

## **Comprehensive Risk Assessment of Basic Services and Transport Infrastructure**

101004830 - CRISIS - UCPM-2020-PP-AG

<b>Project Management</b>
Second progress report

Work package: WP-1  
Deliverable Number: D1.6

Lead Beneficiary: IZIIS

Dissemination Level: Public  
Version: 01

Submission Date: May 12 2022



# **Comprehensive Risk Assessment of Basic Services and Transport Infrastructure (CRISIS)**

101004830 - CRISIS - UCPM-2020-PP-AG



## **Project Management**

Second progress report

WP-1 | D 1.6

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May 12, 2022

## TABLE OF CONTENT

<b>COVER PAGE .....</b>	<b>1</b>
<b>TABLE OF CONTENT .....</b>	<b>2</b>
<b>LIST OF FIGURES .....</b>	<b>2</b>
<b>LIST OF TABLES .....</b>	<b>2</b>
<b>1. Second progress report .....</b>	<b>3</b>
<b>1.1 Overview.....</b>	<b>3</b>
<b>1.2 Deliverables – foreseen schedule.....</b>	<b>3</b>
<b>1.3 Deliverables – progress status .....</b>	<b>3</b>
<b>1.4 Milestones – foreseen schedule .....</b>	<b>7</b>
<b>1.5 Milestones – progress status .....</b>	<b>9</b>
<b>References.....</b>	<b>9</b>
<b>APPENDIX-A: Agenda of the milestone meeting MS5 .....</b>	<b>10</b>
<b>APPENDIX-B: Minutes of the milestone meeting MS5 .....</b>	<b>12</b>
<b>APPENDIX-C: List of working meetings .....</b>	<b>15</b>

## LIST OF FIGURES

Figure 1. Document Library .....	7
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## LIST OF TABLES

Table 1. List of deliverables (Grant Agreement-101004830-CRISIS.pdf) .....	4
Table 2. Submitted deliverables (First progress report).....	6
Table 3. Submitted deliverables (Second progress report).....	6
Table 4. List of milestones (Grant Agreement-101004830-CRISIS.pdf) .....	8
Table 5. Milestones achieved (First progress report) .....	9
Table 6. Milestones achieved (First progress report) .....	9

## **1 Second progress report**

### **1.1 Overview**

The Second progress report represents deliverable (D1.6) of the WP1- Project Management. The primary goal is to give insight into the progress of the project realization, to point deviations from the foreseen schedule of the project deliverables, if any, and to check whether project milestones are reached. This information is essential for supporting project management decisions related to further successful realization of the project.

The lead beneficiary of D1.6 is IZIIS.

### **1.2 Deliverables - foreseen schedule**

The progress of the project is assessed through deliverables and milestones – foreseen and submitted.

The total number of the deliverables are 24 and the comprehensive list consisting of their title, corresponding WP, lead beneficiary, type, dissemination level and due date (in months) given in the Table 1 and Figure 1.

### **1.3 Deliverables - progress status**

In the frame of the First progress report, 13 deliverables (Table 2) were submitted, which represent 54.16% of the total number of deliverables, (Table 1).

In the frame of this Second progress report, 3 additional deliverables (Table 3) were submitted, which represent 12.5% of the total number of deliverables, (Table 1).

In summary, in total up to this reporting period (May 2022), 16 deliverables are submitted or 66.67% of the total number of deliverables, (Table 1).

Table 1. List of deliverables (Grant Agreement-101004830-CRISIS.pdf)

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D1.1	Consortium agreement	WP1	1 - IZIIS	Report	Public	1
D1.2	Project management plan	WP1	1 - IZIIS	Report	Public	1
D1.3	Project Work Plan	WP1	1 - IZIIS	Report	Public	3
D1.4	First progress report	WP1	1 - IZIIS	Report	Public	9
D1.5	Quality procedures manual	WP1	5 - CMC	Report	Public	3
D1.6	Second Progress Report	WP1	1 - IZIIS	Report	Public	17
D2.1	Identification of cross-border natural and human-induced hazards	WP2	4 - AUTH	Report	Public	2
D2.2	Harmonized cross-border seismic hazard assessment and mapping	WP2	1 - IZIIS	Report	Public	5
D2.3	Harmonized cross-border landslide hazard assessment and mapping	WP2	3 - UPT	Report	Public	5
D2.4	Selection of suitable strong motion records for structural analysis	WP2	2 - EUCENTRE	Report	Public	6
D3.1	Needs assessment of the relevant emergency and disaster management authorities	WP3	5 - CMC	Report	Public	3
D3.2	Review of existing standards, procedures and guidelines	WP3	4 - AUTH	Report	Public	6
D4.1	Harmonized regional risk exposure model	WP4	1 - IZIIS	Report	Public	9
D4.2	Vulnerability assessment based on seismic and landslide hazard	WP4	4 - AUTH	Report	Public	15
D4.3	Risk scenarios	WP4	3 - UPT	Report	Public	18
D5.1	Architecture of the WBP	WP5	2 - EUCENTRE	Report	Confidential, only for members of the consortium (including the Commission Services)	8

