

Poster_A3_ISRBC



WACOM

Water Contingency Management in the Sava River Basin

*Improved transboundary coping capacity
in the case of accidental pollution and floods
on water courses in Sava River Basin.*

Overall project budget:	1.570.581,00 €
ERDF contribution:	1.040.086,35 €
IPA contribution:	294.907,50 €

WACOM – KICK OFF CONFERENCE

Overview of the WACOM project

WACOM Kick-off conference
October 16th, 2020

WACOM- Water Contingency Management in the Sava River Basin
Project co-funded by European Union funds (EDRF, IPA)

Structure:

PART A - Project summary

A.1 Project identification

Programme priority	Priority 2
Programme priority specific objective	SO 2.4 Improve preparedness for environmental risk management
DTP Project Code and Acronym	WACOM
Project title	Water Contingency Management in the Sava River Basin
eMS Project Number	315
Name of the lead partner organisation/original language	Univerza v Ljubljani
Name of the lead partner organisation/English	University of Ljubljana
Project duration	30 months 0 days
Start date	01.07.2020
End date	31.12.2022



PART B - Project partners

B.1 List of Project Partners

Role	Name	Acronym	Country
LP	University of Ljubljana	ERDF LP - UL	SI, SLOVENIJA
PP	Slovenian Water Agency	ERDF PP1 - DRSV	SI, SLOVENIJA
PP	Hydro power plants of Lower Sava River	ERDF PP2 - HESS	SI, SLOVENIJA
PP	Croatian Waters – Legal entity for water management	ERDF PP3 - HV	HR, HRVATSKA
PP	Port Authority Slavonski Brod	ERDF PP4 - LUSB	HR, HRVATSKA
PP	International Sava River Basin Commission	ERDF PP5 - ISRBC	HR, HRVATSKA
PP	Association for Risk management AZUR	IPA PP1 - AZUR	BA, BOSNIA AND HERZEGOVINA
PP	Federal administration of civil protection	IPA PP2 - FUCZ	BA, BOSNIA AND HERZEGOVINA
PP	Civil protection administration of the Republic of Srpska	IPA PP3 - RUCZ RS	BA, BOSNIA AND HERZEGOVINA
PP	Jaroslav Černi Water Institute	IPA PP4 - JCI	RS, SERBIA
AP	Croatian Meteorological and Hydrological Service		HR, HRVATSKA
AP	International Commission for the Protection of the Danube River		AT, ÖSTERREICH
AP	SAVA RIVER WATERSHED AGENCY		BA, BOSNIA AND HERZEGOVINA
AP	Republic hydrometeorological service of Republic of Srpska		BA, BOSNIA AND HERZEGOVINA
AP	Public Institution Vode Srpske		BA, BOSNIA AND HERZEGOVINA
AP	Public Water Management Company Srbijavode		RS, SERBIA
AP	Republic Hydrometeorological Service of Serbia		RS, SERBIA
AP	Ministry of Agriculture, Forestry and Water Management Republic Water Directorate		RS, SERBIA
AP	Port of Brčko		BA, BOSNIA AND HERZEGOVINA

Project main objectives:

- Improved transnational procedures for response to accidental pollution and floods
- Improved transnational cooperation among civil protection, water management and navigation agencies
- More efficient joint response in the case of accidental pollution/flood emergencies on international Sava river basin

Project main results:

- The main result of WACOM project are reduced risks induced by the accidental pollution and floods of transnational dimension
- It will be performed by strengthening the transnational and trans-sectorial cooperation among institutions, especially governmental institutions responsible for water and flood management, and the civil protection, managing the flood and accidental pollution
- Addressing especially preparedness and response stage.

Project main outputs:

- P17 Number of strategies for improved cooperation and interoperability among the emergency response authorities and stakeholders developed and/or implemented (4)
- P18 Number of tools for improved cooperation and interoperability among the emergency response authorities and stakeholders developed and/or implemented (4)
- P19 Number of pilot actions for improved cooperation and interoperability among the emergency response authorities and stakeholders developed and/or implemented (5)
- P07 No. of documented learning interactions in finalised operations (18)

Target groups:

- Local public authorities: 70
- National public authorities: 16
- Infrastructure and (public) service providers: 50
- Enterprises: 70
- International organizations: 5

C3: Project context

- Related strategies (EU Strategy for the Danube Region and other)
- Capitalization of previous projects and horizontal connectivity
- Added value of transnational approach!

WACOM

Water **Contingency Management** in the
Sava river basin



TRANSBOUNDARY

FLOODS

and

ACCIDENTAL POLLUTION

WP T1: EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE (AZUR)

- Status of the protocols, institutions, tools in the countries
- Strategy for the implementation of the protocols to the framework agreement on the Sava river basin

(detailed identification of all components relative to the transboundary integration of flood and accidental pollution on the SRB).

National workshops for the validation of the jointly developed strategy (broad validation)

- It's the basis for the T2

WP T2: DEVELOP JOINT PREPAREDNESS AND RESPONSE TOOLBOX UL – OUTPUTS

- Transnational incident coordination tool for flood/accidental pollution emergency management
 - Transnational modelling tool for flood/accidental pollution emergency management
 - Transnational situational awareness tool for flood/accidental pollution emergency management
- Building upon the SAVA GIS tool (ISRBC)

+

WP T2: DEVELOP JOINT PREPAREDNESS AND RESPONSE TOOLBOX - ACTIVITIES

- A.T2.1 WACOM Toolbox features – system design and data collection
- A.T2.2 Development of WACOM toolbox

WP T3: VERIFY JOINT PREPAREDNESS AND RESPONSE – PILOT IMPLEMENTATION

- Cluster 1 – Pilot table-top exercises simulating the incident and the response of transboundary accidental pollution
- Cluster 2 – Pilot table-top exercises simulating the incident and the response of transboundary flood event
- Stakeholder communication workshops with pilot actions analysis

WP T4: STRATEGY FOR THE IMPLEMENTATION OF COORDINATED PREPAREDNESS AND RESPONSE

- T4.1 Sava STEER (Strategies for emergency response in the SRB) – two (accidental pollution, floods)
- T4.2 Sava STEER Implementation manual (one) –
- T4.3 Third national workshops on improved Transboundary cooperation and interoperability in the field of water emergencies (5)

WP T4: STRATEGY FOR THE IMPLEMENTATION OF COORDINATED PREPAREDNESS AND RESPONSE

- A.T4.1 Development of the strategies for the implementation of improved transboundary coordination and interoperability of emergency response in the case of floods and accidental pollution on the Sava River Basin (8/2022 - 6/2022)
- A.T4.2 Development of Sava STEER implementation manual

Summary:

Understanding the WACOM project (1)

Summary:

Understanding the WACOM project (1)

- Building upon the International Sava River Basin Commission activities and protocols

Summary:

Understanding the WACOM project (1)

- Building upon the International Sava River Basin Commission activities and protocols
- Taking into consideration international protocols – on transboundary pollution, ICPDR - International Commission for the Protection of the Danube River
- Building upon the rationale of EU Civil protection mechanism
- Addressing the disaster management cycle (preparedness, response!) of accidental pollution and floods

Summary:

Understanding the WACOM project (2)

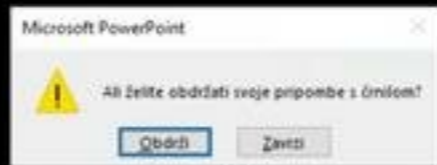
- Coping with the disaster (i.e. accidental pollution) at its source improves the efficiency with **joint response**
- Knowing the response mechanisms **upstream** improves efficiency and effectiveness of the response mechanisms **downstream**
- **Connecting countries and sectors:** disaster management, water management and navigation
- Involvement of **target groups** is an important outreach in common effort aiming at improved protection of water resources (accidental pollution) and flood prone zones

Thank you for your attention



Thank you for your attention

- Please write questions to the chat line of the meeting



Presentation of the WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE

WACOM Kick off conference

Date: October 16, 2020

Teleconference

WACOM- Water Contingency Management in the Sava River Basin

Project co-funded by European Union funds (EDRF, IPA)

WP T1

EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE

Responsible partner Association for Risk management AZUR

Duration:

Start date: 07.2020

End date: 04.2021

Partners involved

University of Ljubljana

Slovenian Water Agency

Hydro power plants of Lower Sava River

Croatian Waters – Legal entity for water management

Port Authority Slavonski Brod

International Sava River Basin Commission

Association for Risk management AZUR

Federal administration of civil protection

Civil protection administration of the Republic of Srpska

Jaroslav Černi Water Institute

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE Informations

In T1 existing protocols will be analysed and pathway to operational status defined. General clauses defined, have to be made specific by the authorities in charge for their implementation in following steps:

- 1) Mapping of the institutions and procedures relative to coordinated planning and response.** Institutions on different levels (strategic, tactical, and operational) in all four countries will be mapped, with the existing procedures in force regarding the response in the case of emergencies. This will be led by T1 leader (AZUR) integrating knowledge and experience of all other PPs
- 2) A specific mapping and strategy for the navigation and related contingencies will be developed** by PP ISRBC, LUSB and IJC. A specific strategy is necessary as the floods/accidental pollution management related to navigation are defined by international navigation standards.

