



Ref. No.: 3-15-11/3-2

Zagreb, 10 September 2015

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

Zagreb, 9-10 September 2015

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

## Table of Contents

<b>I. ATTENDANCE.....</b>	<b>1</b>
<b>II. CHAIRMANSHIP.....</b>	<b>1</b>
<b>III. ADOPTED AGENDA.....</b>	<b>1</b>
<b>IV. DISCUSSION, RECOMMENDATIONS AND CONCLUSIONS.....</b>	<b>3</b>
<b>AD.1. OPENING OF THE MEETING .....</b>	<b>3</b>
1.1. Welcome and opening remarks by the PEG FP Chairman .....	3
1.2. Adoption of the Agenda.....	3
<b>AD.2. ISRBC ACTIVITIES BETWEEN THE TWO PEG FP MEETINGS .....</b>	<b>3</b>
2.1. ISRBC .....	3
2.2. Activities in the Parties to the FASRB.....	3
<b>AD.3. IMPROVEMENT OF JOINT FLOOD MANAGEMENT ACTIONS IN THE SAVA RIVER BASIN         (“WBIF PROJECT”).....</b>	<b>4</b>
3.1. Component 1 - Sava FRMP .....	4
3.2. Component 2 - Sava FFWS .....	5
<b>AD.4. USACE SUPPORT – 2<sup>ND</sup> PHASE .....</b>	<b>5</b>
4.1. Hydrologic & Hydraulic modelling .....	5
4.2. Lidar project.....	5
<b>AD.5. EXCHANGE OF INFORMATION ON RELATED REGIONAL AND NATIONAL PROJECTS.....</b>	<b>5</b>
<b>AD.6. EXTERNAL PROJECTS .....</b>	<b>6</b>
6.1. IPA FLOODS.....	6
6.2. IREACT .....	6
6.3. GRIN.....	6
<b>AD.7. SAVA GEOGRAPHIC INFORMATION SYSTEM (SAVA GIS).....</b>	<b>6</b>
<b>AD.8. SAVA HYDROLOGIC INFORMATION SYSTEM (SAVA HIS) .....</b>	<b>7</b>
<b>AD.9. PROGRAM FOR DEVELOPMENT OF THE FRMP IN THE SAVA RIVER BASIN .....</b>	<b>8</b>
<b>AD.10.2<sup>ND</sup> SAVA RIVER BASIN ANALYSIS REPORT – FLOOD RELATED ISSUES.....</b>	<b>8</b>
<b>AD.11. WORKSHOP ON FLOOD RISK MANAGEMENT MEASURES &amp; LINKS TO WFD.....</b>	<b>9</b>
<b>AD.12. ANY OTHER ISSUES.....</b>	<b>9</b>
<b>ANNEX I. LIST OF PARTICIPANTS.....</b>	<b>10</b>
<b>ANNEX II. LIST OF DOCUMENTS .....</b>	<b>11</b>
<b>ANNEX III. MAIN CONCLUSIONS, OBLIGATIONS AND DEADLINES.....</b>	<b>13</b>

## I. ATTENDANCE

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The PEG members from Slovenia, Croatia, Bosnia and Herzegovina and Serbia attended the meeting. Additional expert from Slovenia attended the meeting. The experts from IN2& IGEA Consortium also participated at the respective agenda items (SavaGIS and SavaHIS). The experts from the U.S. Army Corps of Engineers presented their work on H&H modelling by teleconference (Skype).

The list of participants is annexed to this report.

## II. CHAIRMANSHIP

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Mr. Dragan Zeljko chaired the meeting.

