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Contract number 2014/352-249

# Prevention, Preparedness and Response to Natural and Man- made Disasters in the EaP countries – PPRD East 2

## *Progress Report 8*

*Period 8: June – November 2018*

*11 March 2019*



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## Summary

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**PROJECT TITLE:** Prevention, Preparedness and Response to Natural and Man-made Disasters in Eastern Partnership countries – PPRD East 2

**CONTRACT NUMBER:** 2014/352-249

**COUNTRIES:** Republic of Armenia, Republic of Azerbaijan, Republic of Belarus, Georgia, Republic of Moldova, and Ukraine, in the following referred to as Armenia, Azerbaijan, Belarus, Georgia, Moldova, and Ukraine

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The opinions expressed in this report are the sole responsibility of the authors and can in no way be taken to reflect the views of the European Union.

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## ABBREVIATIONS

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AO	Administrative Order
CA	Contracting Authority
CAG	Country Advisory Group
CP	Civil Protection
DG	Directorate General
DG ECHO	Directorate-General for European Civil Protection and Humanitarian Aid Operations
DG NEAR	Directorate-General for Neighbourhood and Enlargement Negotiations
DLD	Disaster Loss Data
DRM	Disaster Risk Management
EADRCC	Euro-Atlantic Disaster Response Coordination Centre
EaP	Eastern Partnership
EC	European Commission
EIB	European Investment Bank
ENPI	European Neighbourhood and Partnership Instrument
ERRA	Electronic Regional Risk Atlas
EU	European Union
EUCPM	European Union Civil Protection Mechanism
EUD	European Union Delegation
EUFD	European Union Flood Directive
EU MOLDEX 2017	Full-scale Field Exercise organised within the PPRD East 2 Programme
FRM	Flood Risk Management
GIS	Geographic Information System
HNS	Host Nation Support
INSPIRE	Infrastructure for Spatial Information in Europe
IT	Information Technologies
JRC	Joint Research Centre
KE	Key Expert
LEMA	Local Emergency Management Authority
MES	Ministry of Emergency Situation
NAG(s)	National Advisory Group(s)
NASA	National Aeronautics and Space Administration (USA)
NATO	North Atlantic Treaty Organization

NKE	Non-Key Expert
NPC	National Programme Coordinator
OSCE	Organization for Security and Co-operation in Europe
PPRD East	EU funded "Programme for the Prevention, Preparedness and Response to Man-made and Natural Disasters" in the ENPI East Region, EU Flagship Initiative
ToR	Terms of Reference
UNDP	United Nations Development Programme
UNISDR	United Nations International Strategy for Disaster Reduction
USGS	United States Geological Survey
VIP	Very Important Person
WMS	Web Mapping Services
WMS-T	WMS with time support



## EXECUTIVE SUMMARY

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This Progress Report provides an overview of the implementation of the EU Programme for "Preparedness, Prevention and Response to Natural and Man-made Disasters in EaP Countries" (PPRD East 2) in the period June-November 2018 and presents a proposed work plan for the next reporting period (December 2018-May 2019). This report is based on the PPRD East 2 Work Plan 2016-2018, activities presented in the Addendum #2, and the previous Progress Reports, all approved by the Contracting Authority.

Chapter 1 provides the Programme synopsis, Chapter 2 presents a brief summary of the Programme overall implementation in the period December 2014 – November 2018, while Chapter 3 details implementation progress made within each Activity Area during this 8<sup>th</sup> reporting period. Chapter 4 presents activities proposed to be implemented in the next reporting period (November 2018-May 2019).

Two major changes occurred during this reporting period, namely the EC management of the Programme was transferred from the EU Delegation in Ukraine to DG NEAR in Brussels, and a 6-months extension of the Programme was approved. As a result, the Programme Work Plan was updated with activities approved in Addendum #2 (available in Annex 3), and the Programme implementation was respectively adjusted.

At the regional level, the Regional Workshop on Coordination of International Emergency Relief Operations, the 2<sup>nd</sup> Disaster Loss Data Regional Workshop, the 5<sup>th</sup> National Programme's Coordinators meeting and the 4<sup>th</sup> Meeting of the Programme Steering Committee were successfully organised. Simultaneously, the draft versions of the PPRD East 2 Newsletter #7 and the Civil Protection Volunteerism Public Service Announcement have been developed. At the national level, civil protection lessons learned consultative missions to the remaining two Partner Countries (Armenia and Belarus), and the ERRA IT missions to five Partner Countries (all but Belarus) were conducted. In addition, the working groups' meetings addressing flood risk management, disaster risk assessment and host nation support were held, as well as the first national Workshop on Coordination of International Emergency Relief Operations in Armenia. Aligning the national disaster risk management systems to the EU good practice continued in all six Partner Countries.

The Programme maintained collaboration and exchange of information with all relevant projects and initiatives active in the region and in the EU neighbourhood. The Programme experts participated in various meetings, round tables, forums, and conferences, including in the NATO EADRCC Consequence Management Exercise "SRBIJA 2018" and at the 2018 European Forum for Disaster Risk Reduction. Close cooperation was established and maintained with the EU-funded PPRD South III Programme, EU Neighbours East, and the Alliance for Disaster Risk Reduction Project.

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## 1. PROGRAMME SYNOPSIS

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### 1.1. OVERALL OBJECTIVE

The overall objective of the PPRD East 2 is, as per the Programme Terms of References, to contribute to the peace, stability, security and prosperity of the Eastern Partner Countries and to protect the environment, the population, the cultural heritage, the resources and the infrastructures of the region by strengthening the countries' resilience, preparedness and response to man-made disasters and disasters caused by natural hazards.

### 1.2. PURPOSE

Based on the results of the PPRD East Programme - Phase 1, the purposes of the PPRD East 2 are:

- Strengthening Partner Countries' civil protection capacities for disaster prevention, preparedness and response;
- Strengthening regional cooperation and bringing the Partner Countries progressively closer to the European Union Civil Protection Mechanism.

The Programme covers the countries of the Eastern Partnership, namely Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine.

### 1.3. RESULTS TO BE ACHIEVED

**Result A.** In the Partner Countries, the institutional and legal framework on disaster management and prevention is improved and approximated to the *EU acquis* and best practices. This entails in particular that:

- a. The relevant provisions of the *EU acquis* and best practices related to the prevention and management of disasters (e.g. EU Floods Directive, EU Civil Protection policies) are transposed in the national legislations or regulatory frameworks and are implemented. In case this relevant *EU acquis* and best practices cannot be fully transposed during the lifetime of the Programme, national roadmaps leading to it are established and approved;
- b. Development of regional and national action plans implementing Risk Assessment Policies/Strategies and progress in the development of national risk assessments and disaster risk management planning are achieved;
- c. Legislative framework and inter-institutional arrangements in this domain have been adapted and formalised, in particular on the basis of the recommendations of the PPRD East Programme Phase 1.

**Result B.** Partner Countries and Participating States of the European Union Civil Protection Mechanism cooperate closely through regular exchanges of information, expertise and best practices, trainings, table-top exercises and a joint regional exercise.

**Result C.** The Electronic Regional Risk Atlas (ERRA), developed under PPRD East Programme Phase 1 is further developed and put in practical use by Partner Countries. Data accessibility and comparability is improved at national and regional levels, in line with the requirements of the Hyogo Framework for Action Agreement and in consistency with the European common approach for developing national loss databases and sharing of information.

**Result D.** Awareness about disasters (natural and man-made), their prevention and response, is improved in the Partner Countries, amongst civil protection professionals, volunteers and within the population in general.

## 1.4. GENERAL MANAGEMENT

The Programme is implemented from a Regional Office in Kyiv, Ukraine, and from a dedicated Programme Office in the Danish Emergency Management Agency in Birkerød, Denmark. The backstopping support is provided from the Stantec office in La Hulpe, Belgium.

The PPRD East 2 Steering Committee, the decision-making body of the Programme, was established during the inception period. The composition of the PPRD East 2 Steering Committee, as well as the list of National Programme Coordinators, are available on the Programme website<sup>1</sup>.

The Programme is managed by:

From the contracting authority:

- Ms Elisabeth Hundhammer, EU Project Officer, DG NEAR, Brussels, in close cooperation with
- Ms Asta Mackeviciute, DG ECHO, Brussels.

From the contractor (backstopping team):

- Mr Flemming Klokager, Project Director, Birkerød, Denmark
- Ms Anca Andreescu, Senior Project Manager, Brussels
- Ms Caterina Cigala, Project Manager, Brussels
- Ms Chiara Bartolucci, Project Assistant, Brussels, and
- Ms Galina Sidelkovska, Project Assistant/Office Manager, Kyiv, Ukraine.

The following experts implemented the Programme during the reporting period:

- Key-Expert Team (KE):
  - Mr Sergej Anagnosti, Team Leader (KE1)
  - Mr Michael Elmquist, Civil Protection Key Expert (KE2)
  - Mr Antonín Petr, Capacity Building Key Expert (KE3)
- Specialised Non-Key Experts (NKE):
  - Mr Roberto Rudari, Information and Data Sharing and ERRA NKE
  - Mr Marco Massabo, Flood Risk Management and Disaster Loss Data NKE
  - Ms Natasa Holcinger, Disaster Risk Assessment NKE
  - Mr Giorgio Boni, Flood Hazard NKE
  - Ms Veronique Ruggirello, Information & Media NKE
  - Mr Martin Thomsen, Team Trainer
  - Mr Allan Pellowe, Team Trainer
  - Mr Thorbjorn Nesjan, Team Trainer
  - Mr Davide Miozzo, Volunteerism in Disaster Risk Management NKE
  - Ms Tatiana Bedrina, Flood Risk Management and Disaster Loss Data NKE
  - Mr Massimo Sardo, ERRA IT NKE
- Local Coordinators (NKEs):
  - Ms Karine Taslakyán, Armenia
  - Mr Tarlan Arzumanov, Azerbaijan

<sup>1</sup> <http://pprdeast2.eu/en/about-pprdeast2/steering-committee/>, <http://pprdeast2.eu/en/about-pprdeast2/nacionalnye-koordinatory/>

- Ms Elena Kachynskaya, Belarus
- Mr Kakhaber Mamuladze, Georgia
- Ms Iordanca-Rodica Iordanov, Moldova
- Ms Olena Goryeva, Ukraine.

Annex 1 provides information on the use of resources up to the end of the reporting period 8.<sup>2</sup>

In August 2018, the request for a no-cost 6-months extension was granted by the Contracting Authority, allowing a continuation of the Programme activities till the end of May 2019.

With reference to the presence of the Key Experts in the EaP region, it was approximately 30% for the KE1 and KE2 and 25% for KE3, with details provided in the table below.

Notwithstanding the ToR requirement of minimum 50% of key experts' days spent in the beneficiaries countries, it has been agreed with the CA that as long as the presence of the KEs in the region continues to contribute to the implementation of this Work Plan and considering the fact that the Work Plan was designed and agreed with both the EU and Partner Countries, it is acceptable to continue with this level of presence in the Partner Countries.

The Programme will continue to monitor the presence of the Key Experts in the region closely and will provide updated information in the next and final progress report.

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<sup>2</sup> The figures are indicative and final figures will be provided after the relevant expenditure verification is completed.