Mapping process



The mapping process involves fields of civil protection; water management; and river navigation **with focus on accidental pollution and floods**

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE Informations

- 3) **Harmonization of the contingency structures and procedures.** Based upon the mapping, a joint strategic guidance document defining the common framework for preparedness and response mechanisms on the Sava River Basin will be developed by WP leader supported by inputs from all PPs.
- 4) **Data collection and analyses data/information collection** process will follow guided by UL as T2 leader. All partners will provide information for their territory and context (civil protection, water management, navigation).

Validation of the developed contents will be performed on state level workshops (organized by DRSV, HV, FUCZ, RUCZ RS, IJC) addressing all stakeholders with important feedback analysis.

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE

T 1.1. Strategy for the implementation of the protocols to the framework agreement on the Sava river basin

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE WP Structure T 1.1.

Project main outputs	Describe your project main output	Programme output indicator
<p>T 1.1. Strategy for the implementation of the protocols to the framework agreement on the Sava river basin</p>	<p>Based upon the analysis of national response practices in the case of flood/accidental pollution emergencies two strategies will be prepared delineating the procedures regarding the actual implementation of existing protocols. The strategies will encompass the existing practices and procedures (i.e. EU Civil Protection Mechanism) and upgrade them with clear definition of the role of national institutions in the event of transboundary accidental pollution and floods. Two strategies will be developed (1) on response of civil protection authorities and units and water management administrations and units, and (2) one with specific focus on the response of institutions and stakeholders related to river navigation response. The strategies will provide a mutually agreed outline for the development of toolbox and its later verification.</p>	<p>P17 Number of strategies for improved cooperation and interoperability among the emergency response authorities and stakeholders developed and/or implemented</p>

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE A.T 1.1.....

Activity Number: A.T1.1 - Activity Title: Strategy for the implementation of the protocols to the framework agreement on the Sava river basin

Activity A.T1.1

Deliverable D.T1.1.1 - Guidance document for the status identification process

Deliverable Description (Deliverable D.T1.1.1)

Prior to the mapping process itself the guidance document will be developed by all partners defining the process, and providing a harmonized approach for all countries. It will be focus to structure of the contents and descriptive process to main lines as anticipated by the two strategy documents.

.....About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE A.T 1.1

Deliverable D.T1.1.2 - Report on the mapping of the institutions and procedures relative to the coordinated planning and response process

Deliverable Description (Deliverable D.T1.1.2)

The deliverable will list all institutions and procedures that are relevant for preparedness/response/mitigation stages in the case of accidental pollution and floods. Institutions on different levels in all four countries will be mapped, with the existing procedures in force regarding the response in the case of emergencies. Deliverable of this work assignment will be a report which will list all stakeholders, their responsibilities, list all procedures and analyze their interactions including data and information exchange.

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE

**T 1.2. State level workshop for the
validation of the jointly developed strategy**

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE WP Structure T 1.2.

Project main outputs	Describe your project main output	Programme output indicator
<p>T 1.2. State level workshop for the validation of the jointly developed strategy</p>	<p>After the joint transnational development of strategies defining the practical implementation of protocols, related toolbox, communication processes and specific role of stakeholders in transnational contingency management, these strategies will be presented to the a broad community of different stakeholders on national level for validation on workshops. Presenting the anticipated operational procedures in interactive process the stakeholders will be also a part of overall protocol implementation strategy. By their early involvement, their remarks will be considered and inserted in the protocol implementation strategy. 5 are planned in 4 countries because one for each cantonal unit in Bosnia Herzegovina is necessary (FBiH and RS).</p>	<p>P07 No. of documented learning interactions in finalised operations</p>

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE A.T 1.2

Activity Number: A.T1.2 - Activity Title: State level workshop for the validation of the jointly developed strategy on accidental pollution/flood response

Activity A.T1.2

Deliverable D.T1.2.1 - Report - methodology for the state level workshop development

Deliverable Description (Deliverable D.T1.2.1)

In order to define common framework for the communication with the target public a methodology for the workshop development will be prepared by the AZUR, supported by UL (related T2 contents) and ISRBC (harmonized with communications tasks). Contents of the workshops will be defined, and especially structured feedback which will be gathered from the partners representing their view on different components of the developed strategies.

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE

T 1.3. Regional workshop for the validation of the developed strategy relative to river navigation flood/accidental pollution emergency

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE WP Structure T 1.3.

Project main outputs	Describe your project main output	Programme output indicator
<p>T 1.3. Regional workshop for the validation of the developed strategy relative to river navigation flood/accidental pollution emergency</p>	<p>Three specific workshops will be held in order to involve the target river navigation community involved in the emergencies related to floods and accidental pollution. Their involvement in the development of strategy for the implementation of protocols will contribute to overall quality of the project and project outcomes. Open discussion on their roles and role of different institutions in the case of floods and accidental pollution with transboundary effect will also provide easier implementation of the FAP toolbox in later stages of the project.</p>	<p>P07 No. of documented learning interactions in finalised operations</p>

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE A.T 1.3

Activity Number: A.T1.3 - Activity Title: Regional workshop for the validation of the developed strategy relative to river navigation flood/accidental pollution emergency

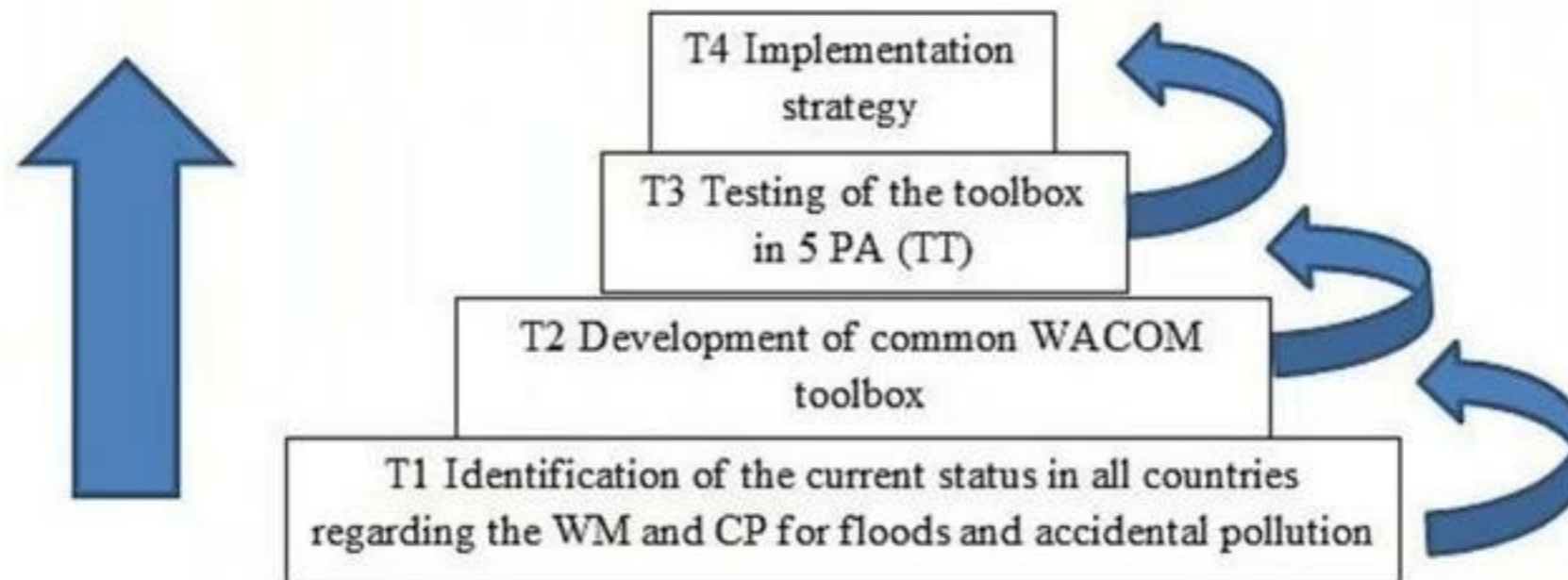
Activity A.T1.3

Deliverable D.T1.3.1 - Report - methodology for the regional workshop development on navigation emergencies

Deliverable Description (Deliverable D.T1.3.1)

In order to define common framework for the communication with the target public a methodology for the workshop development will be prepared by the AZUR, supported by UL (related T2 contents) and ISRBC (harmonized with communications tasks). Contents of the workshops will be defined, and especially structured feedback which will be gathered from the partners representing their view on different components of the developed strategies

Overall project processes



It is important to emphasize that all WPs are sequential and build on each other results

About WP T 1. EXPLORE AND DEFINE JOINT PREPAREDNESS AND RESPONSE

The main outputs users:

- Local public authority
- State level public authority
- Infrastructure and (public) service provider
- Enterprise, excluding SME
- International organisation

List of priorities:

No.	Output	Deliverable
1.	Guidance document for the status identification process	1
2.	Report on the mapping of the institutions and procedures relative to the coordinated planning and response	4
3.	Report - methodology for the national workshop development	1
4.	State level workshop	5
5.	Report - methodology for the regional workshop development on navigation emergencies	3
6.	Regional workshop	3
7.	Strategy for the implementation of the protocols to the framework agreement on the Sava river	2

Thank you very much for your attention

I look forward to your questions in Chat

Datoteka | Dnovo | Vstavi | Načrt | Prehodi | Animacije | Diaprojekcija | Pregled | Ogled | Povežite, kaj želite narediti ...