## III. ADOPTED AGENDA

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### 1. Opening of the meeting

1.1. *Welcome and opening remarks*

1.2. *Adoption of the Agenda*

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

2.1. *ISRBC*

- General presentation on the ISRBC activities
- Status of the activities related to flood management

2.2. *Activities in the Parties to the FASRB*

- Slovenia
- Croatia
- Bosnia and Herzegovina
- Serbia

### 3. Improvement of Joint Flood Management Action in the Sava River Basin (“WBIF project”)

3.1. *Component 1- Sava FRMP*

- Overview of the planned activities
- Discussion and conclusions related to scope of work

3.2. *Component 2 - Sava FFWS*

- Information on the project status

### 4. USACE support – 2<sup>nd</sup> phase

4.1. *Hydrologic & Hydraulic modelling*

- Current status of the activities
- Discussion and conclusions related to implementation, data needs and next steps

4.2. *Lidar project*

- Information on the project status

### 5. Exchange of information on related regional and national projects

- Presentation of the template for collecting information on important projects
- Discussion and conclusions

### 6. External projects

- IPA FLOODS

- IREACT - Improving Resilience to Emergencies through Advanced Cyber Technology)
- GRIN - GReen INfrastructures for disaster risk reduction and infrastructure protection

**7. Sava Geographic Information System (Sava GIS)**

- Overview of the Sava GIS status and functionalities
- Sava GIS Flood database model presentation
- Discussion and conclusions related to collection of national flood hazard & risk maps

**8. Sava Hydrologic Information System (Sava HIS)**

- Overview of the Sava HIS status and functionalities
- Discussion and conclusions

**9. Program for development of the FRMP in the Sava River Basin**

- Introduction
- Discussion on the current draft
- Conclusions related preparation of the final draft & next steps

**10. 2<sup>nd</sup> Sava River Basin Analysis report – flood related issues**

- Introduction
- Discussion and conclusions

**11. Workshop on Flood Risk management Measures & Links to WFD**

- Information on the workshop
- Discussion and conclusions

**12. Any other issues**

## IV. DISCUSSION, RECOMMENDATIONS AND CONCLUSIONS

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### AD.1. OPENING OF THE MEETING

#### 1.1. Welcome and opening remarks by the PEG FP Chairman

Mr. Dragan Zeljko opened the meeting, welcomed the participants and informed the participants on some logistical issues.

#### 1.2. Adoption of the Agenda

The Group adopted the proposed agenda of the 27<sup>th</sup> meeting (*Doc.Ref.No: 3-15-11/2-2*), with agenda items presented in Part III of this report.

### AD.2. ISRBC ACTIVITIES BETWEEN THE TWO PEG FP MEETINGS

#### 2.1. ISRBC

##### General presentation on the ISRBC activities

The Secretary, Mr. Komatina, informed the PEG FP on the most important activities and events since the last, 26<sup>th</sup> PEG FP meeting held in March, as well as on the upcoming meetings and events.

As the most important facts for the work of PEG FP he emphasized the following:

- Slovenia ratified the *Protocol on flood protection to the FASRB*
- The countries are urged to nominate the competent bodies and contact persons for the implementation of the Protocol
- Protocol on sediment management was signed in Brčko, on 6<sup>th</sup> July 2015

Mr. Zeljko briefed the PEG FP about the ministerial meeting and 38<sup>th</sup> Sava Commission meeting, which were held on July 6-7 in Brčko (Bosnia and Herzegovina) and gave an overview of the conclusions of the meetings related to flood management.

More information on other activities and events can be found in Mr. Komatina's presentation (*Ad.2.1\_Presentation\_ISRBC\_PEG FP 27.ppt*) and the following meeting documents: *Ad.2\_REPORT\_38th Session of the ISRBC\_FP related conclusions* and *Ad.2\_Zastita od poplava\_aktivnosti Savske komisije\_07-09-2015*

#### 2.2. Activities in the Parties to the FASRB

##### Slovenia

Mr. Luka Štravs informed PEG about the activities in the implementation of the EU Floods Directive in Slovenia and the current status of preparation of the Flood Risk Management Plan (FRMP), with the following main points:

- PFRA reported to EC (22.03.2012)
- 61 APSFRs identified (14.02.2013) and reported to EC (21.03.2013);
- Flood Hazard and Flood Risk Maps – reported to EC (20.03.2014);
- FRMP has being prepared based on 61 APSFRs grouped in 17 river basins, so it includes 17 'mini' FRMPs
- Catalogue of measures for achieving the FRM objectives consists of 20 measures, a slightly different from what was presented on the 26<sup>th</sup> PEG FP (24 measures).

