river training structures at critical sectors will be organized. Mr. Mitrovic (Plovput) answered that the preparation of documentation for the monitoring is in progress and that monitoring will include the conditions before, during, and after the construction. Mr. Stanic (MERZS) informed participants of the meeting that the Request for the scope and the content of the EIA Study has been submitted to the Ministry of Energy, Development, and Environmental Protection, that the request has been published at the newspaper Politika, that it was available to all interested parties, and that no comments or suggestions have been submitted.

Mr. Rast (WWF) stated that it would be necessary to define current conditions within the EIA Study, as well as the future trends during and after the works. During his presentation on monitoring, Mr. Rast (WWF) emphasized the importance of the different monitoring components: morphological changes, flow velocities, turbidity, sediment quality (with



special attention on stratified sampling), O<sub>2</sub> over the water column, sediment sampling at dredging sites, biological components with the focus on indicative species.

Mr. Tucakov (PZZP) held the presentation on monitoring of protected species and protected areas before, during, and after river training works. He emphasized the importance of biological monitoring, goals of monitoring process, monitoring of indicative species within the population of birds, fishes, plants, and protected areas, as well as assumption of resources needed for the monitoring process. After the presentation, Mr. Nagy (DEU) asked if all data needed for the monitoring are available and if they have been used for the preparation of project documentation. Mr. Zuijderwijk (WB) answered that all data received from the PZZP have been used during the preparation of the project documentation. Mr. Mitrovic (Plovput) stated that all data that are going to be collected during the monitoring process will be elaborated and that one joint monitoring report will be prepared, in which all biological, hydrological, hydrographical, morphological, and other parameters will be treated.

Mr. Rast (WWF) asked what will be done in the case that during the monitoring process the impact to the environment is shown to be more negative than the preliminary assessment. Mr. Nagy (DEU) said that if the need for some additional work is identified, additional funds can be available and that for these cases a strict procedure exists. Mr. Rast (WWF) said that such cases appear and that it would be useful to have a physical model before the construction. Having in mind that physical models are not being prepared within the project "Preparation of documentation for river training and dredging works on critical sectors on the Danube River", it is useful to investigate how similar structures influenced morphology of the river in the past (for example, existing groins at the critical sector Futog). Mr. Tucakov (PZZP) said that the morphological modeling showed no major morphological changes after performing river training works and that he believes that the practical application will confirm conclusions of the morphological modeling. Mr. Mitrovic (Plovput) said that the actual situation on the field will be compared with the modeling results during the monitoring process, and that in case of major deviations of real in comparison to the planned effects a compensation measures will be applied, in order to minimize the negative impact to the environment. He expressed his belief that such a case will not happen, having in mind the detailed planning process that has been performed within the current project.

Mr. Malesev (IPM) asked if sediment sampling is going to be done during the dredging activities. Mr. Zanetti (WB) said that during the dredging activities samples are being taken every 20.000-30.000 m<sup>3</sup> of the dredged material, and that sampling will be performed also at locations on which the dredged material will be deposited back to the river. Mr. Mitrovic (Plovput) reminded participants of the meeting that primary samples have been taken at the locations planned for the dredging during the current planning project, and that results showed no pollution.

After fruitful discussion, a timeframe for the next meetings have been discussed. It was agreed that the eight meeting of the Forum will be held on 10<sup>th</sup> of May 2013 (alternatively on 13<sup>th</sup> of May 2013). Venue and the exact timing of the meeting will be defined in due time, in accordance to the timeframe set within the General rules on organization and work of the Forum. After expressed willingness of the participants to continue activities within the Forum, Mr. Mitrovic thanked everybody for their active role in the Forum, with which the seventh meeting of the Forum was officially ended.



## Next steps

Activity	Responsible	Deadline
Uploading of the documentation from the eight meeting of the Forum to the web site of Plovput (agenda, list of participants, presentations, photos)	Chair person	25-03-2013
Delivering comments on the draft version of the MMs from the eight meeting of the Forum to the chair person	All	08-04-2013
Distribution of the final version of the MMs to participants of the eight meeting of the Forum	Chair person	12-04-2013
Uploading the final version of the MMs from the eight meeting of the Forum to the web site of Plovput	Chair person	12-04-2013
Distribution of the draft agenda for the ninth meeting of the Forum	Chair person	29-04-2013
Delivering comments to the draft agenda for the ninth meeting of the Forum to the chair person	All	06-05-2013
Distribution of the final version of the agenda for the ninth meeting of the Forum	Chair person	08-05-2013
The ninth meeting of the Forum	All	10-05-2013 (13-05-2013)