Prilepi | Izbriši | Kopiraj | Postavitev | Ponastavi | Odsek | Diapozitiv | Pisava | Oddstavek | Riba | Najdi | Zamenjaj | Izbriši

WACOM – KICK-OFF MEETING
PRESENTATION of WP T2 - TOOLBOX DEVELOPMENT
 WP leader - University of Ljubljana



- WP T2: DEVELOP JOINT PREPAREDNESS AND RESPONSE TOOLBOX GL – OUTPUTS**
- Transnational incident coordination tool for transborder public emergency management
 - Transnational modelling tool for transborder public emergency management
 - Transnational situational awareness tool for transborder public emergency management
- All delivered by August 2021 (date subject to change)
 – Building upon the SAVA 420 tool (2016)
 – Building upon the WP1 deliverables and outputs



Multi-institutional integration

Grid Protection

WACOM – KICK-OFF MEETING

PRESENTATION of WP T2 - TOOLBOX DEVELOPMENT

WP leader – University of Ljubljana

WACOM Kick off meeting with target groups
 October 16th, 2020

WACOM- Water Contingency Management in the Sava River Basin
 Project co-funded by European Union funds (EDRF, IPA)

• Kliknite, če želite dodati opombe

WACOM – KICK-OFF MEETING

PRESENTATION of WP T2 - TOOLBOX DEVELOPMENT

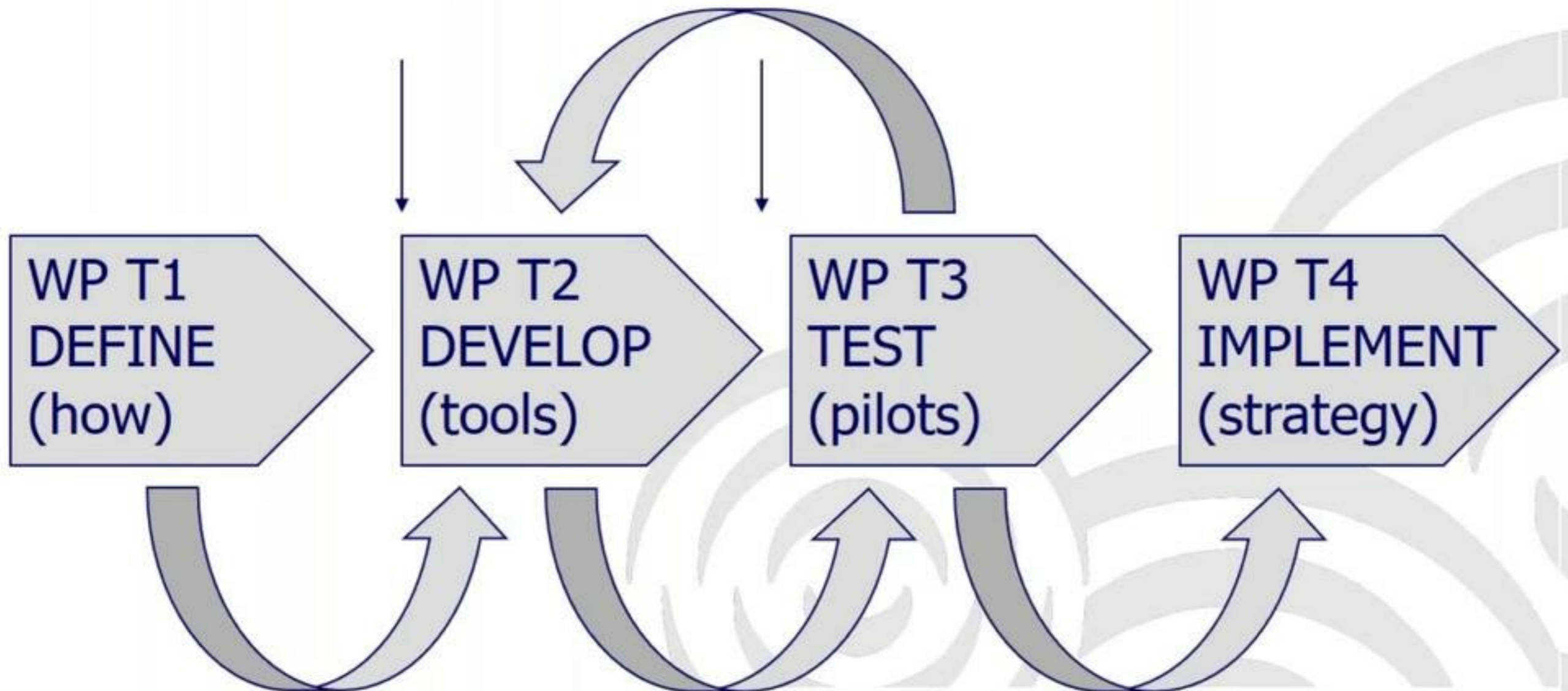
WP leader – University of Ljubljana

WACOM Kick off meeting with target groups
October 16th, 2020

Positioning of WPT2:

Start:
11/2020

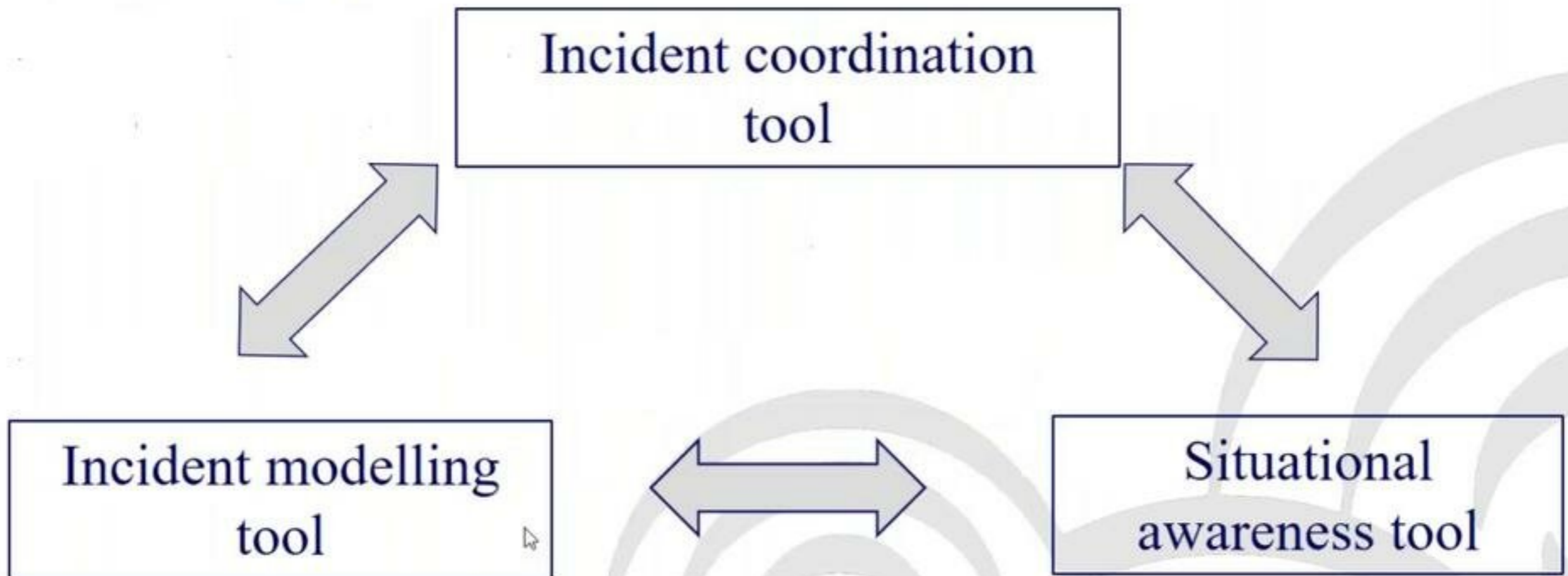
End:
8/2022



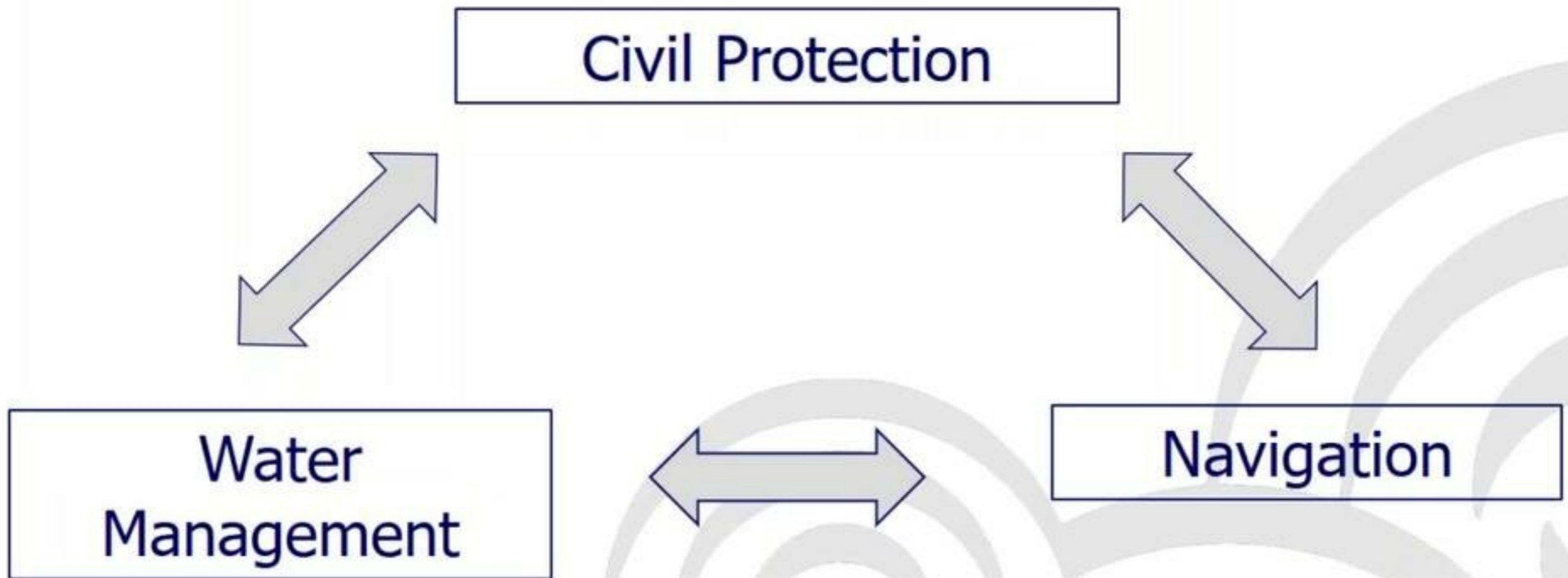
WP T2: DEVELOP JOINT PREPAREDNESS AND RESPONSE TOOLBOX UL – OUTPUTS

- Transnational **incident coordination tool** for flood/accidental pollution emergency management
- Transnational **modelling tool** for flood/accidental pollution emergency management
- Transnational **situational awareness tool** for flood/accidental pollution emergency management
 - All delivered by August 2022 (beta versions earlier)
 - Building upon the SAVA GIS tool (ISRBC)
 - Building upon the WPT1 deliverables and outputs

Toolbox components (modules) - integration



Multi-institutional integration

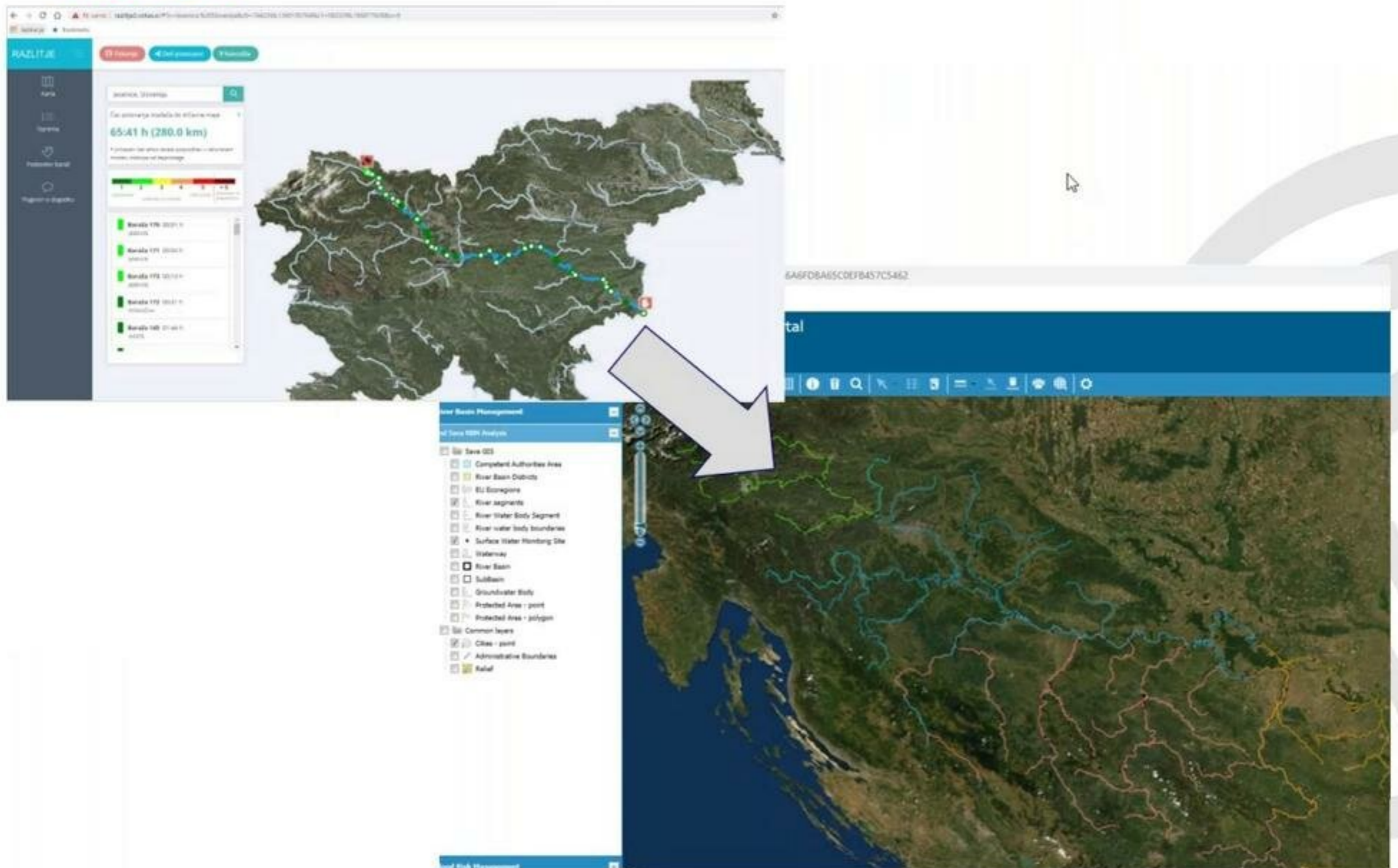


Oil spill pollutuin propagation modelling

- Online discharge data from measurement stations on the Sava river basin
- HEC-RAS hydraulic model – river geometry data