Mr. Štravs informed the PEG that free & publicly accessible and downloadable information on all water related issues in Slovenia is available at *eWater portal* - <http://evode.arso.gov.si/>.

More information can be found in the presentation: *Ad.2.2\_Activities in the Parties\_Slovenia.ppt*.

## Croatia

Mr. Marijan Babić informed the PEG about the activities in the implementation of the EU Floods Directive in Croatia with main point:

- PFRA prepared and published in 2013
- Flood Hazard and Flood Risk Maps for all designated APSFR prepared and published in 2014
- FRMP has being prepared. The draft of the FRMP, which is in accordance to law an integral part of the River Basin Management Plan (RBMP), was released in April 2015 when a process of public consultation started
- FRMP should be finished by 22 December 2015
- Environmental Impact Study is also in progress with the same deadline as the FRMP.

More information can be found in presentation (*Ad.2.2\_Activities in the Parties\_Croatia.ppt*).

Details on implementing the FD in Croatia are accessible at: <http://korp.voda.hr/> .

## Bosnia and Herzegovina

Mr. David Latinović informed the PEG FP that in Republika Srpska activities on restoration of the pumping stations, after destruction in May 2014 flood event, are in progress.

He emphasized that the funds, from international financial sources for the project *Preparation of Flood Hazard Maps, Flood Risk Maps and Support to the PMU of the Flood Risk Management Project*, are approved. The FRMP development as well as the LiDAR survey for floodplain areas are planned through this project.

## Serbia

Ms. Radovanka Pavlović informed the PEG about the activities in the implementation of the EU Floods Directive in Serbia. As the main point, Ms. Pavlović stressed that preparation of the FRMP in Serbia is recently contracted with “Jaroslav Černi” Institute, with deadline set to the end of 2017. Serbia plans to follow the deadlines set by EU Flood Directive in the second planning cycle.

## AD.3. IMPROVEMENT OF JOINT FLOOD MANAGEMENT ACTIONS IN THE SAVA RIVER BASIN (“WBIF PROJECT”)

### 3.1. Component 1 - Sava FRMP

Mr. Zeljko briefly recalled the project requirements from the approved application and the related conclusions of the PEG 24<sup>th</sup> and 25<sup>th</sup> meetings.

Besides previously agreed activities/documents which might be prepared through this project component:

- Catalogue of measures relevant for the basin as a whole;
- Environmental Impact Assessment Study for the proposed measures;
- Modalities for transboundary cooperation of the Sava countries in the flood defense emergency situations;
- Organization of PP events,

the following activities are recognized by PEG FP as necessary:

- Design of the SavaGIS FRMP database structure and collection of data
- Development of a simplified methodology for flood risk mapping at the basin level

Regarding implementing arrangements the two modes are presented and discussed:

- 1<sup>st</sup> - Technical assistance in a similar way as used in preparation of the Sava RBM plan (generally one contract for drafting the plan along with production of required technical background documents)
- 2<sup>nd</sup> – Preparation of required technical documents/studies on an ad hoc basis in accordance to the needs (a number of contracts)

PEG FP was informed that the Secretariat hasn't discussed the implementing modes with the World Bank yet and therefore no concrete conclusions regarding implementation was possible.

More information can be found in presentation (*Ad.3.1\_WBIF\_Project\_Sava\_FRMP.ppt*).

### 3.2. Component 2 - Sava FFWS

Mr. Komatina informed the PEG about the project status, with reference to the activities that have been completed and plans for next steps.