	1st Reporting Pe- riod	2nd Reporting Pe- riod	3rd Reporting Pe- riod	4th Reporting Pe- riod	5th Reporting Pe- riod	6th Reporting Pe- riod	7th Reporting Pe- riod	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018
<b>Sergej A.</b>													
<u>Region</u>	60	46,5	33,5	45,5	20	34	16,5	14	7,5	0	0	0	4
<u>Home-based</u>	47	62	63	69	74,5	85,5	87,5	7	9	23	20	16	15
<u>Other</u>	8	12,5	15	3	18	2	17	0	4	0	0	6	4
<b>SUM</b>	<b>115</b>	<b>121</b>	<b>111,5</b>	<b>117</b>	<b>112,5</b>	<b>121,5</b>	<b>121</b>	<b>21</b>	<b>20,5</b>	<b>23</b>	<b>20</b>	<b>22</b>	<b>23</b>
<b>Michael E.</b>													
<u>Region</u>	43,5	42	24,5	23	19	30	20	8	0	3	3	0	4
<u>Home-based</u>	47	21,5	38,5	49	6,5	41	66	6	4	2	4	10	14
<u>Other</u>	9	42	31	25,5	65	20,5	8	0,5	5	3	0	5,5	0
<b>SUM</b>	<b>99,5</b>	<b>105,5</b>	<b>94</b>	<b>95,5</b>	<b>90,5</b>	<b>91,5</b>	<b>94</b>	<b>14,5</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>15,5</b>	<b>18</b>
<b>Dusan Z.</b>													
<u>Region</u>	3,5												
<u>Home-based</u>	9												
<u>Other</u>	8												
<b>SUM</b>	<b>23,5</b>												
<b>Antonin P.</b>													
<u>Region</u>	7	67	21	35,5	15	37,5	24,5	8	0	2,5	0	2,5	4,5
<u>Home-based</u>	10	56	88	80	96	89,5	85,5	13	17,5	20	15	13,5	15,5
<u>Other</u>	55	3	17	13,5	10	0	9	0	4,5	0	0	7,5	0
<b>SUM</b>	<b>22</b>	<b>126</b>	<b>126</b>	<b>129</b>	<b>121</b>	<b>127</b>	<b>119</b>	<b>21</b>	<b>22</b>	<b>22,5</b>	<b>15</b>	<b>23,5</b>	<b>20</b>

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## 2. SUMMARY OF PROGRAMME PROGRESS (DECEMBER 2014 - NOVEMBER 2018)

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During the **first reporting period** (December 2014 – June 2015), the focus was twofold: 1) on the implementation of the initial Programme activities, namely the organisation of the first round of the National Advisory Group meetings, the participation at the EU Civil Protection Forum, the organisation of the ERRA Regional Workshop, the conceptualisation and the preparation of the first Basic Training Course and follow-up assessment missions, as well as 2) on the finalisation, and subsequent adoption, of the Inception Report and Work Plan at the 1<sup>st</sup> Steering Committee meeting, plus the development of the Programme motto and logo, communication products and design of the PPRD East 2.

During the **second reporting period** (July – November 2015), the main accomplishments were the successful organisation of all planned capacity building events - all 4 Basic Training Courses, Disaster Loss Data and EU Floods Directive Regional Workshops. All six country profiles were developed, discussed and endorsed by national disaster risk management stakeholders at the second round of National/Country Advisory Group meetings, and translated into national languages. All six country profiles are available on the Programme website since December 2015 for Armenia, Belarus, Georgia, Moldova and Ukraine, and since March 2016 for Azerbaijan.

During the **third reporting period** (December 2015 – May 2016), the main achievements were the development, endorsement and adoption of the PPRD East 2 Work Plan 2016-2018 and its subsequent implementation, what mostly entailed further capacity building through 2 Operational Management and the first of 2 Advanced Training Courses, and five Host Nation Support Table-Top Exercises, the finalisation of the Regional Guidance on Flood Risk Management and the appointment of thematic focal points, plus the establishment of the respective national thematic working groups.

During the **fourth reporting period** (June – December 2016) the Programme continued to implement country specific activities, either through national inter-institutional working groups or through direct communication and cooperation with the appointed thematic focal points. At the regional level, in addition to the development of the Draft Flood Risk Management Protocol for the Trans-boundary Dniester River Basin and the Draft Guidelines to Develop the National Communication Strategy for Raising Awareness about Disasters in English and Russian, regional workshops on lessons learned, ERRA, development of national communication strategies, and cooperation with journalists and communication experts, as well as the Civil Protection volunteerism study tour were organised. The planning of the full-scale field exercise EU MOLDEX 2017 commenced. The reporting period concluded with the 3<sup>rd</sup> round of National/Country Advisory Group meetings.

During the **fifth reporting period** (December 2016 – May 2017) the Programme focused on the preparation and organisation of the full-scale field exercise EU MOLDEX 2017, starting with the 1<sup>st</sup> Planning Conference and the Regional Table-Top Exercise. The second and final civil protection Advanced Training Course and the Civil Protection Volunteerism Regional Workshop were complemented with the implementation of country specific activities, either through national inter-institutional working group meetings (like the ones on Raising Awareness on Disasters in Belarus and on the Flood Risk Management in Moldova) or through direct communication and cooperation with the appointed thematic focal points. The 3<sup>rd</sup> National Programme Coordinators' and the 3<sup>rd</sup> Steering Committee meetings were organised at the beginning of the reporting period.

During the **sixth reporting period** (June-November 2017) the main efforts were dedicated to finalising the preparation of, and to effectively and efficiently organise the full-scale field exercise EU MOLDEX 2017 on 18-21 September 2017 in Moldova. Before the exercise, the regional 2<sup>nd</sup> Planning Conference and Regional Flood Risk Management Workshop were successfully organised in Moldova and Georgia respectively,

whereas after the exercise, the Programme focused on the development of the EU MOLDEX 2017 video<sup>3</sup>, the preparation of the follow-up Lessons Learnt Regional Conference, the implementation of the country specific activities and the preparation of the 4<sup>th</sup> round of National/Country Advisory Group meetings.

During the **seventh reporting period** (December 2017 - May 2018) the 4<sup>th</sup> National Programme Coordinators' meeting and the Regional Lessons Learnt Conference were organised at the regional level, while the latter was followed-up with the Lessons Learnt Consultative Missions to Partner Countries. Also at the national level, a 2<sup>nd</sup> Host Nation Support Table-Top Exercise was organised in Moldova, working group meetings on Civil Protection Volunteerism and Disaster Risk Assessment were conducted in Belarus and Azerbaijan respectively, and a study visit on Disaster Risk Assessment of Moldavian experts was hosted by the Croatian National Protection and Rescue Directorate. Reacting to the requests received from DG ECHO and the Emergency Management Service of Georgia, PPRD East 2 experts undertook an ad-hoc review of the newly drafted Law on Civil Protection of Georgia.

During the **eighth reporting period** (June - November 2018) the focus was on adjusting the implementation of the Programme to reflect the 6-months extension (approval granted on 08 August 2018, available in Annex 3) and the transfer of the Programme management to DG NEAR in Brussels (done in the period from 15 July 2018 till end of September 2018), while maintaining the Programme implementation momentum established with Partner Countries. At the regional level, the 2<sup>nd</sup> Regional Disaster Loss Data Workshop was conducted on 24-25 July 2018 in Kyiv, as well as the 5<sup>th</sup> National Programme Coordinators' and the 4<sup>th</sup> Steering Committee meetings held on 25 and 26 October 2018 respectively in Brussels, Belgium. Moreover, reacting to the need expressed by Partner Countries at the Regional Lessons Learned Conference organised in February 2018, a Regional Workshop on Coordination of International Emergency Relief Operations was organised on 02-06 July 2018 at the Danish Emergency Management Agency's Staff College in Snekkersten in Denmark, in a train-the-trainer format. As a follow-up, national Workshops on Coordination of International Emergency Relief Operations was organised in November 2018 in Armenia. Also at the national level, remaining Lessons Learned Consultative Missions to Armenia and Belarus were conducted, as were the ERRA IT missions to all Partner Countries but Belarus. Working groups meetings addressing flood risk management, disaster risk assessment and host nations support were organised on 13 June 2018 in Azerbaijan, on 19 July 2019 in Armenia and on 04 October 2018 in Azerbaijan respectively. The draft versions of the PPRD East 2 Newsletter #7 and the Civil Protection Volunteerism Public Service Announcement were also being developed during the reporting period.

The Programme website was maintained and regularly updated in English and Russian (<http://pprdeast2.eu/en/>, <http://pprdeast2.eu/ru/>), as was – in almost real-time – the Programme Facebook page (<https://www.facebook.com/PPRDEast2/>).

In total, during the current reporting period, 4 regional and 3 national events were organised by the Programme, with a total of 116 participants, out of which 65 (56%) were representatives of key beneficiaries (i.e. national civil protection/disaster risk management authorities), and 51 (44%) representatives of other national and international civil protection and disaster risk management institutions and organizations (Annex 2). This ratio also mirrors the participation data over the whole implementation period – December 2014-November 2018 – as per Figure 1 below and confirms the interest for the PPRD East 2 activities also outside the disaster risk management circles.

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<sup>3</sup> <http://pprdeast2.eu/en/2017/eu-moldex-2017-video/>; <http://pprdeast2.eu/ru/2017/eu-moldex-2017-video/>

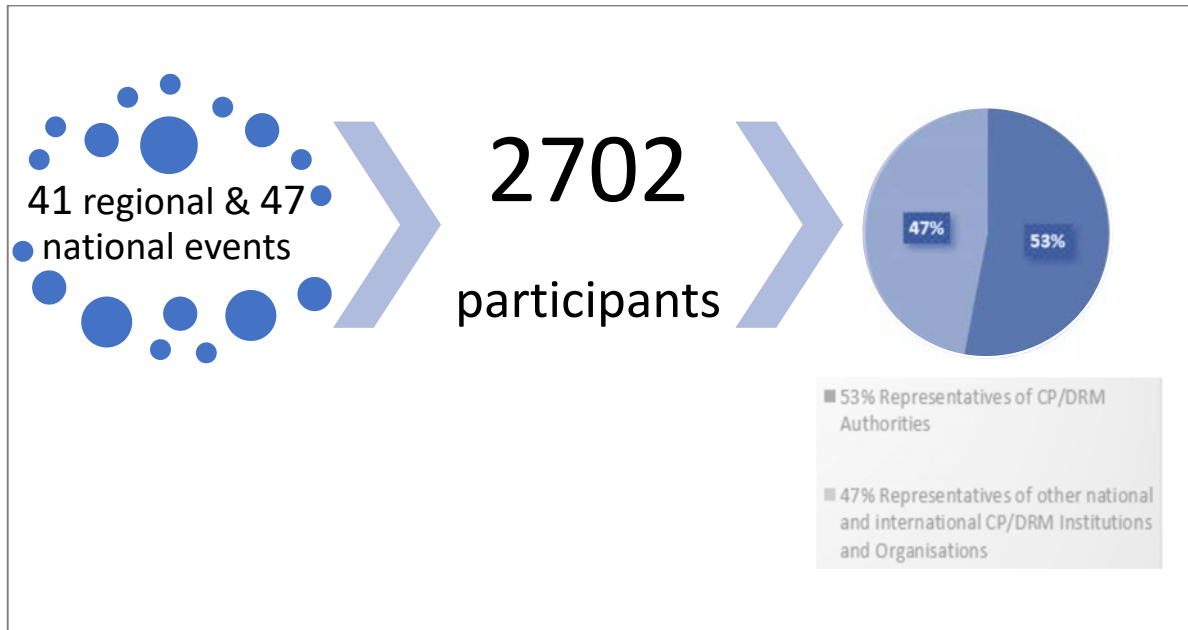


Figure 1, Data regarding participation over the whole Programme implementation, December 2015 - November 2018



### 3. DETAILED PROGRESS ON EACH ACTIVITY AREA DURING THE REPORTING PERIOD

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This Chapter presents in detail the activities undertaken during this 8<sup>th</sup> reporting period (June – November 2018). It follows the structure and format of the PPRD East 2 Work Plan 2016-2018 presented in Chapter 5 of the Progress Report #2, complemented with activities presented in the Addendum 2 (Annex 3). In fact, it was necessary to adjust the Programme implementation to reflect the approved Programme extension. Technical and expert support and assistance for the aligning of the Partner Countries' national disaster risk management systems to the EU good practice were provided both at the regional and at the national level.