Integration: accidental pollution modell



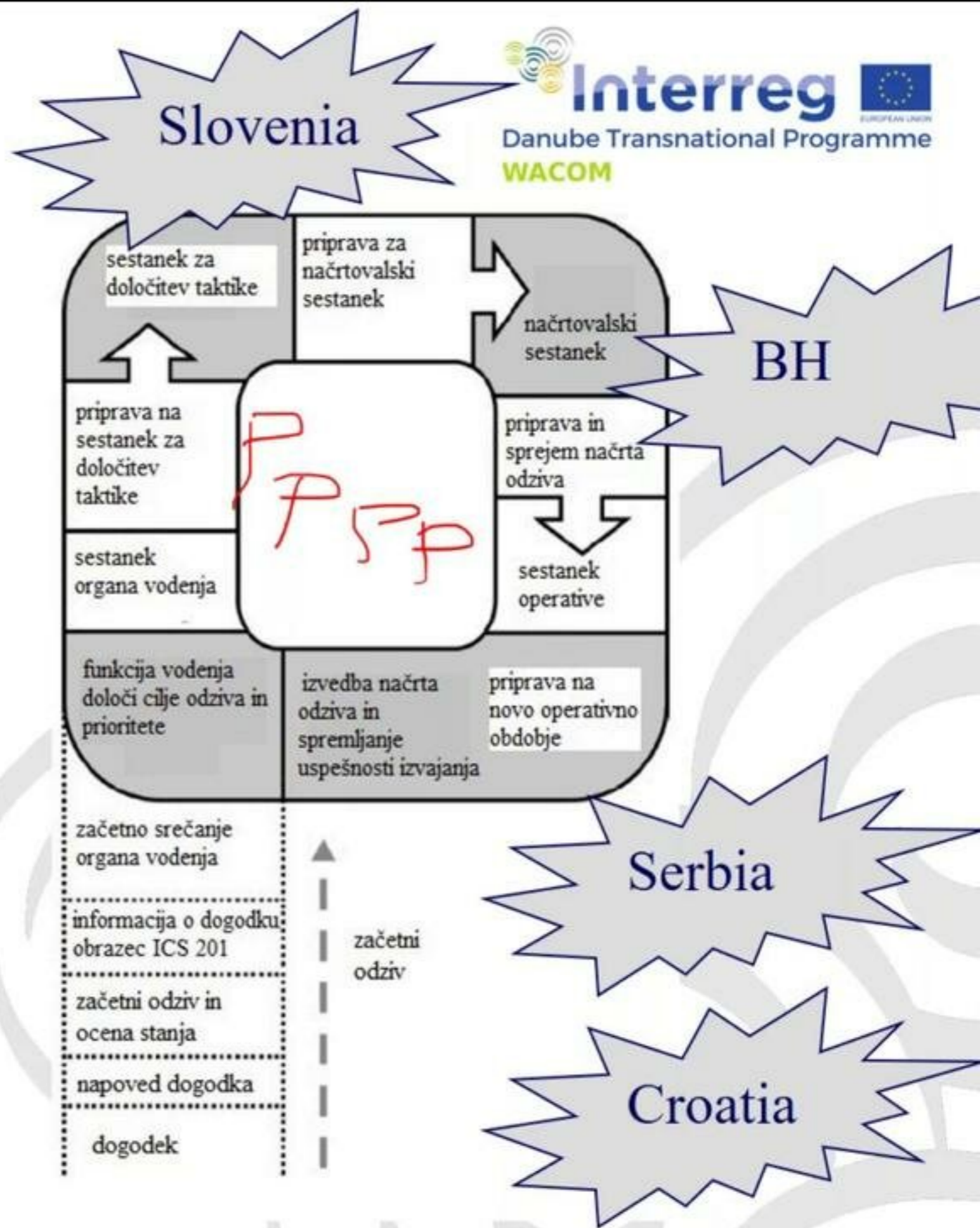
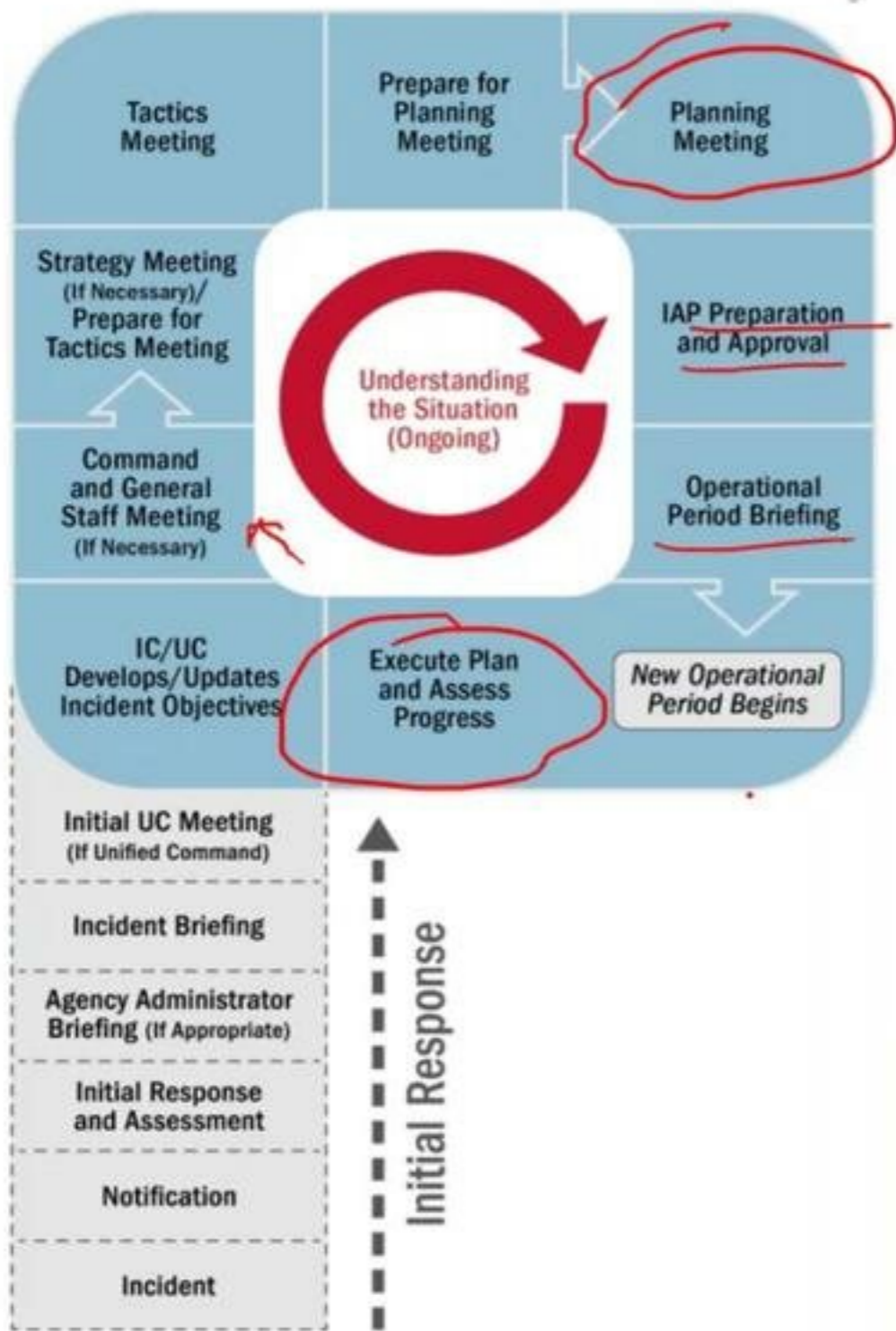
Positioning of the tool in the disaster management cycle