He emphasized that final version of the ToR, which has been confirmed by partner institutions on 23<sup>rd</sup> of July 2015, was distributed to partner institutions, after fine tuning, and sent to the World Bank procurement office on 31<sup>st</sup> of July 2015.

There were no new information from WB on continuation of procurement procedure.

PEG FP took note on the information.

Details on this activity can be found in presentation (*Ad.3.2\_WBIF Project\_Sava FFWS.ppt*).

### AD.4. USACE SUPPORT – 2<sup>ND</sup> PHASE

#### 4.1. Hydrologic & Hydraulic modelling

Mr. Brantley Thames, the USACE expert, informed the PEG about the project progress (by Skype). He noted that large amounts of precipitation, temperature, and stream flow data are acquired during the data collection period and thanked to national experts for that effort. He also presented the first modelling results for Slovenia and the Kupa and Una basins.

The plan is to improve subbasin delineation of the COWI model, as a critical component in development of better HEC-HMS model. It will be done using HEC-GeoHMS. At the same time the USACE will continue with rough calibration in order to evaluate limitations for each subbasin model.

PEG FP took note on Mr. Thames's presentation.

Details can be seen in *Ad.4.1. H&H modelling.ppt*.

#### 4.2. Lidar project

Mr. Zeljko informed the PEG on the latest developments in preparation of the Lidar project proposal as well as on the next steps, as follows:

- Lidar project proposal was initiated in March 2015 in order to acquire a better terrain model needed for upgrade of the existing hydraulic model of the Sava River
- A new project proposal is being prepared by the Secretariat and the experts from USACE with larger spatial extent to be surveyed than previously planned (wider buffer zone behind the levees, a bigger settlements etc.)
- After approval of a new Scope of Work by the US Authorities, the proposal of the spatial extent of Lidar survey will be sent to the Sava Commission for approval and the implementation is expected soon
- After successful preparation of the Lidar-derived products an upgrade of the existing hydraulic model is planned

PEG FP took note on the presentation.

More information can be found in presentation (*Ad.4.2\_Lidar project.ppt*).

### AD.5. EXCHANGE OF INFORMATION ON RELATED REGIONAL AND NATIONAL PROJECTS

ISRBC concluded, at its 38<sup>th</sup> session, that it is necessary to ensure the regular exchange of information on the flood-related projects and activities. The Secretariat prepared a proposal of template for collecting required information. The template is based on the existing document used in Serbia for collecting of such information.

After discussion and agreement on the modifications of the proposal PEG concluded following:

- The Secretariat will, as soon as possible, prepare the new draft template and deliver it to PEG FP for review and approval

- The information on projects and activities will be collected/updated three times a year, in principle before the PEG meetings

## **AD.6. EXTERNAL PROJECTS**

### **6.1. IPA FLOODS**

#### **Programme for Prevention, Preparedness and Response to Floods in the Western Balkans and Turkey – EU IPA FLOODS**

The Secretariat informed the PEG that the only new information on this project is that the 1<sup>st</sup> Steering Group Meeting was held in Rome, on June 23 2015. Mr. Zeljko participated at the meeting on behalf of the Secretariat. He emphasized a potential benefit of the project task intended to develop a protocol for crossing the borders in emergency situations. It might be interesting in regards to fulfilling obligations required by the Protocol (mutual assistance).

PEG FP took note on the information. Details on the project are available in *Ad.6.1\_IPA FLOODS - Summary Sheet.doc*.

### **6.2. IREACT**

#### **Improving Resilience to Emergencies through Advanced Cyber Technology**

IREACT project proposal (formerly known as FLODIS II and EFFECT) has been supported by PEG at its 26<sup>th</sup> meeting.

The PEG was informed that ISRBC has issued the letter of interest acknowledging its support to the project proposal to be submitted to Horizon 2020 Disaster-resilience call in August 2015.

More details on the project can be seen in the following documents: *Ad.6.2\_IREACT -Summary Sheet .doc and Ad.6\_Bd2\_IREACT\_abstract\_v1*.