Table 1. List of deliverables, contd. (Grant Agreement-101004830-CRISIS.pdf)

Deliverable Number <sup>14</sup>	Deliverable Title	WP number <sup>9</sup>	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D5.2	WBP beta version	WP5	2 - EUCENTRE	Other	Confidential, only for members of the consortium (including the Commission Services)	15
D5.3	WBP version 1.0	WP5	2 - EUCENTRE	Other	Confidential, only for members of the consortium (including the Commission Services)	22
D6.1	Project web portal	WP6	1 - IZIIS	Websites, patents filling, etc.	Public	6
D6.2	Dissemination strategy	WP6	5 - CMC	Report	Public	3
D6.3	Tailor-made outputs (reports, protocols, training & educational materials, leaflets etc.)	WP6	1 - IZIIS	Report	Public	24
D6.4	Demo OF WBP	WP6	2 - EUCENTRE	Websites, patents filling, etc.	Public	18
D6.5	Exploitation study	WP6	5 - CMC	Report	Public	24
D6.6	Final workshop and training session as side event	WP6	1 - IZIIS	Report	Public	24

Table 2. Submitted deliverables (First progress report)

No.	Title	Months				
		01/21	02/21	04/21	05/21	07/21
D1.1	Consortium agreement		√			
D1.2	Project Management Plan	√				
D1.3	Project Work Plan		√			
D1.5	Quality procedure manual					√
D2.1	Identification of cross-border natural and human induced hazards	√				
D2.2	Harmonized cross-border seismic hazard assessment and mapping			√		
D2.3	Harmonized cross-border landslides hazard assessment and mapping			√		
D2.4	Selection of suitable strong ground motion records for structural analysis				√	
D3.1	Needs assessment of the relevant emergency and disaster management authorities		√			
D3.2	Review of existing standards, procedures and guidelines				√	
D5.1	Architecture of the WBP					√
D6.1	Project web portal					√
D6.2	Dissemination strategy		√			

Table 3. Submitted deliverables (Second progress report)

No.	Title	Months		
		08/21	09/21	03/22
D1.4	First Project report	√		
D4.1	Harmonized regional risk exposure model		√	
D4.2	Vulnerability assessment based on seismic and landslide hazard			√

**RESEARCH & INNOVATION**  
Grant Management Services

Help

Radmila Salic

**MY PROJECT**

Call: UCPM-2020-PP-AG  
Type of Action: UCPM-EXT-AG  
Acronym: CRISIS  
Current Phase: Grant Management  
Number: 101004830  
Duration: 24 months  
GA based on the: UCPM MGA — Multi - 4.null  
Start Date: 01 Nov 2020  
Estimated Project Cost: €488,696.82  
Requested EU Contributions: €415,392.29  
Contact: Dorota MACIEJEWSKA

Latest Legal Data  
Active Processes  
Document Library  
Communication Centre  
Archived Processes

H2020 ONLINE MANUAL  
ONLINE MANUAL  
HOW TO

Date	Documents
March 2020	Proposal (1)
July 2020	Evaluation Result Letter (1) Evaluation Summary (1) Grant Agreement (1) Grant Declaration (1)
October 2020	GrantData (1)
November 2020	Prefinancing (1)
January 2021	Deliverables (2) 101004830_Deliverable_2_(Project management plan) 101004830_Deliverable_6_(Identification of cross-border natural and human-induced hazards)
February 2021	Deliverables (4) 101004830_Deliverable_10_(Needs assessment of the relevant emergency and disaster management authorities) 101004830_Deliverable_19_(Dissemination strategy) 101004830_Deliverable_1_(Consortium agreement) 101004830_Deliverable_3_(Project Work Plan)
April 2021	Deliverables (2) 101004830_Deliverable_7_(Harmonized cross-border seismic hazard assessment and mapping) 101004830_Deliverable_8_(Harmonized cross-border landslide hazard assessment and mapping)
May 2021	Deliverables (2) 101004830_Deliverable_11_(Review of existing standards, procedures and guidelines) 101004830_Deliverable_9_(Selection of suitable strong motion records for structural analysis)
July 2021	Deliverables (3) 101004830_Deliverable_15_(Architecture of the WBP) 101004830_Deliverable_18_(Project web portal) 101004830_Deliverable_5_(Quality procedures manual)
August 2021	Deliverables (1) 101004830_Deliverable_4_(First progress report)
September 2021	Deliverables (1) 101004830_Deliverable_12_(Harmonized regional risk exposure model)
March 2022	Deliverables (1)

Figure 1. Document library

(<https://ec.europa.eu/research/participants/grants/101004830#!/processes>)

#### 1.4 Milestones - foreseen schedule

The progress of the project is assessed through deliverables and milestones – foreseen and submitted.