#### 3.1. ACTIVITY AREA A

Activity Area A addresses flood risk management and disaster risk assessment, and aligning nations legislation to the EU Floods Directive, EU Disaster Risk Assessment Guidelines, and to the INSPIRE Directive. It aims at improving Partner Countries' existing legal and institutional framework, in line with the EU acquis and EU good practices.

##### **Activity A.1 Capacity Building for the Implementation of the EU Floods Directive and for addressing flood prevention**

- **Task A.1.1 Update on aligning national legislation to the EU Floods Directive in the EaP region**
  - Subtask A.1.1.3 Legal and Institutional Framework for flood risk management and aligning national legislation to the EU Floods Directive

The activities of this subtask aim to provide Partner Countries with assistance to enhance their flood risk management practices through aligning national legislation to the EU Floods Directive.

During the reporting period the following activities were implemented in each Partner Country that selected flood risk management as priority:

**Armenia:** On 28 June 2018 a bilateral meeting of the PPRD East 2 experts and the National Flood Risk Management Focal Point was held to:

- present and provide clarifications on the draft version of the Policy Brief for the inclusion of the main principles of the EU Floods Directive 2007/60/EC into Armenian legislation (which was under finalisation by the Programme at the time of the meeting),
- obtain an update on the current status of the flood risk management in Armenia, and
- agree on the follow-up technical assistance that PPRD East 2 should provide.

PPRD East 2 experts were informed that, as a part of the on-going institutional reform, the Ministry of Energy and Natural Resources had adopted a Road Map for the legal reform of the entire water sector, also including the alignment of national legislation to the EU Floods Directive. The experts updated the draft Policy Brief accordingly and submitted it to the National Programme Coordinator and the National Flood Risk Management Focal Point in July 2018 (Annex 4). The feedback on the Policy Brief is yet to be received.

**Azerbaijan:** PPRD East 2 team facilitated the establishment of Flood Risk Management inter-institutional Working Group. The inaugural meeting took place on 13 June 2018 in Baku. The Working Group endorsed the following actions to be implemented before the end of the Programme:

1. Current legislation on water resource management<sup>4</sup> should be revised and a Policy Brief for amending current legislation should be developed. These amendments should result in the inclusion of

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<sup>4</sup> the *Water Code of Republic Azerbaijan n 418-IG of 26 December 1997* (here and after the *Water Code*) and the *Rules for floods and mudflow management 2000, Decree of Cabinet of Ministries* (here and after the *Rules*).

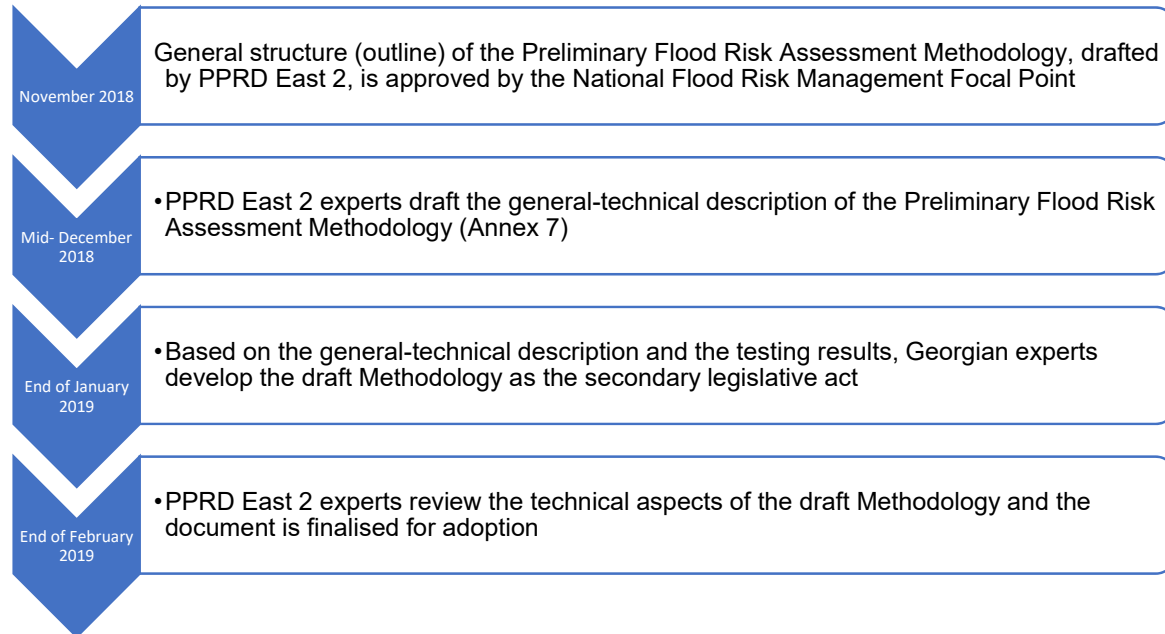
the main provisions of the EU Floods Directive into national sectoral legislation. The National Flood Risk Management Working Group, the Ministry of Emergency Situations and the Ministry of Ecology and Natural Resources, i.e. the main institutions responsible for the amendment of the *Water Code* and the revision of the *Rules*, should endorse the Policy Brief.

As the *Water Code* was obtained from the National Programme Coordinator on 27 November 2018 it will be analysed by the PPRD East 2 experts in the next reporting period. PPRD East 2 expects to receive the *Rules* as well.

2. The *State Programme for prevention of floods and mudflows on the territory of the Republic of Azerbaijan (2012-2015)* should be reviewed so the recommendations are used while developing the new State Programme.

The PPRD East 2 reviewed the State Programme and provided recommendations (available in Annex 5). The main recommendation refers to the development of the national methodology for flood risk management planning, which should include *Preliminary Flood Risk Assessment*, *Flood Hazard and Flood Risk Mapping*, and *Flood Risk Management Planning* (i.e. all key elements of the EU Floods Directive). It was also recommended to identify a responsible authority for the development and the implementation of the methodology.

**Georgia:** during the reporting period, the National Environmental Agency, assisted by the Programme, finalised the testing of the proposed preliminary flood risk assessment Methodology on the pilot river basin Rioni (more details available in Task A1.3). The testing results are being used for the finalisation of the national preliminary flood risk assessment Methodology as a secondary legislation (example of Hazard map, the Population Vulnerability map and the Population Risk map are available in Annex 6). The structure (outline) of the Methodology proposed by the PPRD East 2 has been accepted by the National Flood Risk Management Focal Point, and the timeline for the development and finalisation of the national Methodology was agreed upon as follows:



**Moldova:** as previously reported, the PPRD East 2 team provided the Ministry of Agriculture, Regional Development and Environment (i.e. the Ministry responsible for approximation to the EU Floods Directive) with the draft 'Schema for clarifying roles and responsibilities of different institutions in the implementation of EUFD, namely Preliminary Flood Risk Assessment, Flood Hazard and Risk Mapping and Flood Risk Management Plan', the modification of the Governmental Regulation on FRM no. 887 of 11 November 2013, and the analyses of the 'Study on Preliminary Flood Risk Assessment and Flood Hazard & Risk Mapping', developed by the consultant company Beta-Studio within the EIB funded Flood Risk

Management Project. As the new National Flood Risk Management Focal Point is yet to be appointed<sup>5</sup>, the Programme has not yet received the feedback on the submitted documents, nor has an agreement been reached on the next steps.

**Ukraine:** During the reporting period, the preparation of the preliminary flood risk assessment advanced significantly in Ukraine. The Ukrainian Hydro-Meteorological Institute elaborated the Preliminary Flood Risk Assessment and identified the areas with potentially significant flood risk for the entire Ukraine based on the methodology developed by State Emergency Service with the support of the APENA Project and the PPRD East 2 Programme. The report, that identifies 220 areas with potentially significant flood risk in Ukraine, has been evaluated by the State Emergency Service and the Ukrainian Hydro-Meteorological Centre.

### **Flood Risk Management in Dniester River Basin**

During the reporting period no feedback was received on the drafted Flood Risk Management Protocol neither from the Ministry of Agriculture, Regional Development and Environment of Moldova nor from the Ministry of Ecology and Natural Resource of Ukraine. The request for assistance on this matter was repeated to the General Inspectorate for Emergency Situations of Moldova and to the State Emergency Service of Ukraine, as well as to respective EU Delegations.

#### **▪ Task A.1.3 Development of flood hazard maps and flood risk maps**

Georgia and Ukraine are the only Partner Countries that have advanced in the development of flood hazard and flood risk maps as part of the alignment of national legislation to the EU Floods Directive. During the reporting period, in Georgia, the definition of the Areas of Potentially Significant Flood Risk has been completed: a semi-automatic procedure, based on a GIS technique, was developed and implemented in the pilot river basin. This methodology aimed at attributing a unique (statistically-significant) flood population risk level to different stretches of the river network.

In details, the river network of the pilot catchment was divided in stretches of 5 km<sup>6</sup>. Then, the sub catchments corresponding to the different river stretches were identified. After that, a statistically-based value of the population risk level of the area located inside each sub catchment was attributed to the associated river segment of 5 km. In this example, the 75-percentile of the statistical distribution of population risk value was chosen<sup>7</sup>. Therefore, the final output of the Preliminary Flood Risk Assessment is the population risk level of each river stretch (5 km long) from which Areas of Potentially Significant Flood Risk can be identified. Examples of Preliminary Flood Risk Assessment are shown in Figure 2 as well as the risk level computed in the sub-catchments and the risk level attributed to the river network that can be used for defining the Areas of Potentially Significant Flood Risk.

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<sup>5</sup> As confirmed by the National Programme Coordinator at the last PPRD East 2 Steering Committee meeting

<sup>6</sup> According to the method, any length can be chosen

<sup>7</sup> According to the method, any other percentiles or statistical parameter can be computed

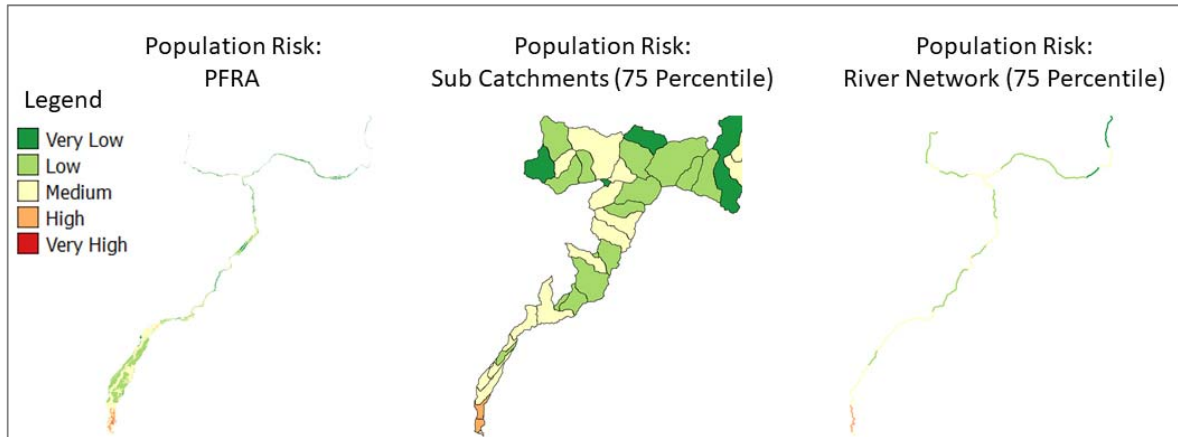


Figure 2 Results of Preliminary Flood Risk Assessment and Areas of Potentially Significant Flood Risk delineation.