### **6.3. GRIN**

#### **GRIN Infrastructures for disaster risk reduction and infrastructure protection**

The project proposal *GRIN - GRIN Infrastructures for disaster risk reduction and infrastructure protection: evidence, policy instruments, and marketability* will be submitted in regard to the H2020 call: DRS-09-2015 Disaster Resilience & Climate Change (Topic 1: Science and innovation for adaptation to climate change: from assessing costs, risks and opportunities to demonstration of options and practices). The consortium partners are various respective EU universities, science and research institutions, international organizations, business sector representatives and others. The leading partner is Deltares, Netherlands. REC Hungary, on behalf of the project partners, asked ISRBC to support the project. ISRBC is also invited to join the project Advisory Board in case that the consortium win the call.

A letter of interest was issued by ISRBC to acknowledge that the Commission is willing and interested to support the proposal.

More details on the project can be seen in the following documents: *Ad.6.3\_GRIN-Summary Sheet.doc and Ad.6\_Bd3\_GRIN in brief*.

## **AD.7. SAVA GEOGRAPHIC INFORMATION SYSTEM (SAVA GIS)**

Mr. Mirza Sarač and Mr. Hrvoje Matijević (In2&IGEA Consortium) presented the current status of the SavaGIS, with an emphasis on development of the FRM model.

- SavaGIS database model for FRM consists of the modules for:
  - Preliminary Flood Risk Assessment
  - Areas with Potential Significant Flood Risk
  - Flood Hazard and Risk Maps
  - Flood Protection Structures

The FRM model has been designed in line with the following documents:

- Technical Support In Relation To The Implementation Of The Floods Directive (2007/60/EC)- a User Guide To The Floods Reporting Schemas v5.0;
- Flood Directive Reporting - user guide for electronic reporting v6.0;
- Support for reporting of Floods Directive – Guidance on reporting of spatial data v3.0;
- Danube river basin GIS templates v4.2;

It is also stressed that the module for FRMP is not in the scope of the project.

Mr. Sarač emphasized that the 1<sup>st</sup> test of the SavaGIS system (database, geoportal, metadata application) was conducted within June 2015 and noted that the FRM database model was not part of the 1<sup>st</sup> test.

He also noted that the process of the 2<sup>nd</sup> test cycle is currently in progress. In order to enable testing of the FRM database model (together with geoportal and metadata application functionalities) during the 2<sup>nd</sup> test, the Secretariat uploaded the available data for the APSFR feature classes and tables (delivered by the countries for the PFRA report).

The PEG was informed that the final acceptance test of the system is planned for October 2015 and that is necessary to upload all available official data for remaining modules of the FRM database model.

A detailed information on the SavaGIS has been provided in Ad.7\_Bd1\_SavaGIS PM INTR Interim Report v1.5\_final.

The following was agreed:

- The countries will upload the available data for the Flood Hazard and Risk as well as for the Flood Protection Structures modules;
- The Flood Protection Structures will be loaded with datasets for dykes, retentions, floodgates, and pumping stations as well as for major dams in the entire basin. No information on the structures which have a minor influence on water regime will be collected (bank protection, etc.);
- Above mentioned datasets will be loaded during the final integrated test;
- The members of the PEG will be enabled to test applications during the final integrated test.

#### **AD.8. SAVA HYDROLOGIC INFORMATION SYSTEM (SAVA HIS)**

Mr. Sarač gave an overview of the Sava HIS project implementing status and emphasized that the main project goal is to support the Sava countries, e.g. the beneficiaries (Slovenia, Croatia, Bosna and Herzegovina, Serbia and Montenegro) in sharing and disseminating of hydrological and meteorological data, information and knowledge about the water resources in the Sava River basin. One of the benefits of the project is to enable an effective common channel for exchanging and viewing the hydrologic and meteorological data and information in emergency situations, primarily those related to flood events.

