



Ref. No.: 3-18-18/3-2

Zagreb, December 14, 2018

**38<sup>th</sup> Meeting of the Permanent Expert Group for Flood Protection**  
**REPORT FROM THE MEETING**

Zagreb, 13-14 December 2018

Venue: Premises of the International Sava River Basin Commission, Kneza Branimira 29/II, Zagreb

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## **I. ATTENDANCE**

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The PEG members from Bosnia and Herzegovina, Croatia and Serbia attended the meeting. The Consultant representatives engaged for the development of Sava FRMP, also participated at the meeting.

The list of participants is annexed to this report.

## **II. CHAIRMANSHIP**

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Ms. Dragana Milovanović chaired the meeting.

## **III. ADOPTED AGENDA**

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### **1. Opening of the meeting**

- Welcome address
- Adoption of the Agenda

### **2. Overview of the activities between the two PEG FP meetings**

- Presentation on the ISRBC activities

### **3. Development of the Flood Risk Management Plan for the Sava River basin**

#### *3.1. Public information and consultation process on the draft Sava FRMP*

- Introduction
- Review of the comments received on the draft Sava FRMP
- Review of the comments received on the draft Maps
- Preparation of responses to the comments
- Finalization of the process

#### *3.2. Preparation of the final draft of Sava FRMP*

#### *3.3. Preparation of the final draft of Flood Maps (Atlas)*

#### *3.4. Preparation of the final draft of the background documents*

- Conclusions relevant for the basin, drawn from the PFRA
- Conclusions relevant for the basin, drawn from the FHR maps
- Objectives of flood risk management of common interest in the Sava River basin
- Catalogue of Measures
- Summary of Measures
- Common basin-wide Cost Benefit Analysis for the Summary of Measures
  - Environmental Impact Analyses/Report for the Summary of Measures including the proposal of analyses and maps of potential synergies and differences between PoM of RBMP and SoM of FRMP
  - Proposal of Modes of cooperation of the Sava countries in the flood defence emergency situations including the proposal of Mechanisms of coordination on the basin-wide level

#### *3.5. Designing the FRMP database module and implementing it into SavaGIS*

#### *3.6. Strategy for follow-up*

- Presentation on the draft document
- Discussion and conclusions

3.7. *Translation, design and print of the final Sava FRMP*

3.8. *Progress report*

- Draft Final project report

**4. Development of the Water Contingency Management project proposal**

**5. Any other issues**

## **IV. DISCUSSION, RECOMMENDATIONS AND CONCLUSIONS**

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### **AD.1. OPENING OF THE MEETING**

#### *Welcome and opening remarks by the PEG FP Chairman*

Ms. Dragana Milovanović opened the meeting, welcomed the PEG FP members as well as the Sava FRMP project experts and informed the participants on some logistical issues.

It was stressed that the meeting is used as the last meeting of the Core Working Group, established by the Sava Commission for the following up the implementation of the WBIF project component (Sava FRMP project).

#### *Adoption of the Agenda*

PEG FP adopted the proposed agenda of the 38<sup>th</sup> meeting (*Doc.Ref.No: 3-18-14/2-2*), with agenda items presented in Part III of this report. (Meeting document: *Ad.1. PEG FP\_38th meeting\_AdoptedAgenda*).

### **AD.2. OVERVIEW OF THE ACTIVITIES BETWEEN THE TWO PEG FP MEETINGS**

Ms. Milovanović on behalf of the Secretary, Dragan Zeljko, informed the PEG FP on the most important activities and events since the 34<sup>th</sup> PEG FP meeting held in June 2018, including conclusions related to the flood protection issues adopted at the 49<sup>th</sup> and 50<sup>th</sup> Sessions of the Sava Commission.

Priority activities for finalization of the FY 2018 were pointed out, and the PEG FP was informed on the upcoming meetings and events.