### **Activity A.2 Development and/or further improvement of national risk assessments**

#### **▪ Task A.2.0 Improving legal and institutional framework on Disaster Risk Assessment**

During the reporting period, it was recommended to the Partner Countries to intensify the implementation of disaster risk assessment related activities. National efforts in addressing disaster risk assessment have been monitored, analysed and assisted in all Partner Countries that selected disaster risk assessment as a priority.

Also, within the reporting period the 2<sup>nd</sup> Disaster Loss Data Regional Workshop was organised (all Partner Countries participated) and good practices in EU Member States disaster risk assessment methodologies and processes were highlighted. It was also demonstrated how disaster loss data can be used for disaster risk assessment, and more specifically, for improving specific disaster risk scenarios.

**Armenia:** On 19 July 2018 a meeting was held in Yerevan where representatives of more than 10 different national institutions were introduced to the steps necessary for starting the disaster risk assessment process<sup>8</sup>. On 10 August 2018 the inter-institutional disaster risk assessment working group was officially established. During the 5<sup>th</sup> National Programme Coordinators' Meeting held in October 2018 it was agreed to proceed with the task of defining the legal framework and the national disaster risk assessment methodology promptly, in order to use the remaining Programme implementation period as efficiently as possible. A reminder and an enquiry of the next steps and Working Group meetings were sent during November, but no reply has been received to date.

**Azerbaijan:** In October 2018 the Programme was informed that a new national disaster risk assessment focal point should have been appointed and that the implementation of disaster risk assessment activities, agreed upon at the working group meeting in May 2018, were also pending the new nomination. At the moment of writing, the Programme has not received any information regarding this appointment, yet.

**Georgia:** Upon the adoption of the new Civil Protection Law, information on the progress of the national disaster risk assessment development was received from the Emergency Management Service with indications on no further need for the Programme expertise. During the 5<sup>th</sup> National Programme Coordinators' meeting the Programme proposed to review the existing national disaster risk assessment process in order to confirm that it is in line with the EU Disaster Risk Assessment Guidelines' recommendations, as the existing national disaster risk assessment does not seem to include some of the EU Guidelines'

<sup>8</sup> I.e. Definition of specific roles and responsibilities for disaster risk assessment, disaster risk assessment working group establishment, national risks identified, single risk working group established, national disaster risk assessment guidelines/methodology drafted, disaster risk assessment documents drafted/steps undertaken.

recommendations such as risk maps, risk matrixes and risk evaluation. In November 2018 the Programme sent an inquiry about communication and compatibility of different risk assessment processes in the country. A conclusion can be drawn, based on information received, that results of different sectors' processes are not compatible or comparable. Taking this into account, the Programme experts remain ready to provide the offered technical assistance, if the Partner Country decides so.

**Moldova:** The Disaster Risk Assessment Study Visit report was received from General Inspectorate for Emergency Situations at the end of June 2018 stating the difficulty it faced to coordinate the national disaster risk assessment process due to the reassignment of responsibilities within the Government.

During the 5<sup>th</sup> National Programme Coordinators' meeting, the Programme team recommended the General Inspectorate for Emergency Situations to appoint, as soon as possible, a new Disaster Risk Assessment Focal Point, re-establish the Disaster Risk Assessment Working Group, and discuss and agree on the next steps and process coordination with the newly appointed working group members. In November the General Inspectorate for Emergency Situations sent a letter to the Technical Agency, now appointed coordinator of the risk assessment process, and in December the Agency appointed new members to the Working Group. The meeting of the new Working Group was tentatively planned for late January 2019.

**Ukraine:** Reminders and inquiries about the process were sent to the State Emergency Service in May, June and July 2018. In September 2018, in response to the request of the State Emergency Service, the Programme proposed to present good practices in establishing and using a National Platform for Disaster Risk Reduction for coordination of the national disaster risk assessment process. During the 5<sup>th</sup> National Program Coordinators' meeting the same proposal was provisionally accepted by the National Programme Coordinator.

In November 2018 the Programme was informed that due to the obligations of the State Emergency Service related to the amendment of the Civil Protection Code, no meeting could be organised till the end of the year 2018.

### **Activity A.3 Provision of support for the improvement of countries' legislative framework and inter-institutional arrangements in Georgia**

#### **▪ Task A.3.2 Support for recommendation uptake**

All civil protection and disaster risk management related activities addressing aligning of national legislation to INSPIRE Directive are closely connected to ERRA. As a consequence of that, and as previously reported, the ERRA IT mission to Georgia was also used to agree with key institutions involved in feeding the ERRA system (Emergency Management Service and National Environmental Agency) to act in compliance with the INSPIRE directive. Therefore, during this reporting period data samples have been uploaded in the updated ERRA installation following the general rules of INSPIRE Directive. This should allow an easy connection of the ERRA Metadata Catalogue to the National Geoportal catalogue, once the national Geoportal is up and running.

PPRD East 2 provided also support to the National Environmental Agency during the development of the Preliminary Flood Risk Assessment Methodology, so that data collected by the Methodology are compliant with INSPIRE Directive.

## **3.2. ACTIVITY AREA B**

### **Activity B.1 Capacity building through CP trainings and exchange of information, expertise and best practice regarding the Union Civil Protection Mechanism (EUCPM)**

#### **▪ Task B.1.1 Strengthening Network of National Programme Coordinators and Operational 24/7 Contact Points**

Continued effort to strengthen the network of operational focal points in the Partner Countries took place during the Regional Workshop on Coordination of the International Emergency Relief Operations mentioned below under B.1.2. In addition, two particular events further served to strengthen the network and links with civil protection entities of Participating States of the EU Civil Protection Mechanism: the EU CHEM-REACT Field Exercise, that took place in Ukraine on 25 - 28 September 2018, and the NATO EADRCC Field Exercise 'Srbija 2018', that took place in Serbia on 10-11 October 2018.

The EU CHEM-REACT exercise was organised in cooperation between the International Centre for Chemical Safety and Security and the Lviv State University of Life Safety and included participation of chemical rescue and firefighting units from Ukraine, Czech Republic, Latvia, and Poland.

The 'Srbija 2018' Field Exercise included the participation of rescue teams from over 30 countries. All six PPRD East 2 Partner Countries participated as follows:

**Armenia:**

1 Directing Staff member, 1 evaluator, 2 On-Site Operations Coordination Cell members, a 5-person Chemical, Biological, Radiological, and Nuclear team doing sampling and reconnaissance, and an 11-person Urban Search and Rescue team doing rope rescue.

**Azerbaijan:**

2 Directing Staff members, 2 On-Site Operations Coordination Cell members, a 4-person water rescue team, a 3-person Chemical, Biological, Radiological, and Nuclear team doing sampling and detection, 2 Urban Search and Rescue teams, a total of 13 persons, doing rope rescue and Search and Rescue.

**Belarus:**

1 Directing Staff member, 1 evaluator, 1 On-Site Operations Coordination Cell member, a 4-person water rescue team, a 5-person Chemical, Biological, Radiological, and Nuclear team with Hazardous Materials specialists, a 14-person Urban Search and Rescue team with dogs.

**Georgia:**

1 Directing Staff member, 1 evaluator, 2 On-Site Operations Coordination Cell members, a 7-persons water rescue team, an 8-person Chemical, Biological, Radiological, and Nuclear team doing decontamination, and 1 VIP.

**Moldova:**

1 Directing Staff member, 1 evaluator, 1 On-Site Operations Coordination Cell member, a 15 persons Urban Search and Rescue team with rope rescue and dogs.

**Ukraine:**

2 Directing Staff members, 1 evaluator, 2 On-Site Operations Coordination Cell members, a 5-person water rescue team, a 10-person Chemical, Biological, Radiological, and Nuclear team doing survey, detection, disposal and decontamination, a 10-person Urban Search and Rescue team with Search and Rescue and rope rescue capacities.

PPRD East 2 Key Experts participated as observers in both exercises to monitor progress achieved in the alignment of Partner Countries' procedures and techniques to those of the Participating States of the EU Civil Protection Mechanism.

The network of National Programme Coordinators was also further strengthened during the 5<sup>th</sup> National Programme Coordinators' Meeting in Brussels on 25 October 2018.

### ▪ **Task B.1.2 Capacity Building through Lessons Learnt**

As reported in the previous progress report, the Regional Lessons Learnt Conference held in Prague in February 2018 recommended that the PPRD East 2 organise a workshop focusing on coordination issues, especially the interaction between the Local Emergency Management Authority, the On-Site Operations Coordination Centre, the Urban Search and Rescue Coordination Cell, and the Host Nation Support cell.

Consequently, a “Regional Workshop on Coordination of International Emergency Relief Operations” was arranged on 02-06 July 2018 at the Danish Emergency Management Agency staff college in Snekkersten, Denmark. The workshop was attended by four participants from each Partner Country (agenda, report, and list of participants are attached at Annex 8). It was stressed from the outset that the workshop should be regarded as a training of trainers, and each Partner Country would be expected to organise similar workshops in their own country.

By the end of the reporting period, the first such national workshop was held in Armenia on 13-14 November 2018.

The workshop in Armenia brought together the team leaders of the Armenian Urban Search and Rescue Team. The organisers indicated that more such workshops would be arranged in different parts of the country, and that the information about the Union Civil Protection Mechanism and the international coordination arrangements would be included in the national training curriculum for senior civil protection personnel.

Also as a follow-up to the Regional Lessons Learnt Conference held in Prague in February 2018, remaining Lessons Learnt Consultative Missions to Armenia and Belarus were conducted on 19-21 June 2018 and on 26-27 June 2018 respectively. As a result of these missions, agreement was reached with the key beneficiaries, namely the Ministry of Emergency Situations of Armenia and the Ministry of Emergency Situations of Belarus, to update their respective Civil Protection Country Profile before the end of the Programme. Missions’ reports are available in Annex 9.

### **Activity B.2 Capacity building through Table-Top Exercises (TTXs) on Host Nations Support (HNS)**

#### ▪ **Task B.2.1 Follow-up on the HNS TTXs organised in each Partner Country**

The draft of the Governmental Decree on “On Approving the Procedure for Arranging Civil Protection and Disaster Management in Emergencies”, and the draft of “Standard Operating Procedures for RA Commission, LEMA and HNS team” received from the Ministry of Emergency Situations of **Armenia** on 12 June 2018 were thoroughly analysed by the PPRD East 2 expert team. Consequently, comments and recommendations were provided in early July 2018. Both drafts are pending approval by the Parliament. Due to the recent political developments and changes in Armenia, the approval is not expected before February 2019.

In **Azerbaijan**, the national inter-ministerial working group on Host Nation Support was established and a new National Focal Point was appointed in September 2018. The establishment of the working group was followed by its inaugural meeting on 4 October 2018. At the meeting the PPRD East 2 proposed the approach also implemented in other Partner Countries – first to develop one single legal act covering the entire host nation support, and then to follow with a more technical and operational document, i.e. standard operating procedures. The working group acknowledged this approach and asked the Ministry of Emergency Situations to launch a legislative initiative to the President of the Republic of Azerbaijan. The meeting report and list of participants are attached as Annex 10.

The one single document regulating all host nation support procedures in **Belarus** should have been developed in the second half of 2018, but due to the internal reorganisation of the Ministry of Emergency Situations the development of this single document is postponed.

In **Georgia**, the Governmental Decree for “Developing rules of Host Nation Support Activities in the field of Civil Safety” is still awaiting adoption. The initial reasons for this delay were the internal revision process and the ongoing internal reform. Now, the adoption of the Governmental Decree is pending the adoption of the new national Law on Civil Protection which will enter into force on 01 January 2019.