Mr. Matijević, IN2&IGEA Consortium provided an overview of the Sava HIS expected outcomes, as follows:

- Assessment of the current hydrological and meteorological data collection and storage systems in the SRB as well as current ISRBC's IT&GIS;
- Establishment of Sava HIS geodatabase for data storing as a part of Sava GIS database;
- Establishment of web-based application for data and metadata management as a part of Sava GIS database;
- Establishment of web-based application for using and analysing hydrological and meteorological data;
- Knowledge transfer/Trainings.

The following tasks have been performed so far:

- Meetings with beneficiaries' representatives in Croatia, Slovenia, Bosnia & Herzegovina, Montenegro and Serbia

- Analysis of the data contributors/beneficiary systems of hydrological and metrological data and information management (hardware and software)
- The assessment of the existing Sava GIS infrastructure for support of the Sava HIS implementation
- Functional specification of the Sava HIS web application
- Delivered documentation: Draft inception report

Based on the data collected and analysed, Consultant gave a proposal of technical solution for Sava HIS, in a form of technical specifications using as a background EU WFD, The Water Information System for Europe (WISE), WMO Information system (WIS), INSPIRE Directive, WMO World Hydrological Cycle Observing System (WHYCOS) and the WMO Flood Forecasting Initiative, WMO Hydrological Observing System (WHOS). The main requirement for the SavaHIS database model is compliance with WaterML 2.0 data exchange format, ISO 19115 and INSPIRE.

Implementation of project continues according to updated work plan, as follows:

- Final inception report (approval on the exchange formats, completion of the conceptual data model)
- Sava HIS geodatabase establishment as part of Sava GIS database
- Sava HIS web application for data and metadata management as part of Sava GIS Geoportal
- Sava HIS web application for real time data
- Final draft report
- Final integrated user acceptance test and training
- Final report
- Sava HIS project finished – 31 October 2015

PEG FP took note on the presentation.

Next actions agreed:

- PEG FP members will fill in the information on the flood alert stages in the excel sheet provided as the background document: *Ad.8\_Bd2-Hydrological Stations List\_Comparison*. Filled sheet should be delivered to the Secretariat by 25<sup>th</sup> September, 2015.

#### **AD.9. PROGRAM FOR DEVELOPMENT OF THE FRMP IN THE SAVA RIVER BASIN**

Taking into account that the ratification of Protocol is finalized and the requirement that the Program should be adopted by the ISRBC within 6 months after entry of the Protocol into force, there is a need for making additional adjustments in the Program.

The final draft of the Program shall be prepared in line with the following:

- The Secretariat shall discuss the implementing arrangements of the WBIF project with the World Bank and incorporate their requirements into Program, if needed;
- The draft ToC of the Sava FRM Plan shall be checked by comparing it with the Danube FRM Plan;
- All formulations provided in the current draft should be adjusted to reflect the deadlines for adoption of the Program.

Next actions agreed:

- Next draft of the Program will be prepared and delivered to the PEG FP until 30<sup>th</sup> of September for the final round of commenting. PEG FP shall provide its comments by 15 October.
- Final draft of the Program shall be prepared by 31 October and thereafter delivered to the ISRBC for adoption in written procedure.

#### **AD.10.2<sup>ND</sup> SAVA RIVER BASIN ANALYSIS REPORT – FLOOD RELATED ISSUES**

Mr. Samo Grošelj gave a short presentation on the flood related issues in the 1<sup>st</sup> SRBA report, as well as in the SRBM Plan, and also what was done in the draft version of the 2<sup>nd</sup> SRBA report.

He emphasized plan to include the flood related issues in chapter of *the General characteristic of SRB* as well as in the Chapter on integration issues, what was previously agreed with the PEG RBM.

More information can be found in presentation (*Ad.10\_SRBA 2nd cycle.ppt*).