In Table 4 is presented the total number of the milestones (10) and the comprehensive list consisting of their title, corresponding WP, lead beneficiary, due date (in months) and means of verification.

Table 4. List of milestones (Grant Agreement-101004830-CRISIS.pdf)

Milestone number <sup>18</sup>	Milestone title	WP number <sup>9</sup>	Lead beneficiary	Due Date (in months) <sup>17</sup>	Means of verification
MS1	Kick-off Meeting	WP1	1 - IZIIS	1	Kick-off meeting will be organised with the aim to agree on the methodological aspects of the assessments and proposal for the detailed work plan.
MS2	Coordination meeting	WP1	1 - IZIIS	12	Coordination meeting will be scheduled with the aim of discussing and evaluating the preliminary hazard assessments and findings and propose a plan for the final deliverables submissions.
MS3	Coordination meeting 2	WP2	3 - UPT	4	Coordination meeting will be scheduled with the aim of discussing and evaluating the preliminary hazard assessments and findings, discussing the possibility for adjustments and plan for the final report preparation
MS4	Mapping of stakeholders and identification of gaps	WP3	5 - CMC	5	Establishing contacts and interviews with stakeholders to share knowledge and experience and to prioritize problems.
MS5	Coordination meeting 3	WP4	1 - IZIIS	15	Coordination meeting will be scheduled with the aim of discussing and evaluating the preliminary risk and vulnerability assessments and findings, discussing the possibility for adjustments and plan for the final report preparation. Exposure model and vulnerability results should be ready as input to WBP.
MS6	WBP beta version	WP5	2 - EUCENTRE	15	Web tool
MS7	WBP version 1.0	WP5	2 - EUCENTRE	22	Web tool
MS8	Project website	WP6	1 - IZIIS	6	DEC
MS9	Monitoring report on dissemination strategy	WP6	1 - IZIIS	12	PDF (approx. 10 pages) English
MS10	Monitoring report on dissemination strategy 2	WP6	1 - IZIIS	24	PDF (approx. 10 pages) English

### 1.5 Milestones - progress status

Currently 4 milestones are achieved (First progress report) and one additional in the second in line with the defined schedule (Table 5 and Table 6) which indicate that the project are realized according to the timetable in the Grant Agreement.

Table 5. Milestones achieved (First progress report)

No.	Title	WP	LB	Due date	Means of verification
MS1	Kick-off meeting	WP1	IZIIS	1	Presented in Appendix A (First progress report)
MS3	Coordination meeting 2	WP2	UPT	4	Presented in Appendix B (First progress report)
MS4	Mapping of stakeholders and identification of gaps	WP3	CMC	5	Presented in D3.1 Annex 1 (First progress report)
MS8	Project website*	WP6	IZIIS	6	Website fully operational

\* <http://www.iziis.ukim.edu.mk/en/crisis-project/> (accessed May 9, 2022)

Table 6. Milestones achieved (Second progress report)

No.	Title	WP	LB	Due date	Means of verification
MS5	Coordination meeting	WP4	IZIIS	15	Agenda and Minutes of the meeting (Appendixes A and B)
MS6	WBP beta version	WP5	EUC	15	Software released and validated by the internal user group

Additional online working meetings were held to facilitate the successful realization of the project tasks. The list of the meetings (not exhaustive) is given in the Appendix C.

Also, the complete process was supported by the extensive email communication among all partners involved.

### References

- [1] [Documents download module \(europa.eu\)](#) Grant Agreement-101004830-CRISIS.pdf
- [2] <https://ec.europa.eu/research/participants/grants/101004830#!/processes>
- [3] <http://www.iziis.ukim.edu.mk/en/crisis-project/>

**APPENDIX- A: Agenda of the Coordination meeting MS5**

**COORDINATION MEETING****28 April 2022, 10:30 – 13:00, Venue: Ohrid, North Macedonia**

<b>Time</b>	<b>Activity</b>	<b>Presenter</b>
<b>April 27,</b> <i>Late afternoon</i>	Arrival in Ohrid, accommodation - hotel Granit	
<b>April 28</b>	Coordination Meeting 10:30 – 13:00	
<b>10:30 – 11:00</b>	Project status overview– WP, tasks, Project deliverables, timeline	Vlatko Sesov All partners
<b>11:00 – 11:30</b>	Current activities (WP, tasks, deliverables)	Roberta Apostolska All partners
<b>11:30 – 12:00</b>	Coffee break	
<b>12:00 – 12:30</b>	Administrative and financial issues	Vlatko Sesov All Partners
<b>12:30 – 12:45</b>	Future steps and plans	Vlatko Sesov All Partners
<b>12:45 - 13:00</b>	Open discussion	All partners
<b>13:00</b>	Closing of the meeting	