In **Moldova**, where the Governmental Regulation on HNS and HNS Standard Operating Procedures (HNS SOP) are already in place, the host nation support activities focused on finalisation and adoption of the new Law “On exemption of taxes and legal fees connected to the entry/exit into/from the Republic of Moldova of international intervention teams/modules” which is still under the internal approval procedure.

Similarly, the draft host nation support legislative document, developed by the State Emergency Service of **Ukraine**, is undergoing internal approval procedure.

### 3.3. ACTIVITY AREA C

#### **Activity C.1 Further development of ERRA**

##### ▪ **Task C.1.1 Further improvement of ERRA**

In this reporting period the ERRA IT expert focused on the ERRA IT installations and their maintenance. The round of missions foreseen has been completed. The two main objectives of the ERRA IT missions were: to restore and make existing ERRA IT installations fully functional, and to provide the necessary training to the institutions hosting the installation on how to administer the system, upload the data, style the data and compile the metadata catalogue. In addition, each mission has additional country specific objectives. Missions to Armenia, Azerbaijan, Moldova and Ukraine have been completed with the following outcomes:

- In **Armenia**, the primary installation at the Ministry of Emergency Situations was restored as the old one had issues with files permission settings. The new version is now fully functional and the MES personnel has been trained on the administration of the system profiles. The second installation at the Institute of Geological Sciences of the Academy of Science was discussed and a remote installation will follow as soon as a new server for the purpose becomes available.
- In **Azerbaijan**, a system update jeopardised the old installation. A new installation was performed at the Ministry of Emergency Situations and tested as fully functional. A specific requirement was to migrate the datasets already present in the old installation to the new ones. Scripts to perform the migration were developed and tested. The old datasets were migrated to the new installation successfully and the system was equally successfully tested for the upload of new layers. Training on the administration of the system was performed. A second installation at the Institute of Geography was discussed and a remote installation will follow as soon as a new server becomes available.
- In **Moldova**, the installation at the General Inspectorate for Emergency Situations was not working properly and the access credentials were lost.<sup>9</sup> Due to the fact that the server in the General Inspectorate for Emergency Situations is a virtual one and managed by an external IT company, requests were made to the company to install an operating system compatible with ERRA. As soon as the operating system is installed, the ERRA installation will follow up remotely. Documentation about the ERRA installation, administration and use have been delivered to the General Inspectorate for Emergency Situations.
- In **Ukraine**, the old installation at the State Emergency Service was not accessible as the credentials were lost.<sup>10</sup> It was decided to proceed with a new installation. The new installation was completed and

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<sup>9</sup> This unfortunate situation was due to the change of the ERRA IT Focal point and to the mismanagement of the hand-over process. In order to prevent this from happening in the future, the Partner Country is strongly invited to update internal existing procedures.

<sup>10</sup> see reference 9.



tested with the State Emergency Service data and is now up and running. A training session for 10 experts was performed on administration and use of the ERRA system. A specific session focused on the interoperability of ERRA with their own GIS systems was also performed.

Mission reports are available in Annex 11.

- **Task C.1.2 Interoperability of ERRA [or using ERRA to visualise results of Early Warning Systems, as requested by Azerbaijan]**
  - Subtask C.1.2.2 Enhancement of ERRA interoperability

The work on linking European Flood Awareness System, European Forest Fire Information System, Global Disaster Alert and Coordination System, UNISDR - Global Assessment Report, and JRC INFORM platform to ERRA has been continued. The link to the Global Disaster Alert and Coordination System was renewed according to the new specifications of the Global Disaster Alert and Coordination System service and it is now part of the installation package of ERRA. The link is now working in all new installations of ERRA. The European Forest Fire Information System WMS links to ERRA was verified and tested on a new ERRA installation in Georgia, Armenia, Azerbaijan and Ukraine.

The password protected WMS-T from the European Flood Awareness System (or Global Flood Awareness System) was also tested but some issues regarding the authentication have been encountered. JRC was contacted in this respect but has not yet responded.

In the case of visualisation of the European Flood Awareness System on ERRA nodes, a formal agreement has to be concluded between JRC and the National Hydro-Meteorological Services, according to which the latter can receive European Flood Awareness System data and redistribute it to interested institutions, including on the ERRA national platform(s). This was discussed with key beneficiaries during the ERRA IT missions and PPRD East 2 experts remain available to provide any support needed.

### **Activity C.2 Improving national disaster loss data collection and processing**

- **Task C.2.3 Support for the implementation of a system for collection of Disaster Loss Data (DLD)**
  - Subtask C.2.3.1 Legal and institutional development of DLD system

**Armenia:** Consultative meeting on disaster loss data (and flood risk Management) was conducted on 23 June 2018. The main agreed activities are:

- a) In depth analysis of the current disaster loss data collection system in Armenia and elaboration of recommendation for alignment with the JRC Disaster Loss Data Sharing Guidance (2015) and the Sendai Monitoring Framework
- b) Analysis of new disaster loss data forms that are being developed by the Ministry of Emergency Situations, in order to align the forms with the JRC Disaster Loss Data Sharing Guidance (2015) and the Sendai Monitoring Framework
- c) Development of a Conceptual Framework for Disaster Loss Data collection system in Armenia

As per point a), PPRD East 2 analysed relevant legal acts and provided recommendations, as presented in the previous progress report.

The disaster loss data forms (point b)) are still to be received from the Ministry. At the 5<sup>th</sup> National Programme Coordinators' meeting held in October 2018 the National Programme Coordinator confirmed that the draft new forms are available and should be shared with the Programme. At the moment of writing this report, the forms have not yet been received.

As for the point c), PPRD East 2 developed the agreed upon Concept note (Annex 12). The Concept note takes also into account the outputs of the project "Improving Post-Disaster Damage Data Collection to Inform Decision Making" funded by the World Bank in 2018. The Concept note proposed a schema for disaster loss data collection at the national level as well as the logical flow of information from local level to

the upper central level. The note has been revised by the national Disaster Loss Data Focal Point and should be submitted afterwards to the Republican Commission for adoption.

**Georgia:** As UNDP Georgia is assisting the Emergency Management Service in the revision of the Disaster Loss Data Methodology, no technical assistance from the Programme has been required during the reporting period.

**Moldova:** During the reporting, the General Inspectorate for Emergency Situations was identified as the main institution responsible for the coordination of the collection and recording of disaster loss data. The identification of the role of other ministries, national agencies and local authorities is still on-going. The PPRD East 2 and the General Inspectorate for Emergency Situations experts jointly drafted the table for statistical database with updated indicators in line with the Sendai Framework, as the key amendment of the Decree of the Chief of Civil Protection and Emergency Situations Service n 139 of 4 September 2012 on the statistical record of emergency situations and their consequences in the Republic of Moldova. The remaining amendments are under development.

**Ukraine:** the definition of a set of national damage and loss indicators on the basis of the JRC-Disaster Loss Data Guidance (2015), as well as of the indicators included in the Sendai Framework Targets A, B, C, and D<sup>11</sup>, was completed based on Programme recommendations. Moreover, during the reporting period, the State Emergency Service was identified as the main institution responsible for the coordination of the collection and recording of disaster loss data. The identification of the role of other ministries, national agencies and local authorities is still on-going. The amendments for enabling the sharing of Disaster Loss Data at EU and International level according to JRC - Disaster Loss Data Guidance (2015) and Sendai indicators are under development by the State Emergency Service.

- Subtask C.2.3.2 Improving data accessibility and comparability at national, regional and European level

The PPRD East 2 Second Regional Workshop on Disaster Loss Data collection and processing was held in Kyiv, Ukraine on 24-25 July 2018. The agenda and workshop report are provided in Annex 13.

The aims of the workshop were:

- Share good practices on disaster loss data collection system from Member States and the achievements of Partner Countries in improving disaster loss data collection and processing system
- the Sendai Framework and sustainable development goals are strongly promoting and requesting countries to collect and report disaster loss data for monitoring the reduction of disaster impacts to the economy and communities. As the first reporting deadline was in March 2018, the workshop highlighted the challenges and opportunities on the reporting of Sendai Framework.
- As disaster loss data are a fundamental source of information for disaster risk assessment, the workshop demonstrated in practical sessions how disaster loss data can be used for disaster risk assessment and more specifically for improving the description of risk scenarios.

Taking into account the scope of the workshop, three representatives from each Partner Country participated, i.e. a disaster loss data expert, a Sendai Framework expert and a disaster risk assessment expert. A total of 18 experts attended the workshop.

The main conclusions of the workshop were identified on the basis of achieved results and feedback received from the participants and are the following:

- Participants highlighted the importance of continuous exchange with EU Member States' peers. The experience of the French system based on insurance received great attention and the

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<sup>11</sup> I.e. events registered in the database, criteria for recording the disaster damage and loss data, thresholds of the disaster damage and loss data.

participants asked PPRD East 2 to organize a study visit to France with the purpose to better understand the institutional organization of the system and the specific public-private partnership in the sector.

- Participants highlighted the need to continue to have technical exchanges among experts of the region also after the conclusion of the Programme. The workshop demonstrated the added value to exchange practices, experience and approaches among Partner Countries in this specific sector.
- Demonstration of the added value of using disaster loss data for disaster risk assessment was appreciated by the participants.

### 3.4. ACTIVITY AREA D

#### **Activity D.1 Review and Further development and implementation of the Communication Strategy**

##### ▪ **Task D.1.1 Revision and update of the PPRD East Communication Strategy**

The main focus continued to be on providing assistance for drafting National Communication Strategies for Raising Awareness about Disasters in those Partner Countries where the national inter-ministerial working groups are established and are active.

As stated in the previous report, in **Armenia** the development of the "National Strategy for Crisis Communication and Public Awareness in Emergency Situations" was suspended because, according to the Armenian Constitution, the Ministry of Emergency Situations does not have the mandate to draft and adopt secondary national legislation (e.g. the National Strategy), and this mandate can be given to the MES only after reforming the legal disaster risk management framework. Although the reform was originally planned to be finalised by November 2018, due to recent political changes in the country, the reform process has been delayed and is subject to the establishment of a new Government.

During the 5<sup>th</sup> National Programme Coordinators' held in 25 October 2016, **Belarus** announced that it re-considered its priorities and will not continue implementation of this Activity Area within the PPRD East 2 Programme.

Finally, in **Ukraine**, due to the lack of responsiveness of the National Focal Point for Raising Awareness about Disasters and notwithstanding the efforts of the National Programme Coordinator to establish contacts, no progress can be noted during this reporting period.

#### **Activity D.2 Collaboration with EU Delegations and coordination with other DRM initiatives in Partner Countries**

##### ▪ **Task D.2.1 Synergies with other DRM initiatives**

During this reporting period, the Programme continued cooperation with all EU and non-EU funded Programmes and Projects with which cooperation has been already established. As a way to further build synergies and avoid duplication and overlapping, the Programme continued inviting representatives of UN agencies, other international organisations, international and national NGOs, and national Red Cross/Red Crescent societies to Programme events. In addition, direct communication and exchange of experience was established with the EU-CHEM-REACT Project implemented by the International Centre for Chemical Safety and Security - PPRD East 2 participated at the International Kyiv-Warsaw Forum 'Developing cooperation in reducing chemical threats and enhancing chemical safety and security and voluntary fire service' organised on 17 August 2018 in Ukraine, and as observers at the field exercise organised on 25-28 September 2018 also in Ukraine. Programme also participated at the OSCE Round Table on the Protection of Critical Infrastructure and Furthering Chemical Safety and Security organised on 16 August 2018 in Ukraine, at the NATO EADRCC field exercise "Srbija 2018" in October 2018 in Serbia, and at the 2018 European Forum for Disaster Risk Reduction in November in Italy, and at the Alliance for Disaster Risk Reduction Project Steering Committee meeting in December 2018 in Armenia.