PEG FP agreed that:

- 2<sup>nd</sup> SRBA report should include main information, clarifications, conclusions related to the extreme flood events (2010, 2014), which occurred in the period between two SRBA reports, noting environmental impacts of such events.
- Secretariat shall prepare proposal of the text on integration issues and submit it to the PEG FP by September 25, 2015 for review and commenting. The PEG FP should send the comments by 12 October, 2015.

#### **AD.11.WORKSHOP ON FLOOD RISK MANAGEMENT MEASURES & LINKS TO WFD**

Mr. Mirza Sarač briefly informed the PEG FP about the workshop initiative and the organizational board that includes the UNESCO Venice, the WMO, the ICPDR, and the ISRBC. He explained that proposals for the workshop title, date of event, and sessions are emerged as the integration of individual proposals of all organizers. Thereafter, he presented documents for invitation and announcement of the workshop.

Next steps:

- PEG FP agreed that the comments and suggestions on the provisional agenda, if any, will be submitted by the end of next week (September 18, 2015).

The workshop will be held on November 11-12, 2015.

#### **AD.12.ANY OTHER ISSUES**

No other issues.

The next 28<sup>th</sup> meeting of PEG FP shall be held in mid-December, 2015 (December 16-17, 2015 tent.) in Zagreb.

## ANNEX I. LIST OF PARTICIPANTS

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<sup>1</sup> Participated by Skype presentation

## ANNEX II. LIST OF DOCUMENTS

Agenda item	Document	ENG	HRV	SLO	BIH-BOS	BIH-HRV	BIH-SRP	SRP
1.	Ad.1. PEG FP_26th meeting_Adopted_Agenda.pdf	↓						
2.1.	Ad.2.1. Presentation_ISRBC_PEG FP 26.ppt	↓	↓					
2.1.	Ad.2.1_Bd1_ministarski_sastanak__06-07-2015_zakljuci.pdf		↓					
2.1.	Ad.2_REPORT_38th Session of the ISRBC_FP related conclusions.doc	↓						
2.1.	Ad.2_Zastita od poplava_aktivnosti Savske komisije.doc		↓					
2.2.	Ad.2.2_Activities in the Parties_Croatia.ppt		↓					
2.2.	Ad.2.2_Activities in the Parties_Slovenia.ppt	↓						
3.	Ad.3_Bd1_WB11-REG-ENV-01 Sava River Basin flood management-approved.doc	↓						
3.1.	Ad.3.1_WBIF_Project_Sava_FRMP.ppt	↓						
3.1.	Ad.3.1_WBIF_Component 1- Sava FRMP-Summary Sheet.doc	↓						
3.2.	Ad.3.2_WBIF Project_Sava FFWS.ppt	↓						
3.2.	Ad.3.2_WBIF_Component 2- Sava FFWS-Summary Sheet.doc	↓						
3.2.	Ad.3.2_Bd2_Sava FFW Final TOR - sent2WBprocurement_29-07-2015.zip - WBIF_Sava Basin Flood Forecasting Warning_ToR_FINAL agreed.docx - 01-Appendix_List of the Beneficiaries.docx - 02-Appendix_Rivers of basin importance_RBM.docx - 03-Appendix_Map1.pdf - 03-Appendix_Map2.pdf	↓						
4.	AD.4. USACE support – 2nd phase_ISRBC.ppt	↓						
4.1.	Ad.4.1_H&H modelling.ppt	↓						
4.1.	Ad.4.1_USACE_H&H modelling-Summary Sheet.doc	↓						
4.2.	AD.4.2. Lidar project.ppt	↓						
4.2.	Ad.4.2_Lidar project -Summary Sheet.doc	↓						
5.	Ad.5_RS_ PROJEKTI Poplave –Uzorak.xls							↓
6.1.	Ad.6.1_IPA FLOODS -Summary Sheet.doc	↓						
6.1.	Ad.6_Bd1_Minutes_1stIPAFLSGMeeting_23062015_FINAL.pdf	↓						