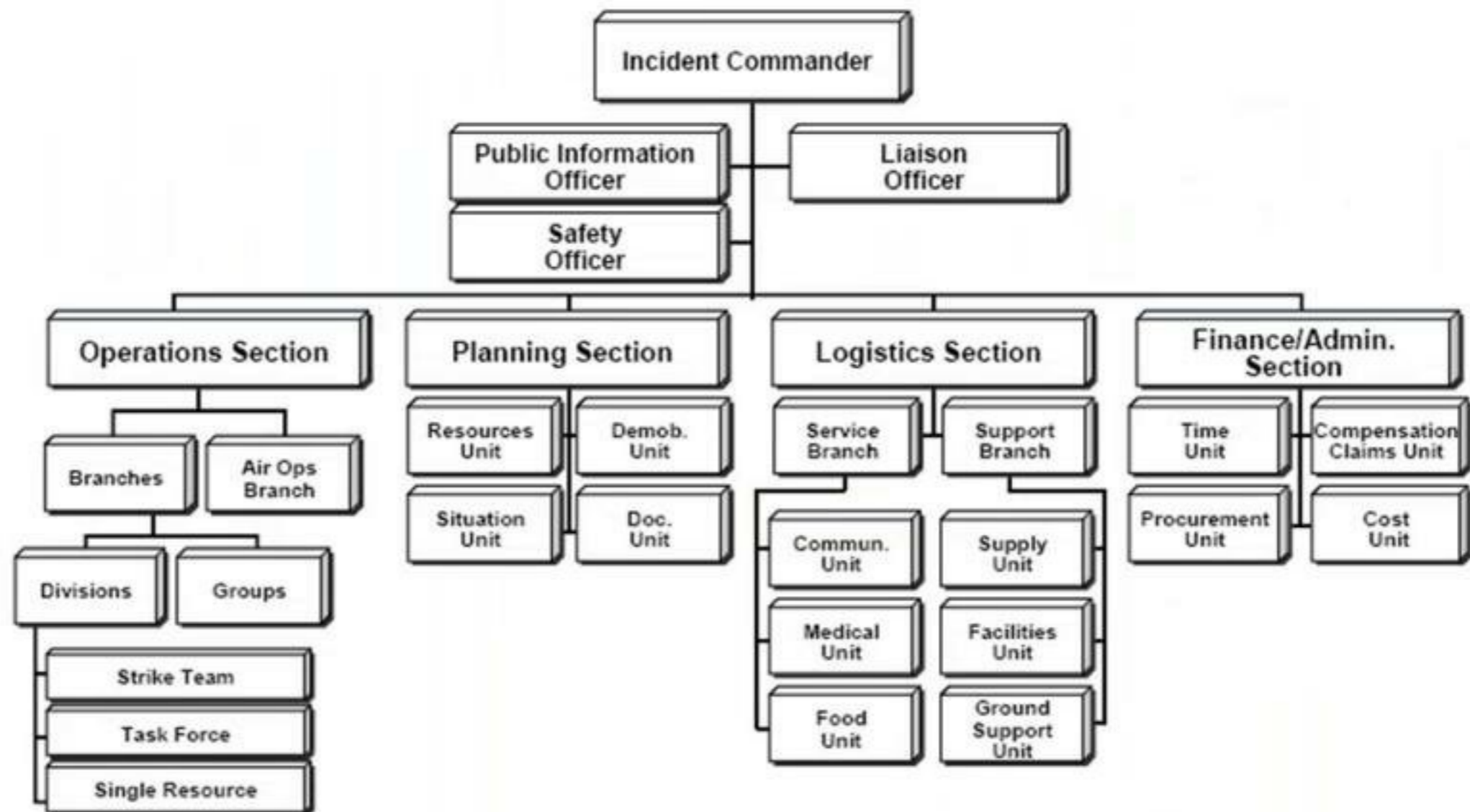
WP T2: DEVELOP JOINT PREPAREDNESS AND RESPONSE TOOLBOX - ACTIVITIES

- A.T2.1 WACOM Toolbox features – system design and data collection (11/2021)
- A.T2.2 Development of WACOM toolbox (8/2022)

Planning „P“ -



ICS/NIMS – integration and harmonization – backbone for the incident coordination tool



ICS – integration and harmonization

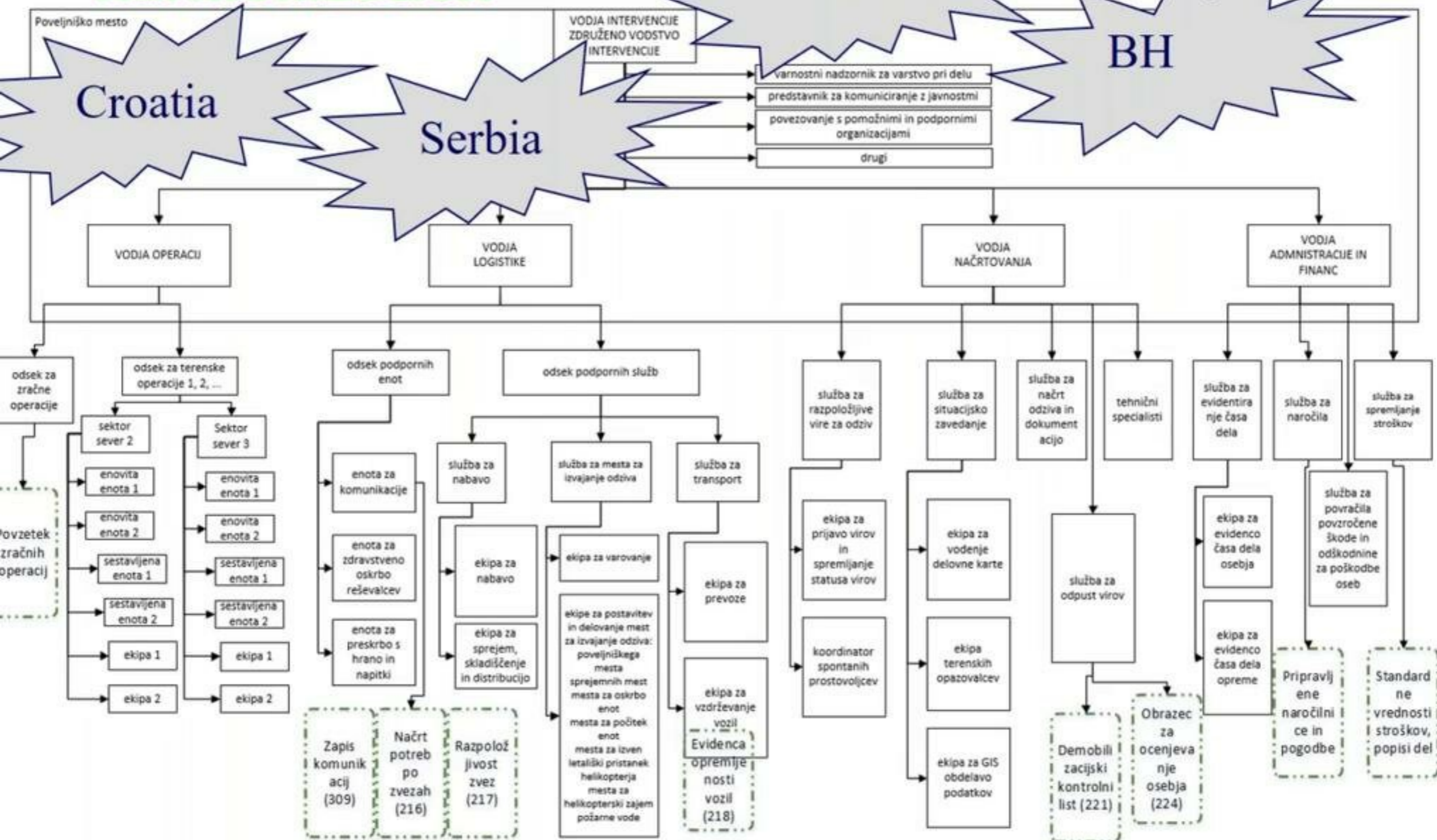
Croatia

Serbia

Slovenia

BH

ICS – integration and harmonization



TOOLBOX and the Incident Command System/NIMS

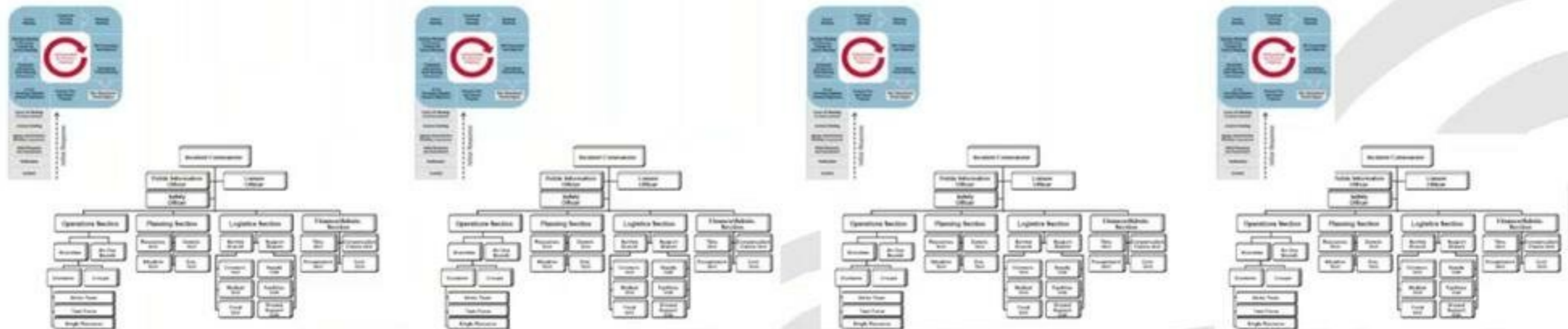
- Common definitions (terminology, vocabulary of terms)
- Aiming at compatibility with the ICS/NIMS system – therefore aiming at the compatibility among 4 national Incident Management Systems, and complexity of their structures
- Feedback information – education of the structures relative to the shared roles in the ICS
- Addressing only target components of the ICS (not all)
- Training
- and more...

Users of the WACOM tool

- Project partners (part of the table top exercises)
- Associated partners
- Target groups
 - Local public authorities
 - National public authorities
 - Infrastructure service providers
 - Enterprises (i.e. SEVESO directive)
 - International organizations

Way forward – from WPT1 – defining the integration concept to WP2

Next step – thorough definition of the modules and integration concepts



Common understanding of structures and procedures in all 4 countries – supported by the toolbox

INTEGRATED TOOLBOX

ICS, "F"



Incident coordination tool



Incident modelling tool

Situational awareness tool

WACOM – WP2

Thank you – discussion - please write questions on the gotomeeting chat.