Cooperation was also established with the EU Neighbours East Project, who were looking for success stories of various EU-funded Programmes in the Eastern Neighbourhood as part of an overarching campaign 'Stronger Together' in the view of the 10<sup>th</sup> EaP Anniversary. As their next campaign, planned for spring 2019, will be devoted to women, PPRD East 2 team proposed Ms Hakobyan from Armenia, Ms Basalai from Belarus and Ms Chetaru from Moldova as prominent personalities to represent the PPRD East 2 achievements and success stories.

#### ▪ **Task D.2.2 Coordination with EU Delegations (EUDs)**

During the 8<sup>th</sup> reporting period, the PPRD East 2 team continued systematically to inform the EU Delegations (EUDs) about the Programme events organised in their respective countries. EUDs were of course systematically invited and the Programme has always offered to meet bilaterally. During the reporting period, mission debriefing meetings were held in Armenia and in Azerbaijan.

### **3.5. ACTIVITY AREA E**

#### **Activity E.1 Fostering volunteerism in DRM**

##### ▪ **Task E.1.1 Improving National Volunteer Systems**

###### ○ **Subtask E.1.1.3.1 Regional Joint Activities**

During the reporting period, the development of the short video - Public Service Announcement – continued. Following the requests of amendments and adjustments from the Contracting Authority, the video is being finalising at the moment of writing.

###### ○ **Subtask E.1.1.3.2 Armenia, Belarus, Moldova and Ukraine national activities**

The draft of the amended Law on Fire Safety which introduces the concept of volunteer fire-fighting units in **Belarus** was submitted to the Parliament for its approval. When approved, development of the consequent secondary laws - Governmental and Ministerial Decrees on civil protection volunteerism will be launched with the objective to be finalised within six months after the adoption by the Parliament of the Law on Fire Safety.

To promote the concept of civil protection volunteerism in **Moldova**, the General Inspectorate for Emergency Situations organised on 28 June 2018 a Round table meeting - Fostering Civil Protection Volunteerism in the Republic of Moldova. The draft "Regulation on the organization and functioning of volunteer activities within the Civil Protection and Emergency Situations Service" was introduced to and discussed by the participants. It was agreed that there is a need to further elaborate the Draft, however no plan for this process was set up nor agreed. On 26 June 2018, the Government of Moldova adopted Governmental regulation No. 595 which is to regulate volunteer activities at local level.

The situation in **Ukraine** has not changed compared to the previous reporting period. Despite the PPRD East 2 efforts, the National Programme Coordinator was not able to identify and appoint a National Focal Point for civil protection volunteerism who would be the link between PPRD East 2 and the existing SES working group that was created as part of the ongoing decentralization and reconstruction process of the national civil protection system. This means that the PPRD East 2 is not aware about activities that are possibly conducted by this working group and cannot provide any support to the ongoing developments in the area of civil protection volunteerism.

In **Armenia**, the Ministry of Emergency Situations decided to define the concept of civil protection volunteers in another institutional document - Law of rescue forces and rescuer status. Additionally, the draft Decree "Procedure and amount of State Compensation to Volunteer Rescuers for Leaving for Emergency Scene for a Term of up to 15 Business Days within a Calendar Year", to which the PPRD East 2 team contributed in form of expert advice and recommendations, was adopted by the Armenian Government on 22 February 2018 as Government Decree №\_186-N.

**Activity E.2 Ensuring Project Visibility**

▪ **Task E.2.1 Develop and implement Visibility Plan**

- Subtask E.2.1.2 Implement Visibility plan

During the reporting period, the Programme web portal continued posting on all planned and conducted activities, documents developed either by the Programme or by other relevant institutions. The Programme mailing list has now reached 1474 subscribers with confirmed (active) status. Below are some key statistics showing a constant trend in terms of numbers of PPRD East 2 website visits:

Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Jun 2018	6,243	15,971	203,443	353,679	14.88 GB
Jul 2018	6,117	19,111	227,436	350,041	12.41 GB
Aug 2018	4,213	16,568	212,651	312,329	11.50 GB
Sep 2018	4,019	14,705	138,782	238,076	11.97 GB
Oct 2018	5,082	18,921	192,030	302,735	11.02 GB
Nov 2018	5,353	17,381	158,040	264,776	10.40 GB
<b>Total</b>	<b>31,027</b>	<b>102,657</b>	<b>1,132,382</b>	<b>1,821,636</b>	<b>72.18 GB</b>

Figure 1: Programme website statistics since June-November 2018

The PPRD East 2 Facebook page continued to be regularly updated and provided almost real-time information on the Programme and Partner Countries activities and events as well as relevant ECHO Daily Flashes, ECHO Daily Maps and updates on EU Humanitarian Aid & CP issued by the Emergency Response Coordination Centre and other relevant entities. Despite repeated requests made by the Programme, direct links with the key beneficiaries from Azerbaijan, Georgia and Ukraine and the PPRD East 2 website could not be established yet.

During the reporting period, a seventh PPRD East 2 Newsletter was drafted, focusing on flood risk management as disaster risk management thematic topic. At the time of submission of the finalised version of this report, Newsletter #7 has been already disseminated ([http://pprdeast2.eu/wp-content/uploads/2019/02/PPRDEast2-Newsletter7.en\\_.pdf](http://pprdeast2.eu/wp-content/uploads/2019/02/PPRDEast2-Newsletter7.en_.pdf), [http://pprdeast2.eu/wp-content/uploads/2019/02/PPRDEast2-Newsletter7.ru\\_.pdf](http://pprdeast2.eu/wp-content/uploads/2019/02/PPRDEast2-Newsletter7.ru_.pdf)). ~~Revision of the text is still ongoing at the moment of writing.~~

**Activity E.3 Programme Management**

▪ **Task E.3.1 National Programme Coordinators’ meetings**

The 5<sup>th</sup> NPC meeting took place on 25 October 2018 in Brussels, Belgium. It served as an introductory meeting between new EC management and National Programme Coordinators, and as a technical preparatory meeting to the Steering Committee meetings scheduled the following day. At the meeting technical aspects of the Programme implementation in its previous year, as well as the activities to be implemented in 2018 and 2019 were discussed. It also provided the opportunity for the EC to discuss future disaster risk management cooperation in the region. The meeting report is attached as Annex 14.

▪ **Task E.3.2 Steering Committee meetings**

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The 4<sup>th</sup> Steering Committee meeting took place in Brussels on 26 October 2018 and was co-chaired by DG NEAR and DG ECHO. The meeting brought together Steering Committee members and National Programme Coordinators from all six Partner Countries, representatives from the European Commission, as well as representatives from the Participating States to the European Union Civil Protection Mechanism, from other EU-funded projects and initiatives, and from international organisations. The main objective of the meeting was to inform about the progress made by the Programme in 2017-2018 and on the main tasks and activities envisaged for the remaining implementation period.

At the meeting, continued dedication of the European Union to reinforce civil protection and disaster risk management capacities and capabilities of the EU Eastern Neighbourhood Countries was confirmed, emphasizing the need to increase the focus on disaster prevention and enhancing the legal framework in order to secure the sustainability. The co-chairs also stressed the importance of effectively using all the resources available within the PPRD East 2 Programme, as well as fulfilling the commitment to the selected objectives.

The meeting concluded with the acceptance of the work plan till the end of the Programme, the general acknowledgment and satisfaction for the progress made by the Partner Countries to date, and, finally, with the encouragement to keep the implementation momentum and to take full advantage of the Programme support till the end as well as of the other initiatives offered by the Union Civil Protection Mechanism. The meeting report is attached in Annex 15.

- **Task E.3.4 Programme Reporting**

The Progress Report #7 was submitted to the Contracting Authority on 29 June 2018.

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## 4. PLANNING FOR THE NEXT REPORTING PERIOD

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The planning for the next reporting period was done taking into consideration the existing Contract, i.e. the new end of Programme being 30 May 2019, thus, the next reporting period is considered as the final one.

### 4.1. ACTIVITY AREA A

#### Activity A.1 Capacity Building for the Implementation of the EU Floods Directive and for addressing flood prevention

Activities presented here aim at providing assistance to Partner Countries to enhance their flood risk management practice and to support them in their efforts to align their national legal and institutional setup to the EU Floods Directive.

- **Task A.1.1 Update on aligning national legislation to the EUFD in the EaP region**
  - Subtask A.1.1.3 Legal and Institutional Framework for FRM and aligning national legislation to EUFD

During the next reporting period, the PPRD East 2 experts will continue assisting Partner Countries to advance towards the achievements of two main objectives:

- 1) Transposition of the EU acquis and improvement of their national institutional framework for flood risk management based on the EU Floods Directive;
- 2) Improvement of their institutional flood risk management framework for in the context of transnational river basins.

Building upon the progress already achieved, we are proposing the following actions:

**Armenia:** The political instability and the national parliamentary elections (held on 09 December 2018) slowed down the implementation of the flood risk management activities in Armenia. As the Government is expected to be in place till the end of January 2019, PPRD East 2 will support the finalization of the Policy Brief for inclusions of the main principles of the EU Floods Directive into Armenian legislation, and specifically the Ministry of Emergency Situations during the Policy Brief endorsement consultations with the Ministry of Energy and Natural Resources, as the Ministry of Energy and Natural Resources is the national responsible authority for the alignment of national legislation to the EU Floods Directive in Armenia.

**Azerbaijan:** As a follow-up to the inaugural Flood Risk Management Working Group meeting held in Baku on 13 June 2018, the PPRD East 2 experts will review the Water Code n 418-IG of 26 December 1997 (already received) and the Rules for floods and mudflow management from 2000 (to be received from the National flood Risk Management Focal Point). Based on the review, the experts will draft a Policy Brief for the inclusion of the main provisions of the EU Floods Directive into Azeri national legislation. More specifically, PPRD East 2 will provide recommendations to the Flood Risk Management Working Group for amending the Water Code and for the revision of the Rules. The Policy Brief should be the guiding document for the Working Group to develop the regulatory acts on flood risk management in line with EU Floods Directive. PPRD East 2 is also ready to assist the Ministry of Emergency Situations in any further update of the *State Programme for prevention of floods and mudflows on the territory of the Republic of Azerbaijan (2016-2020)*.

**Georgia:** As the consultation process for the approval of the Water Code is in the final stage and the testing of the draft Methodology for Preliminary Risk Assessment has been successfully completed, PPRD East 2 will assist Georgia in developing the Methodology for Preliminary Flood Risk Assessment as the legal act. More specifically, and before the end of the Programme, the experts will provide technical and legal support to the Water Resources Management Service of the National Environmental Agency and to the Emergency Management Service of the Ministry of Internal Affairs in drafting a secondary law/regulation on the

Methodology for Preliminary Flood Risk Assessment based on the results of the testing conducted in the Rioni river basin.

**Moldova:** As soon as the new Flood Risk Management Focal Point is appointed, the Programme will provide support in re-establishing the national inter-institutional Flood Risk Management Working Group with the objective to finalise:

- the PPRD East 2 proposed amendments of the Regulation n.887 on Flood Risk Management for including time limits for Preliminary Flood Risk Assessment, Flood Hazard and Risk Mapping, and Flood Risk Management Plan;
- the definition of institutional flood risk management responsibilities in Moldova, which is crucial for the development of a Regulation on the clarification of flood risk management institutional framework in Moldova; and
- the official adoption of the Preliminary Flood Risk Assessment, and Flood Hazard and Risk Mapping at the country level (continuation of already started activity, agreed with the former Flood Risk Management Focal Point).