Additionally, with respect to the Sava HEC-RAS model, the PEG FP was informed that the model is delivered and available to the countries from October 25, 2018 within the Sava FFWS platform after the official handover ceremony. The version of model with special scenarios available (2D modelling, levee breach) jointly with the technical documentation will be delivered beginning of the next year.

### **AD.3. DEVELOPMENT OF THE FLOOD RISK MANAGEMENT PLAN FOR THE SAVA RIVER BASIN**

Ms. Milovanović briefly informed the PEG FP on the current status of the WBIF project component 1 and development of the draft Sava FRMP. It was emphasized that the Sava Commission on its 50<sup>th</sup> Session accepted the plan of activities for finalization of the Sava FRMP in the following steps:

- Following the final approval by the PEG FP members, the draft Sava FRMP will be submitted to the Sava Commission for its endorsement; by endorsement of the draft Sava FRMP, it becomes official Sava FRMP Proposal
- The Sava FRMP Proposal in English and translation in all official languages of the Sava Commission shall be sent to the Parties for adoption procedures as well as to Montenegro
- An Extraordinary Meeting of the Parties to the FASRB will be organized with aim to approve the Sava FRMP and to present other advances in cooperation of the Parties in flood management in the Sava River Basin. The meeting will be held in September/October 2019, tentatively.

The consultant and the PEG / CWG members were once again asked to be fully involved within the remaining period of the project.

### ***3.1 Public information and consultation process on the draft Sava FRMP***

Mr. Zoran Bogunović and Mr. Boris Ščekić presented results of the public consultations process and information regarding the Stakeholder Forum that was held in Belgrade on November 14<sup>th</sup> and 15<sup>th</sup> 2018. During the public consultations process (October 31<sup>st</sup>– December 1<sup>st</sup> 2018), 160 comments were received from 14 institutions. The project team prepared a report containing a table with all comments, with proposed resolution and related justification of the draft Sava FRMP. It was proposed to accept 62 comments, out of which 46 caused changes to the draft Sava FRMP text. 98 comments were not accepted.

It was noted that comments could be roughly divided into two groups – comments from institutions involved in the draft Sava FRMP preparation, concerning specific elements of the Plan and comments from stakeholders dealing with environmental protection, who were concerned about lack of their participation in the document preparation, as well as the effects of proposed measures on the environment.

The table of comments was reviewed and accepted by PEG FP. The project team will prepare a final version of the report that can be published on the Sava FRMP website.

Regarding the Stakeholder Forum held in November, there were 47 participants from all countries of the Sava River Basin and international organizations. Report on the Forum is included in the Public Participation Report prepared as one of the background documents for the draft Sava FRMP.

### ***3.2 Preparation of the final draft of Sava FRMP***

Following discussion on specific comments and changes to the draft Sava FRMP received in the public consultations process, Mr. Omerbegović presented the draft document chapter by chapter and very detailed comments/corrections agreed by the PEG FP / CWG were entered directly into the document.

It was agreed that PEG FP / CWG members will send any additional comments to the Secretariat until December 21, 2018, based on which the project team will prepare the final version of the draft Sava FRMP.

### ***3.3 Preparation of the final draft of Flood Maps (Atlas)***

Sava FRMP Atlas document was presented by Mr. Davorin Singer. It includes a total of 47 A3 maps produced within the project. No comments were received on the Atlas during the public consultations process. Minor corrections were agreed during the meeting and the final document can be prepared by the project team.

### ***3.4 Preparation of the final draft of the background documents***

10 background documents were presented by Ms. Višnja Omerbegović, Mr. Predrag Srna, Mr. Branislav Sekulović and Mr. Boris Ščekić.

The PEG FP concluded that background documents will be treated as technical documents prepared by the project team during preparation of the draft Sava FRMP, but will not be referenced directly in the Sava FRMP as its parts. It was noted that any previously agreed changes to the draft Sava FRMP will be reflected in the background documents by the project team. All remarks received during the meeting were noted and corrected directly in each document.