**APPENDIX- B: Minutes of the Coordination meeting MS5**

Meeting Minutes	Date:	28.04.2022
	Time:	10:30-13:00
	Place:	Ohrid, North Macedonia

On the request of:	Prof. Dr. Vlatko Sesov	UKIM-IZIIS
Chaired by:	Prof. Dr. Vlatko Sesov	UKIM-IZIIS
Minutes by:	Assoc. Prof. Dr. Marta Stojmanovska	UKIM-IZIIS

M I N U T E S	
1.	Project status overview– WP, tasks, Project deliverables, timeline
Discussion / Conclusions / Decisions	Prof. Dr. Vlatko Sesov welcomed the participants and gave an overview of the project status. There are 24 deliverables to be realized within the project, 16 have already been submitted and waiting for approval, 8 are ongoing, out of which 3 are still pending, but are about to be finished.
2.	Current activities (WP, tasks, deliverables)
Discussion / Conclusions / Decisions	Prof. Dr. Roberta Apostolska presented the status related to current activities. It was stated that present focus of the project are activities within WP5, that is identification of critical assets/nodes for a better allocation of often limited available resources by the relevant emergency and disaster management authorities. Regarding the WBP beta version, the colleagues from EU CENTRE, that unfortunately were not able to attend the meeting, will be asked to send the update of the new versions of the WBP with eventual comments from other participants that were collected in the meantime. Brief discussion was initiated by Prof.Dr.Markel Baballeku about the adopted fragility curves for bridges and the fact that each of the cross-border countries involved has there own, already developed fragility curves for certain bridge types. Prof.Baballeku suggested those curves to be proposed in D4.2 as an addition, beside the harmonized models from EU CENTRE. It was agreed this to be pointed out in the final narrative report.
3.	Administrative and financial issues
Discussion / Conclusions / Decisions	Prof.Dr.Vlatko Sesov gave detailed explanation regarding the administrative and financial aspects of the project, stating that the grant reimburses <b>85%</b> of the action's eligible costs and that the transfers between budget categories is possible but must stay below 20% of the total costs-this was pointed put as an option regarding the travel costs as they could not be used up as planned due to the Covid-19 pandemic.
4.	Future steps and plans
Discussion / Conclusions / Decisions	It was commonly agreed that the submission of the 3 pending deliverables is a priority. Within the WP4 and WP5 workshop related to WBP in Pavia, Italy is under consideration. Final workshop is planned for the final week of October 2022 in Skopje.
5.	Other
Discussion / Conclusions / Decisions	Dr. Stevko Stefanovski , as CMC representative and one of the beneficiaries of the project has pointed out that their existing platform for disaster risk reduction was upgraded with the modulus developed within WP 2.

### **Attendance list**



Comprehensive **RISK** assessment of basic  
services and transport **InfraStructure**



ИЗНИС  
IZIIS



## COORDINATION MEETING - List of Attendance

28 April 2022, 10:30 – 13:00, Venue: Ohrid, North Macedonia

	Name and surname	Signature
1	VLATKO SHESHOV, IZIIS	[Signature]
2	ROBERTA APOSTOLSKA, IZIIS	[Signature]
3	Radmir Salic, IZIIS	[Signature]
4	ZORAN RAKICEVIC, IZIIS	[Signature]
5	MARTA STOJANOVSKA, IZIIS	[Signature]
6	MARIJA VITANOVA	[Signature]
7	Morhel Bobellëku	[Signature]
8	Genti Qirjazi	[Signature]
9	Arntem Shkodranj	[Signature]
10	DIMITRIOS PITILAKIS	[Signature]
11	Christos Petridis	[Signature]
12	STEVKO STEFANOSKI	[Signature]
13	Angela Papaska, IZIIS	[Signature]
14	Borjan Petreski, IZIIS	[Signature]
15	Igor Gjorgjiev IZIIS	[Signature]
16	Jovan LEVKOVSKI IZIIS	[Signature]
17	Dejan Filipovski IZIIS	[Signature]
18	Aleksander Bogdanovic IZIIS	[Signature]
19	Goran Jekic IZIIS	[Signature]
20	Julijana Bojadjeva IZIIS	[Signature]
21		

**APPENDIX-C: List of working meetings**

<b>Second progress report</b>					
WP4	D4.2	N. Macedonian, Italian and Greek partners	29.11.2021	MS teams	Harmonizing the activities for preparing the D4.2
WP4	D4.2	N. Macedonian and Italian partners	07.04.2022	MS Teams	Short meeting regarding the fragility curves for bridges
WP5 (MS6)	D6.1	N. Macedonian, Italian and Greek partners	09.02.2022	MS Teams	Presentation for Beta version of the CRISIS platform