**Ukraine:** in the next reporting period PPRD East 2 will review of the Report on the Preliminary Flood Risk Assessment, as requested by the Ukrainian Hydro-meteorological Institute and the State Emergency Service. The review will result in recommendations on how to improve the current assessment and, as the assessment needs to be updated every three years, the future updates.

With reference to the second objective, focusing on the improvement of the institutional framework for **flood risk management of the trans-national river basins**<sup>12</sup>, the Programme team will continue to follow closely the process of establishment of the **Dniester River Basin Commission**, envisaged in the new Dniester Treaty and not established yet. The creation of the Commission will help initiate a direct dialogue among the main stakeholders on the finalization and endorsement/approval of the Flood Risk Management Protocol.

In this regard, the PPRD East 2 experts will continue the coordination with the Global Environment Facility programme to ensure the continuation of the activities for the promotion of the adoption of the Flood Risk Management Protocol and, in parallel, continue the support for the consultations among line-ministries of Ukraine and Moldova for the finalization of the Protocol.

Finally, with reference to the next **European Working Group on Floods**, the PPRD East 2 Programme is ready to support Partner Countries' participation and presentation of their achievements in flood risk management and approximation/alignment to the EU Floods Directive, if a request for such support is received and if it is feasible considering that the organisation of the next working group meeting and workshop is likely to overlap with the organisation of the PPRD East 2 Final Conference.

- **Task A.1. 3 Development of flood hazard maps and flood risk maps**

Georgia has successfully completed the implementation of the Preliminary Flood Risk Assessment in the test river basins. PPRD East 2 will continue providing remote technical assistance to Ukraine for testing the Preliminary Flood Risk Assessment Methodology in the Tisza river basin, as requested.

#### **Activity A.2 Development and/or further improvement of national risk assessments**

- **Task A.2.0 Improving legal and institutional framework on Disaster Risk Assessment (DRA)**

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<sup>12</sup> The Dniester River Basin (shared between Ukraine and Moldova) was selected as a pilot case based on discussions held with Partner Countries at the Regional EUFD Workshop and during the 2nd NAG/CAG meetings



The PPRD East 2 intends to continue assisting established inter-ministerial national working groups to further implement activities presented in the adjusted Work Plan 2016-2018 and review by-laws, regulations and procedures drafted by respective responsible institutions. After determining roles, responsibilities and risk data owners, establishing expert working groups for specific risks was also recommended as part of the process of setting up a sustainable disaster risk assessment system in the country. This should be included and described in the national Disaster Risk Assessment Guidelines. Implementation of all these activities highly depends on Partner Countries' readiness and commitment considering the time remaining for Programme implementation.

**Armenia:** next steps in the disaster risk assessment process, proposed by the Programme, have been provisionally accepted during the 5<sup>th</sup> National Programme Coordinators' meeting, conditioned on the country's commitment until the end of the Programme. PPRD East 2 is looking forward to receiving information on the next working group meeting and the steps taken in the meantime. In order to achieve sustainable results, that can be used to continue working on the disaster risk assessment after the end of the current Programme phase. The planned and recommended steps are to: identify key national risks, establish Single Risk Working Groups and draft national Disaster Risk Assessment Guidelines. The Programme offers assistance for implementation of all and any of these activities.

**Azerbaijan:** At the Disaster Risk Assessment Working Group meeting and at the 5<sup>th</sup> National Programme Coordinators' meeting next steps, proposed by the Programme, have been provisionally accepted by the key beneficiary, but without committing to any deadlines. In order to achieve sustainable results and create the ability to continue working on disaster risk assessment after the end the Programme, for the last reporting period PPRD East 2 offered assistance in hazard identification, in defining specific disaster risk assessment roles and responsibilities, and in drafting a Government decision with an aim to provide the legal framework for identifying key risks and drafting national Disaster Risk Assessment Guidelines.

**Georgia:** PPRD East 2 is ready to provide assistance in determining the accordance of the national disaster risk assessment process in place with the EU good practice - to review all relevant documents, and/or to guide/adjust the existing process, if requested and made possible by the National Programme Coordinator and the Disaster Risk Assessment Focal Point.

**Moldova:** The Programme is ready to facilitate the next Working Group meeting and to define next steps in the disaster risk assessment process, whether they are addressing the disaster risk assessment with national capacities solely or through outside financing i.e. a separate project as previously announced. Proposed and provisionally accepted steps after re-establishment and defining new roles and responsibilities are to draft a Project Proposal or to start drafting national Disaster Risk Assessment Guidelines.

**Ukraine:** The PPRD East 2 team intends to support the previously established Sectoral Risk Management Committee in developing a roadmap and any disaster risk assessment document upon decision of the key beneficiary. PPRD East 2 is also ready to review the new legislation, and especially different single risk assessment methodologies that were developed or are currently being developed, in order to assist Ukraine in the alignment of their disaster risk assessment legislation and practice to the EU Disaster Risk Assessment Guidelines and the EU good practice.

Depending on the country's commitment and request, PPRD East 2 is prepared to introduce the Committee and any and all future disaster risk assessment participants to the legislative framework needed for successful utilization of the National Platform for Disaster Risk Reduction in disaster risk assessment process, and to assist in further development of the presented legal framework.

### **Activity A.3 Provision of support for the improvement of countries' legislative framework and inter-institutional arrangements**

#### **▪ Task A.3.2 Support for recommendation uptake**

As a follow-up of the ERRA IT mission to Georgia, it is expected that the ERRA databases in both the Emergency Management Service and the National Environmental Agency installations will be populated.

As a consequence of the agreement reached during the mission, the metadata catalogue should be populated following the general INSPIRE implementation rules. In order to facilitate this process PPRD East 2 experts will continue to follow the database population remotely offering support to both the Emergency Management Service and the National Environmental Agency whenever needed. Specifically, PPRD East 2 will continue to support the National Environmental Agency in the preparation of the Preliminary Flood Risk Assessment hazard and risk data in accordance to the INSPIRE data model.

## 4.2. ACTIVITY AREA B

### **Activity B.1 Capacity building through CP trainings and exchange of information, expertise and best practice regarding the UCPM**

#### ▪ **Task B.1.1 Strengthening the Network of National Programme Coordinators and Operational 24/7 Contact Points**

During the final National/Country Advisory Group meetings, the opportunity will be taken to discuss and ascertain the results achieved in regard to the strengthening of the network of key officials in the Partner Countries through the series of training courses, table-top exercises, the full-scale field exercise, and the analysis of lessons learnt. Simultaneously, the Partner Countries are expected to provide updates to the descriptions of their civil protection organisations as included in the Country Profiles. This will aim to provide, at the end of the PPRD East 2 Programme, an up-to-date listing of the contact points for the operational 24/7 centres in each country as well as the organisational structures, which in most cases have undergone substantial changes since the first description was made in the Country Profiles in 2015.

#### ▪ **Task B.1.2 Capacity Building through Lessons Learnt (LL)**

As mentioned under point B.2, Partner Countries were encouraged to arrange national coordination workshops following the training-of-trainers workshop held in Denmark in July 2018. Further to the successful workshop held in Armenia, the national Workshop on Coordination of International Emergency Relief Operations is scheduled to take place in Azerbaijan on 10-11 December 2018, whereas the other four Partner Countries have been encouraged once more to arrange similar national workshops till the end of the Programme. Depending of the timing, PPRD East 2 experts will attend as resource persons to support the conduct of these workshops and respond to any questions that might arise.

### **Activity B.2 Capacity building through Table-Top Exercises (TTXs) on Host Nations Support (HNS)**

#### ▪ **Task B.2.1 Follow-up on the HNS TTXs organised in each Partner Country**

During the next reporting period, the PPRD East 2 team will continue the close cooperation with the National Focal Points and Host Nation Support Country Teams/inter-ministerial working groups to finalise the development and implementation of the host nation support legislation and host nation support standard operating procedures, in line with Partner Countries' national specifics and the EU HNS Guidelines. Particularly, the Programme experts will support:

- **Armenia, Georgia and Ukraine** in adoption of their legislative documents for host nation support;
- **Belarus** in the drafting of national host nation support legal document;
- **Azerbaijan** in the work of the newly established inter-ministerial host nation support working group, and respective development of the legislative framework. The next meeting of the host nation support working group is foreseen for the second half of January 2019;
- **Moldova** in adoption of the new Law "On exemption of taxes and legal fees connected to the entry/exit into/from the Republic of Moldova of international intervention teams/modules".

Additionally, in those Partner Countries that will finalise the development of their national host nation support legislation and/or host nation support standard operating procedures before February 2019, the

Programme will support the organisation of additional table-top exercise on host nation support, if the Partner Country so decides.

### 4.3. ACTIVITY AREA C

#### **Activity C.1 Further development of ERRAs**

##### ▪ **Task C.1.1 Further improvement of ERRAs**

During the next reporting period the focus will be on completing the ERRAs IT missions with the goal to have all ERRAs installations in Partner Country up and running with the local datasets properly uploaded and visible. This entails:

- the implementation of the mission to Belarus as soon as the Ministry of Emergency Situations secures the physical server to install ERRAs;
- the second installation at the National Environmental Agency in Georgia is initiated, but is pending PPRD East 2 to receive full remote access in order to complete the installation;
- the second installation to be done in Armenia, as soon as the Institute for Geological Science identifies a server for the installation and provides full remote access to the server to the ERRAs IT expert;
- the second installation to be done in Azerbaijan, as soon as the Institute for Geography identifies a server for the installation and provides full remote access to the server to the ERRAs IT expert;
- the installation at General Inspectorate for Emergency Situations in Moldova needs to be completed. For that, the outsourced IT company managing the virtual server needs to reinstall the operating system as requested. As soon as this is done, the ERRAs IT expert can proceed with the installation.

In addition to the above, the follow-up activities will ensure the provision of remote assistance to secure that the ERRAs databases are properly populated.

##### ▪ **Task C.1.2 Interoperability of ERRAs [or using ERRAs to visualise results of Early Warning Systems, as requested by Azerbaijan]**

- Subtask C.1.2.2 Enhancement of ERRAs interoperability

The configuration of the Web Mapping Services' links into ERRAs will be consolidated in all new installations in the Partner Countries also for the password protected services such as European Flood Awareness System and Global Flood Awareness System. If requested by the Partner Countries, the Programme will explore technical possibilities to link additional services to ERRAs.

As an example, Emergency Management Service of Georgia requested to link the NASA services for fire monitoring and the United States Geological Survey (USGS) services for monitoring earthquakes, with an aim to bridge-over the transition period while establishing the link with the Institute of Seismology in Georgia. The Web Mapping Services (WMS) from NASA and USGS have been tested on the central installation without problems and will be transferred to the Georgia ERRAs installation in the next reporting period. In addition, the interoperability with local GIS such as the one used in Ukraine have been supported and will continuously be supported through remote assistance.

#### **Activity C.2 Improving national disaster loss data (DLD) collection and processing**

##### ▪ **Task C.2.3 Further support to the implementation of a DLD collection system**

PPRD East 2 intends to provide further support to Partner Countries, at legal and institutional levels, to improve Disaster Loss Data accessibility and comparability at national, regional, and European levels, in line with the requirements of the Sendai Framework for Action and the European "Guidance for recording

*and sharing disaster damage and loss data – Towards the development of operational indicators to translate the Sendai Framework into action” (JRC DLD Guidance)<sup>13</sup>.*

- Subtask C.2.3.1 Legal and institutional development of DLD system

Till the end of the Programme, PPRD East 2 will continue to support Armenia, Georgia, Moldova and Ukraine in the achievements of the results described below for each Partner Country.