It was agreed that PEG FP / CWG members will send additional comments to the ISRBC Secretariat until December 21, 2018, if any. For the Summary of Measures, it was agreed that PEG FP / CWG members will review the table of structural projects (excel version) and send the missing information, notably about the status of EIA procedures per each project. The table will be distributed to PEG FP / CWG members by the Secretariat right after the meeting.

### *3.5 Designing the FRMP database module and implementing it into SavaGIS*

Mr. Davorin Singer presented the final version of Sava FRM geodatabase model and activities on implementation into SavaGIS. It was noted that all the updates expected from the project regarding SavaGIS were successfully completed.

The project team will deliver the final set of technical and other documentation (user manuals) that was produced under this project activity by December 19 and these documents will be shared with PEG FP and PEG GIS members for approval.

### *3.6 Strategy for follow-up*

The document was presented by Ms. Višnja Omerbegović and noted that further comments and changes to the document are expected, since this was the first time that a complete draft has been presented to PEG FP / CWG.

Main remarks received are summarized below:

- Climate change chapter should be taken out of the document and used for preparation of a separate background document
- Chapter on best practices should stay in the document for now, but most likely it will be moved into another background document (Summary of measures)
- SWOT analysis chapter should be improved, including a more detailed elaboration (not only a table) of strengths and weaknesses of the draft Sava FRMP and of the complete process of its preparation. It should specifically emphasize the process of development of AMIs, preparation of the indicative APSFRs created for areas of Brčko District in Bosnia and Herzegovina and area of Montenegro and other such notable achievements. Regarding weaknesses, specific issues should be addressed. One of the major weaknesses is that certain areas, important for flood management in the basin, were not included in this version of the draft Sava FRMP. The Strategy does not have to mention specific areas, but should give recommendations on how to overcome this deficiency in the next planning cycle
- In general, the provided SWOT table must be followed with a proper narrative explanation of its elements
- Conclusions should be improved to be more specific and to include concrete and clear recommendations for the next planning cycle (taking into account the countries specifics), recommendations coming from the background documents, specific recommendations linked to non-structural measures (e.g. measures that should provide better and more data for the next cycle), etc.

The project team will update and deliver the new version of the document by December 21<sup>st</sup>, 2018. PEG FP / CWG members will send comments on that version.

### *3.7 Translation, design and print of the final Sava FRMP*

Mr. Boris Ščekić presented the upcoming translation and printing activities. The PEG FP concluded the following:

- main document of the draft Sava FRMP will be translated to official languages of the Sava Commission, Montenegrin and English
- Atlas will remain in English version only

- Background documents and the Follow-up Strategy (currently in Croatian) will be translated to English.

The project team should make every effort to have the draft Sava FRMP translated to all languages by January 25<sup>th</sup> 2019 so that it can be reviewed by the PEG FP members at the next meeting in February 2019.

Regarding printing, only Sava FRMP and Atlas are to be printed.

The printing specifications will be agreed with the Secretariat, including how the total of 500 copies to be printed will be distributed per each language. It should also be specified how many copies of the Atlas will be printed.

Based on these specifications, the consultant will reserve funds for printing the Sava FRMP and Atlas in 2019, once these documents are approved in their final form.

### **3.8 Progress report**

Mr. Boris Ščekić presented the contents of the draft Final Report, for which the Secretariat and PEG FP comments should be obtained, before it is submitted by the project to the World Bank.

The report will include:

- Introductory part about the project
- Overview of each ToR activity and output produced by the project
- Chapter on project management structure and the project team
- Key issues encountered during the implementation
- Conclusions and recommendations.

It was suggested that the Final Report (once approved by the World Bank) should be printed and distributed to the Secretariat and PEG FP members.