6.2.	Ad.6.2_IReact -Summary Sheet .doc	↓						
6.2	Ad.6_Bd2_IReact_abstract_v1.pdf	↓						
6.3.	Ad.6.3_GRIN-Summary Sheet.doc	↓						
6.3.	Ad.6_Bd3_GRIN in brief.pdf	↓						
7.	Ad.7_SavaGIS.ppt	↓						
7.	Ad.7_Sava GIS-Summary Sheet.doc	↓						
7.	Ad.7_Bd1_SavaGIS PM INTR Interim Report v1.5_final.pdf	↓						
7.	Ad.7_Bd2_SavaGIS Flood Risk Management database.zip <ul style="list-style-type: none"> <li>- SavaGIS TD DB FDR Database Model v2.3.docx</li> <li>- GISDatasets.xlsx</li> <li>- GISDomains.xlsx</li> <li>- Sava_GIS_FDR_2_3_Domains.jpg</li> <li>- Sava_GIS_FDR_2_3_LayersTables.jpg</li> </ul>	↓						
8.	Ad.8_SavaHIS.ppt	↓						
8.	Ad.8_Sava HIS-Summary Sheet.doc	↓						
8.	Ad.8_Bd1-Template list of the relevant data.rar <ul style="list-style-type: none"> <li>- Template list of the relevant data - hydrology.docx</li> <li>- Template list of the relevant data - meteorology.docx</li> </ul>	↓						
8.	Ad.8_Bd2-Hydrological Stations List_Comparison.xlsx	↓						
9.	Ad.9_Program for development of the FRMP in the Sava River Basin -Summary Sheet.doc	↓						
9.	Ad.9_Bd1_Program_SFRMP_2015_19_03.docx	↓						
10.	Ad.10_SRBA 2nd cycle.ppt	↓						
11.	Ad.11_Workshop onFRM Measures & Links to WFD.rar <ul style="list-style-type: none"> <li>- First Announcement Flyer_draft.doc</li> <li>- Invitation Letter_draft.doc</li> <li>- List of Participants_draft.doc</li> <li>- Provisional Agenda_draft.doc</li> </ul>	↓						

## ANNEX III. MAIN CONCLUSIONS, OBLIGATIONS AND DEADLINES

Agenda Item	Description/Conclusion	Responsible	Deadline
<b>AD.5.</b>	<b>Exchange of information on related regional and national projects</b>		
	Prepare the new draft template and deliver it to PEG FP for review and approval	Secretariat	ASAP
	Collecting/updating information on projects and activities three times a year, in principle before the PEG meetings	PEG FP	three times a year
<b>AD.7.</b>	<b>Sava GIS</b>		
	The countries will upload the available data for the Flood Hazard and Risk as well as for the Flood Protection Structures modules	Ah GIS EG PEG FP	During the final integrated test (mid-October)
	The members of the PEG will be enabled to test applications during the final integrated test	Secretariat	
<b>AD.8.</b>	<b>Sava HIS</b>		
	Provide information on the flood alert stages at hydrological stations (in the excel sheet provided as the background document: <i>Ad.8_Bd2-Hydrological Stations List_Comparision</i> )	PEG FP	Sep 25, 2015
<b>AD.9.</b>	<b>Program for development of the FRMP in the Sava River Basin</b>		
	Prepare a new draft of the Program	Secretariat	Sep 30, 2015
	Final comments on the Program	PEG FP	Oct 15, 2015
	Delivering the final draft to ISRBC for adoption	Secretariat	Oct 30, 2015
<b>AD.10.</b>	<b>2nd Sava River Basin Analysis report – flood related issues</b>		
	Preparation of text for the integration issue on flood management	Secretariat	Sep 28, 2015
	Comments on the text	PEG FP	Oct 12, 2015
<b>AD.11.</b>	<b>Workshop on Flood Risk management Measures &amp; Links to WFD</b>		
	Provide comments on the provisional Agenda, if any	PEG FP	Sep 18, 2015