**Armenia:** Following the submission of recommendations for the Ministry of Emergency Situations to align the current legal framework with the JRC Disaster Loss Data Sharing Guidance (2015) and Sendai Monitoring Framework, the Programme is pending to receive the draft disaster loss data collection forms in order to undertake necessary adjustments. Further on, PPRD East 2 will continue supporting the Ministry in the finalization of the Conceptual Framework of Disaster Loss Data collection system in Armenia.

**Georgia:** PPRD East 2 will further assist the Disaster Loss Data Focal Point by aligning the methodology, currently being drafted by the UNDP Project, to the JRC Disaster Loss Data Guidance (2015) and the Sendai Framework.

**Moldova:** PPRD East 2 will support the General Inspectorate for Emergency Situations in the finalisation of the amendment(s) of the legislative act and during the endorsement of the amendments by the Working Group.

**Ukraine:** Similarly, as in Moldova, the alignment on the national disaster loss data collection system in Ukraine with JRC Disaster Loss Data Sharing Guidance (2015) and the Sendai Framework is at its final stage. PPRD East 2 will continue providing assistance to the State Emergency Service and the working group for the finalisation of the amendments of current legislation that will align the regulatory framework in Ukraine to the above mentioned JRC Disaster Loss Data Sharing Guidance (2015) and Sendai Framework.

- Subtask C.2.3.2 Improving data accessibility and comparability at national, regional and European levels

**European Disaster Loss Data Working Group** – PPRD East 2 is in direct contact with the European Working Group on Disaster Loss Data coordinated by DG ECHO, and will continue to promote the presentation of Partner Countries achievements in the development of disaster loss data national system to the Working Group.

#### **4.4. ACTIVITY AREA D**

##### **Activity D.1 Review and implementation of the Communication Strategy**

- **Task D.1.1 Revision and update of the PPRD East Communication Strategy**

When the on-going reform of the disaster risk management legislation of **Armenia** is finalised and the mandate to draft national level Communication Strategy is given to the Ministry of Emergency Situations, PPRD East 2 will support drafting of the National Strategy for Crisis Communication and Public Awareness in Emergency Situations.

In order to continue providing support to **Moldova**, the roles and responsibilities among the national stakeholders in the area of raising awareness about disasters need to be defined. When done, PPRD East 2 will support re-establishment of a new inter-ministerial working group for raising awareness about disasters and the drafting the national level Communication Strategy.

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<sup>13</sup> Guidance for recording and sharing disaster damage and loss data – Towards the development of operational indicators to translate the Sendai Framework into action: EU expert working group on disaster damage and loss data; European Commission, Joint Research Centre, Institute for the Protection and the Security of the Citizen, 2015, ISBN 978-92-79-47452-1, ISSN 1831-9424

In **Ukraine**, the focus will be on re-establishing regular working contacts with the National Focal Point, and on establishment of the inter-ministerial working group for raising awareness about disasters with an aim to launch the National Communication Strategy drafting process.

PPRD East 2 will also support **Azerbaijan** in establishing its national inter-ministerial working group which was originally planned to be set-up in September 2018.

- **Task D.1.2 National awareness raising campaigns on Disaster Risk Management (DRM)**

and

- **Task D.1.3 National media campaigns on DRM**

and

- **Task D.1.4 Awareness raising in schools**

- Subtask D.1.4.2 Development and implementation of school awareness raising

All these three activities were aimed to be developed and implemented as part of the implementation of the National Communication Strategies for Raising Awareness about Disasters (that are to be developed within the Task D.1.1). As such, the concrete forms and themes of the campaigns and awareness raising in schools should have been discussed and defined with the national authorities during the drafting process of the National Communication Strategies and respective Action Plans, also in close cooperation with other relevant national stakeholders.

However, as the development of the National Communication Strategies has not progressed as expected and taking into account the successful dissemination of the 'Family Guide for Emergency Preparedness and Response' during the Phase 1 of the Programme<sup>14</sup>, the expert team is considering re-producing and disseminating the Guide again, pending the acceptance of the Partner Countries.

#### **Activity D.2 Collaboration with the EU Delegations and coordination with other DRM initiatives in Partner Countries**

- **Task D.2.1 Synergies with the other DRM initiatives**

The PPRD East 2 team will continue to seek synergies with other civil protection, disaster risk management and disaster risk reduction related initiatives in the region and beyond to ensure proper information sharing and reducing the risk of duplication with other EU and non-EU funded projects.

- **Task D.2.2 Coordination with EU Delegations**

Excellent cooperation established with EUDs is expected to be further enhanced in the remaining implementation time. Official invitations have been sent to the six EUDs to participate at the last round of National/Country Advisory Group meetings and all six EU Ambassadors are invited to open the meetings in their respective country.

### **4.5. ACTIVITY AREA E**

#### **Activity E.1 Fostering volunteerism in DRM**

- **Task E.1.1 Improving the National Volunteer System**

- **Subtask E.1.1.3.1 Regional Joint Activities**

At the regional level, the PPRD East 2 team will focus on the finalisation of the raising awareness video to promote the civil protection volunteerism concept in the Partner Countries. This video will be developed as

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<sup>14</sup> [http://phase1.pprdeast2.eu/assets/files/Family%20guide/Serbian\\_Family\\_Guide\\_en.pdf](http://phase1.pprdeast2.eu/assets/files/Family%20guide/Serbian_Family_Guide_en.pdf)

the public service announcement in a form of 2D animation, maximum 1-1,5 minutes long. After its finalisation it will be distributed to all Partner Countries for further dissemination and their own use through their communication channels. At the same time, the civil protection volunteerism public service announcement will be also uploaded to the PPRD East 2 web site and Facebook page, and disseminated through the PPRD East 2 mailing list. The objective is twofold: to promote the civil protection volunteerism and therefore encourage the population to join civil protection volunteers' corps while also discouraging and reducing the phenomenon known as "spontaneous volunteerism".

o **Subtask E.1.1.3.2 Armenia, Belarus, Moldova and Ukraine national activities**

The PPRD East 2 experts will continue supporting Belarus, Moldova and Ukraine in the process of developing and implementing a legal and institutional framework for civil protection volunteerism, and in developing and refining the national databases of volunteers and volunteer organisations within civil protection activities.

In **Belarus**, this will include support in implementation of the Law amending the existing "Law on Fire Safety", and when adopted, in the development of the Governmental and Ministerial Decrees on civil protection volunteerism, and in support in the development and creation of the national database of civil protection volunteer organisations and a system for their certification and registration.

In **Moldova**, the main focus remains on supporting the finalisation, adoption and implementation of the "Regulation on the organization and functioning of volunteer activities within the Civil Protection and Emergency Situations Service", including the development of a database of these organisations and volunteers.

In **Ukraine**, the PPRD East 2 will continue to seek potential synergies between the existing State Emergency Service Working Group and the Programme by supporting and encouraging the National Programme Coordinator to identify the Civil Protection Volunteerism National Focal Point and to establish the link between the existing State Emergency Service Working Group and PPRD East 2.

Once **Armenia** finalises the draft of the Law of rescue forces and rescuer status, the PPRD East 2 experts will analyse it and will provide feedback and recommendations.

### **Activity E.2 Ensuring Project Visibility**

▪ **Task E.2.1 Develop and implement Visibility Plan**

o **Subtask E.2.1.2 Implement Visibility plan**

The implementation of the visibility and communication plan will continue, in close cooperation with the national civil protection authorities, Local Coordinators and EU Delegations - in particular for the dissemination of press releases (prepared and translated by the Programme).

The website and the Facebook page will continue to be regularly updated. The PPRD East 2 team will continue to try to establish a "direct" link between the websites with key beneficiaries from Azerbaijan, Georgia and Ukraine and the PPRD East 2 website.

A 7<sup>th</sup> edition of the PPRD East 2 Newsletter will be finalised and disseminated in the next reporting period, as well as the Programme Brochure presenting the overall Programme achievements.

Finally, during the next and final reporting period, in order to ensure knowledge sharing and capitalisation and maximise the dissemination and visibility of the Programme activities and achievements also after the Programme ends, PPRD East 2 proposes the implementation of the following actions:

- Secure the transfer and hand-over of all the information and material currently present on the Programme website to the Contracting Authority at the end of the Programme;
- Conceptualise, develop and disseminate through social media short Programme videos.

### **Activity E.3 Programme Management**

▪ **Task E.3.2 Steering Committee meetings**

The 5<sup>th</sup> Steering Committee meeting should be combined with the PPRD East 2 Final Conference, tentatively scheduled to take place in Brussels, Belgium on 28 March 2019. The proposed tentative timetable of the Conference is attached in Annex 16.

▪ **Task E.3.3 National Advisory Groups meetings**

The 5<sup>th</sup> and final round of NAG/CAG meetings in Partner Countries is scheduled for February and March 2019. Draft agendas of all six meetings are available in Annex 17.

▪ **Task E.3.4 Programme Reporting**

The Programme has to report to the European Commission every 6 months. The next progress report would be actually the Programme Final Report. As per ToR, the draft Final Report should be submitted one month before the end of the Programme, i.e. on 30 April 2019, to the Contracting Authority for commenting. The Final Report will be thus finalised in May 2019.

## **ANNEXES**

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**ANNEX 1 - RESOURCES UTILISATION UP TO THE REPORTING PERIOD**

**ANNEX 2 - LIST OF PPRD EAST 2 EVENTS' PARTICIPANTS**

**ANNEX 3 – ADDENDUM NO 2 TO SERVICE CONTRACT NO 2014/352-249**

**ANNEX 4 – POLICY BRIEF: PROPOSAL FOR APPROXIMATION OF EU FLOODS DIRECTIVE 2007/60/EU IN ARMENIA**

**ANNEX 5 – REVIEW OF THE STATE PROGRAMME FOR PREVENTION OF FLOODS AND MUDFLOWS IN THE TERRITORY OF THE REPUBLIC OF AZERBAIJAN**

**ANNEX 6 – EXAMPLE OF FLOOD HAZARD MAP, THE POPULATION VULNERABILITY MAP AND THE POPULATION RISK MAP FOR GEORGIA**

**ANNEX 7 – GENERAL TECHNICAL DESCRIPTION OF THE PRELIMINARY FLOOD RISK ASSESSMENT METHODOLOGY FOR GEORGIA**

**ANNEX 8 – REGIONAL WORKSHOP ON COORDINATION OF INTERNATIONAL EMERGENCY RELIEF OPERATIONS – REPORT, AGENDA, AND LIST OF PARTICIPANTS**

**ANNEX 9 – LESSONS LEARNED CONSULTATIVE MISSIONS TO ARMENIA AND BELARUS – MISSIONS' REPORTS**

**ANNEX 10 – HOST NATION SUPPORT WORKING GROUP MEETING IN AZERBAIJAN – REPORT AND LIST OF PARTICIPANTS**

**ANNEX 11 – ERRA IT MISSIONS TO ARMENIA, AZERBAIJAN, MOLDOVA AND UKRAINE – MISSIONS' REPORTS**

**ANNEX 12 – CONCEPT NOTE OF DISASTER LOSS DATA ACCOUNTING IN ARMENIA**

**ANNEX 13 – 2<sup>ND</sup> REGIONAL WORKSHOP ON DISASTER LOSS DATA – AGENDA AND REPORT**

**ANNEX 14 – 5<sup>TH</sup> NATIONAL PROGRAMME COORDINATORS' MEETING REPORT**

**ANNEX 15 – 4<sup>TH</sup> STEERING COMMITTEE MEETING REPORT**

**ANNEX 16 – FINAL CONFERENCE – PROPOSED TENTATIVE TIMETABLE**

**ANNEX 17 – FINAL ROUND OF NATIONAL/ADVISORY GROUP MEETINGS – DRAFT AGENDAS**