### **AD.3. DEVELOPMENT OF THE WATER CONTINGENCY MANAGEMENT PROJECT PROPOSAL**

Mr. Samo Grošelj informed the PEG FP on the 3<sup>rd</sup> call of the Danube Transnational Cooperation Programme which will open between December 15<sup>th</sup>, 2018 and January 15<sup>th</sup>, 2019, tentatively. DTP objectives, key principles, areas of intervention, criteria for eligible applicants and partnership requirements were presented in the presentation.

It was pointed out that the Water Contingency Management project proposal could be submitted within the Priority Axis 2- Environment and Culture responsible Danube Region, Specific Objective 2.4 Improve preparedness for environmental risk management which is focusing on cooperation responding to major transnational or national emergency situations in connection to environmental risks.

This project proposal would connect implementation of three protocols to the FASRB i.e. Protocol on emergency situations (final harmonization is expected soon), Protocol on flood protection (in force since November 2015) and Protocol of Water Pollution caused by Navigation (in force since October 2017).

In addition, a list of potential project partners has been presented.

The PEG FP took note on this project proposal and concluded that activities in the flood protection are currently much more developed and defined in more detail in comparison to other two fields of work of the Sava Commission. Therefore, the PEG FP concluded that the project proposal should recognize current situation and results achieved for the flood risk management planning on the basin level and should plan project proposal activities related to flood risk management taking into account existing documents and tools (draft Sava FRMP, Sava GIS, Sava HIS, Sava FFWS).

**AD.4. ANY OTHER ISSUES**

The 39<sup>th</sup> meeting of PEG FP will be held on February 7<sup>th</sup> -8<sup>th</sup> 2019.

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\* by the web link

## ANNEX II. LIST OF DOCUMENTS

Agenda item	Document	ENG	HRV	SLO	BIH-BOS	BIH-HRV	BIH-SRP	SRP
1.	AD.1. PEG FP_38th meeting_AdoptedAgenda.docx	↓						
2.	AD.2_PEG FP 38_Presentation_ISRBC.ppt	↓						
3.1	AD.3.1_Public information and consultation process on the draft Sava FRM.pptx							
	AD.3.1_D_Sava FRMP comments 05-12-18.xlsx		↓					
	AD.3.1_D_SavaFRMP_Sudjelovanje javnosti_05-12-2018_hrv.docx		↓					
3.2	AD.3.2_B1_SavaFRMP_nacrt_05-12-18_hrv.docx	↓	↓		↓		↓	↓
3.3	AD.3.3_B1_SavaFRMP_Atlas_05-12-18_eng.docx	↓						
3.4	AD.3.4.1_B2_SavaFRMP_PFRA_05-12-18_hrv.docx		↓					
	AD.3.4.2_B3_SavaFRMP_FHRM_05-12-18_hrv.docx		↓					
	AD.3.4.3_B4_SavaFRMP_Ciljevi_05-12-18_hrv.docx		↓					
	AD.3.4.4_B5_SavaFRMP_Katalog_mjera_05-12-18_hrv.docx		↓					
	AD.3.4.5_B5_SavaFRMP_Postojece i potencijalne retencije_05-12-2018_hrv.docx		↓					
	AD.3.4.5_B5_SavaFRMP_Pregled_mjera_05-12-18_hrv.docx		↓					
	AD.3.4.6_B5_SavaFRMP_CBA_05-12-18_hrv.docx		↓					
	AD.3.4.6_B5_SavaFRMP_CBA_model_05-12-18_hrv.xlsx		↓					
	AD.3.4.7_B6_SavaFRMP_EIA+ODV_05-12-18_hrv.docx		↓					
	AD.3.4.8_B7-B8_SavaFRMP_Mehanizmi_koordinacije-Nacela_suradnje_05-12-18_hrv.docx		↓					
3.6	AD.3.6_F_Strategija_za_nastavak_05-12-2018_hrv.docx		↓					
3.7	AD.3.7_Translation design and print of the final Sava FRMP.pptx							↓
4.	AD.4_Development of the Water Contingency Management project proposal	↓						

Documents are available at the PEG's ftp site.