WP T3 – Verify joint preparedness and response

Kick-off Event
16.10.2020

Ambrož Božiček

Hydro powerplants on lower Sava River, HESS, Slovenia

WP T3 overview

- **Title:** Verify joint preparedness and response - pilot implementation
- **Objectives:**
 - To **perform pilot action** implementation of the table-top exercises
 - To **evaluate** the concepts (strategies, protocols) and the tools developed in T1 and T2
 - To **improve** the concepts and the tools, identifying gaps
 - To **establish** the concepts and procedures that will become part of the permanent training courses for the incident commanders, response units and command staff
 - **Improvement in cooperation and interoperability** of all stakeholders (different sectors, management levels) in the transnational accidents/floods

Positioning

2/2021

7/2022

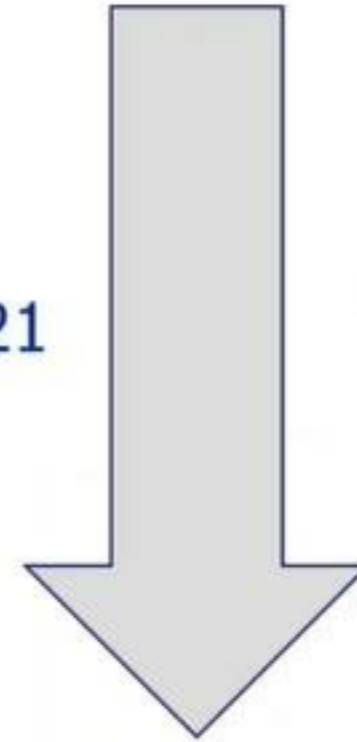


Table-top TT exercise - pilot actions

Not training of operative response
but training of headquarters
(communication and coordination skills)

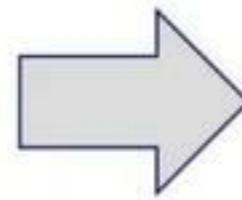


Table top exercises – more
challenging than actual
on-field practical exercises!

- TABLE-TOP EXERCISE:



- Table-top exercises represent the main proofing action to confirm adequacy of the toolbox, concept with protocols

Table-top TT exercise - pilot actions

Conception of TT

Implementation of TT

Evaluation

Table-top TT exercise - pilot actions

Conception of TT

Implementation of TT

Evaluation

- Scenarios
 - Realistic transboundary scenarios
 - Accidental pollutions, floodings
- Preparation of simulations
 - Gaming tool, WACOM toolbox tool
 - Performance indicators
 - Evaluation procedures
 - What-if elaborations (sub-scenarios)
- Training of the simulation team
- Tabletop guidance documents



Table-top TT exercise - pilot actions

Conception of TT

Implementation of TT

Evaluation

- Implementation of TT with distributed play roles
- Involvement of different participants (stakeholders)
- Use of WACOM toolbox for:
 - Dynamic scenarios development
 - Mutual communication
 - Simulation of situational awareness
- Use of specific simulation rooms
(or other alternative dislocated rooms)

Table-top TT exercise - pilot actions

Conception of TT

Implementation of TT

Evaluation

- Assessment of:
 - preparation stage
 - performance of participants
 - interoperability of stakeholders
 - functionality of toolbox
 - gap recognizing
- Feedback of stakeholders:
 - Recommendations, evaluation

WP T3 – outputs

- 3 pilot actions (TT) - accidental pollution
 - Slovenia-Croatia,
 - BH-Croatia (Zenica),
 - BH-Croatia-Srbija (Slavonski Brod)
- 2 pilot actions (TT)- transboundary flood event
 - Sava-Una-Vrbas;
 - Sava-Bosna-Drina-Kolubara
- 5 national workshops : Stakeholder communication workshops with pilot actions analysis

WP T3 – deliverables

- Documents describing **TT conception, implementation** and **evaluation stage**
 - Concept of implementation of pilot actions, Descriptive documentation of pilot actions, maps
 - Methodology
 - TT guidance
 - Guidance, report on data collection
 - Analysis of Performed TT

Thank you!

Please leave the comments and questions in the chat box.



Windows taskbar with search bar (Type here to search), task view, taskbar icons (Edge, File Explorer, Outlook, Acrobat, Teams), system tray (network, volume, ENG), and clock (10:04, 16-Oct-20).




WPT4: STRATEGY FOR THE IMPLEMENTATION OF COORDINATED PREPAREDNESS AND RESPONSE

WACOM PROJECT 2nd Technical Meeting
Date: October 15th 2020, Venue: Teleconference

Dušan Kostić, Dragana Spasić, David Mitrinović
Jaroslav Černi Water Institute (JCWI), Belgrade

WACOM- Water Contingency Management in the Sava River Basin
Project co-funded by European Union funds (ERDF, IPA)

Welcome back!
Pick up where you left off:

Slide 9
16-Oct-20 - 10:00

WPT4 Facts and Figures

- Duration: August 2021 – December 2022
- Total WP budget: 251.128,00 EUR
- Responsible partner: Jaroslav Černi Water Institute
- Participating partners:
 - University of Ljubljana
 - Slovenian Water Agency
 - Hydro power plants of Lower Sava River
 - Croatian Waters – Legal entity for water management
 - Port Authority Slavonski Brod
 - International Sava River Basin Commission (ISRBC)
 - Association for Risk management AZUR
 - Federal administration of civil protection
 - Civil protection administration of the Republic of Srpska

WPT4: STRATEGY FOR THE IMPLEMENTATION OF COORDINATED PREPAREDNESS AND RESPONSE

WACOM PROJECT 2nd Technical Meeting
Date: October 15th 2020, Venue: Teleconference

Dušan Kostić, Dragana Spasić, David Mitrinović
Jaroslav Černi Water Institute (JCWI), Belgrade

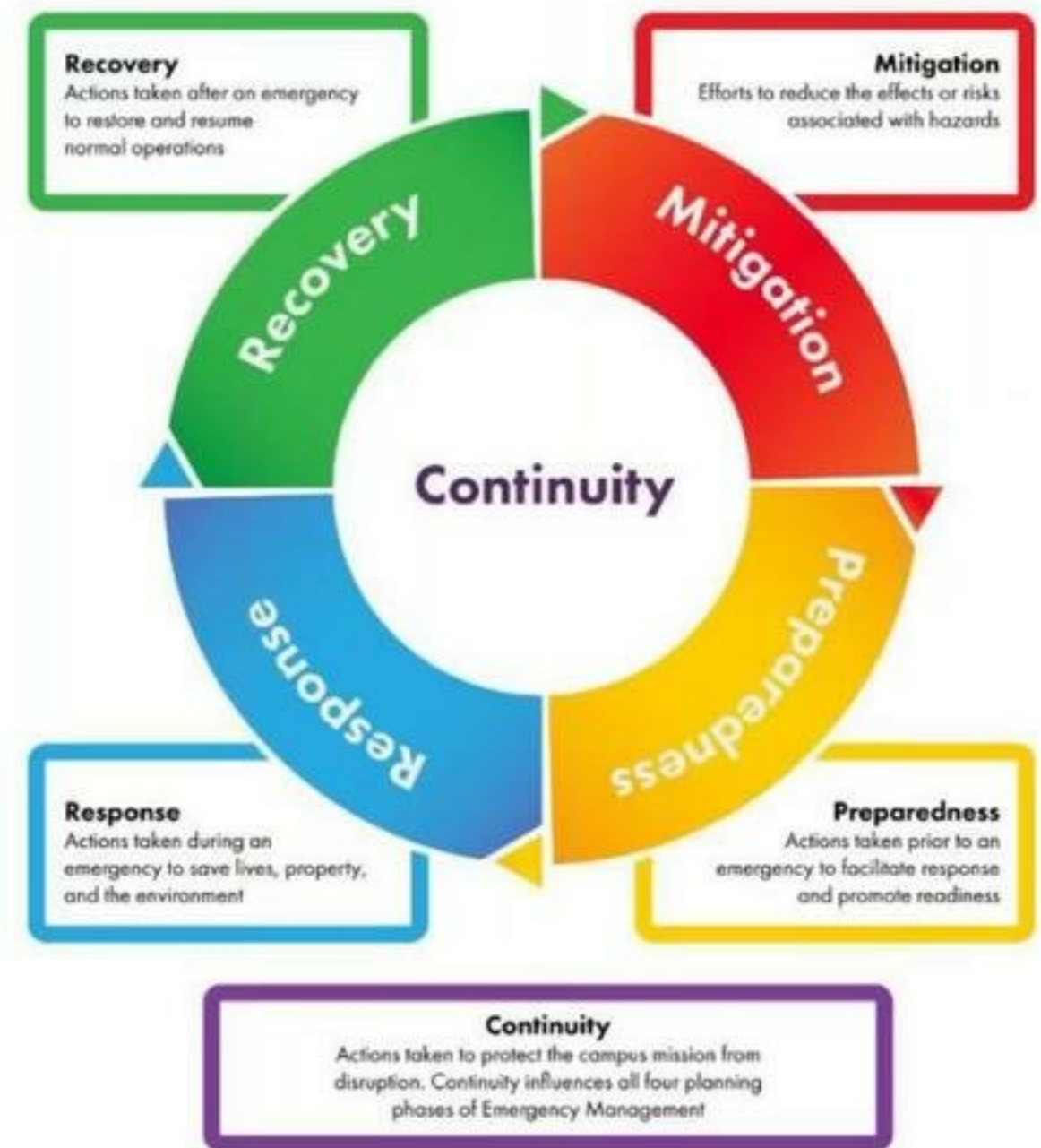
WPT4 – Natural and Man-made disasters

- Special focus will be set on TMF failures as they threaten environment via both flooding and accidental pollution



WPT4 – Integrated Risk Management

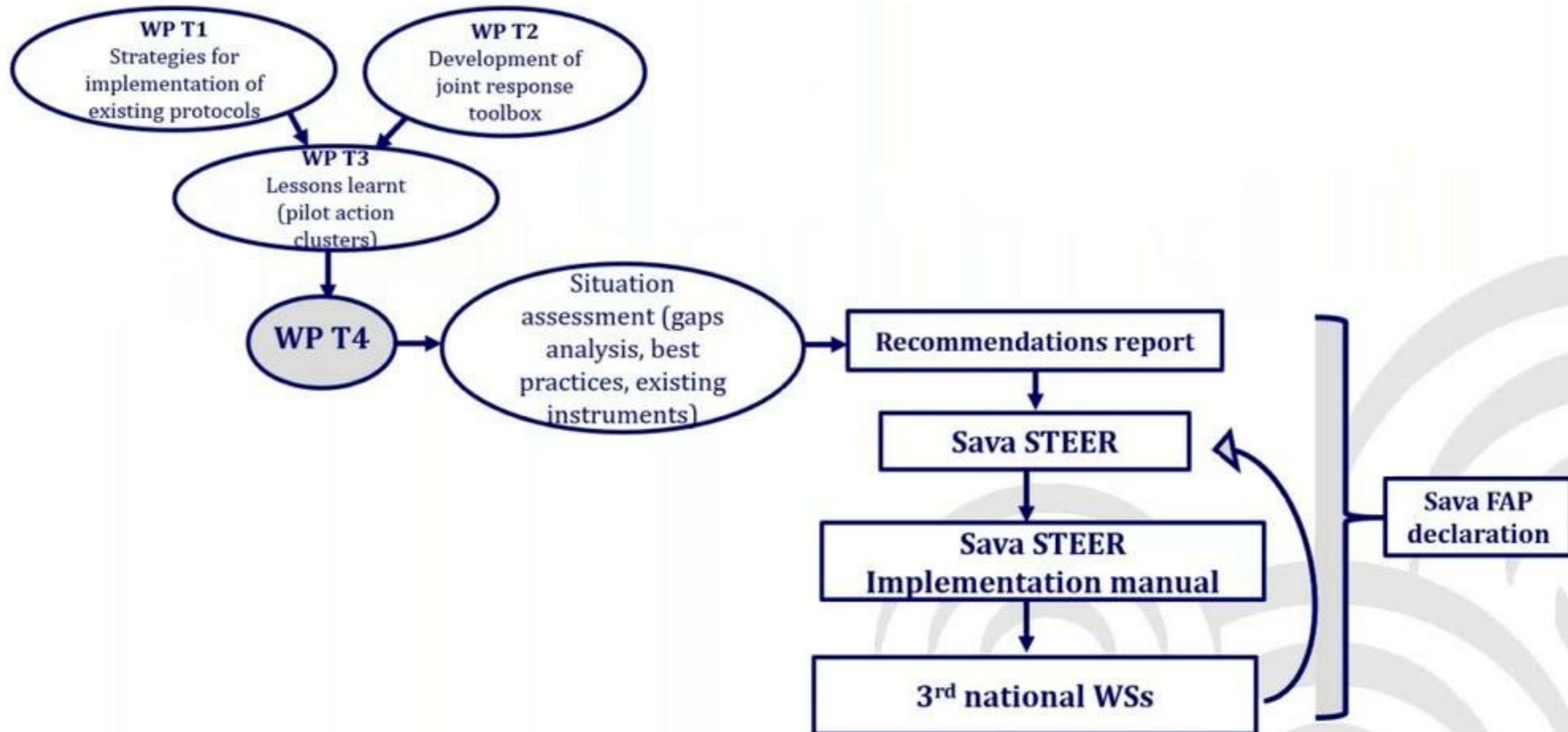
- Rather circular than linear!
 - Preparedness
 - Response
 - Recovery
 - Mitigation
- Continuity in Research and Development, Information and Communication



WPT4 – Integrated Risk Management > Priorities

- **Priority 1:** Understanding disaster risk
- Priority 2:** Strengthening disaster risk governance to manage disaster risk
- Priority 3:** Investing in disaster risk reduction for resilience
- Priority 4:** Enhancing disaster preparedness for effective response, and to «Build Back Better» in recovery, rehabilitation and reconstruction

WPT4 Overview



WP T4 Outputs

Output	Name	Target value	Delivery date	Responsibility
T4.1	Sava STEER	2	11/2022	JCI prepares draft reports; PPs comment and adopt the reports
T4.2	Sava STEER Implementation manual	1	12/2022	JCI prepares draft report; PPs comment and adopt it
T4.3	3 rd national WS	5	11/2022	JCI prepares main WS documents, PPs organize WS (1 per each country/entity)

Activity T4.1 – Development of the strategies

Deliverable	Name	Target value	Delivery date	Responsibility
D.T4.1.1	Situation assessment report	5	04/2022	JCI prepares the Questionnaire; PPs and APSs fill it in, 1 summary report per country/entity
D.T4.1.2	Report on existing policy and financial instruments	5	04/2022	JCI prepares template report; PPs prepare the report (1 per each country/entity)
D.T4.1.3	Transnational best management practices catalogue	1	06/2022	JCI prepares draft report; PPs comment and adopt it
D.T4.1.4	Recommendations report	1	06/2022	JCI prepares draft report; PPs comment and adopt it

Activity T4.2 - Development of Sava STEER implementation manual

Deliverable	Name	Target value	Delivery date	Responsibility
D.T4.2.1	Transnational check list of priorities for the implementation of the Sava STEER	1	09/2022	JCI prepares draft report; PPs comment and adopt it
D.T4.2.2	Implementation lineout for the 3rd series of WS	1	09/2022	JCI establishes framework for the organization of 3rs national WS
D.T4.2.3	Sava FAP declaration	1	11/2022	JCI prepares draft declaration; PPs comment and sign it during the final conference

THANK YOU FOR YOUR ATTENTION!

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Please post your questions on
gotomeeting chat!



DISASTER RELIEF

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DISASTER RELIEF



Kick-off conference

October 16th, 2020

from 9:00 until 12:30 - on line,

Interreg Danube project

***WACOM - Water Contingency Management in the Sava River
Rasin***



Kick-off conference

October 16th, 2020

from 9:00 until 12:30 - on line,

Interreg Danube project

WACOM - Water Contingency Management in the Sava River Basin.

Questions for panelists:

Ad: International cooperation

1. Please explain your view on the international cooperation in the case of accident pollution and/or floods in Sava river basin and in general.
2. Please describe the key benefits of such cooperation and potential challenges.

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Ad: Cross-sectoral cooperation

1. Please explain your view on cross-sectoral cooperation between civil protection, water management, and navigation in the case of accident pollution and/or floods on the country level.
2. Please describe the key benefits of such cooperation and potential challenges.



Interreg



EUROPEAN UNION

Danube Transnational Programme

WACOM



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Danube Transnational Programme

WACOM

Ad: Cross-sectoral cooperation

1. Please explain your view on cross-sectoral cooperation between civil protection, water management, and navigation in the case of accident pollution and/or floods on the country level.
2. Please describe the key benefits of such cooperation and potential challenges.



Ad: Potential impact of the WACOM project

1. How do you see the position and expected results of the WACOM project relative to the improvement of the cooperation on cross-sectoral and international level?
2. What would it be your main message to the WACOM project partners with a focus on the main outputs of the WACOM project?



Ad: Potential impact of the WACOM project

1. How do you see the position and expected results of the WACOM project relative to the improvement of the cooperation on cross-sectoral and international level?
2. What would it be your main message to the WACOM project partners with a focus on the main outputs of the WACOM project?