



# IPA DRAM

DISASTER RISK ASSESSMENT AND MAPPING IN THE WESTERN BALKANS AND TURKEY

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Risk-lab at Centre for Climate and Safety, Karlstad University, IPA DRAM Study-visit October 2017

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## Editorial

JANUARY UPDATE

Dear Reader,

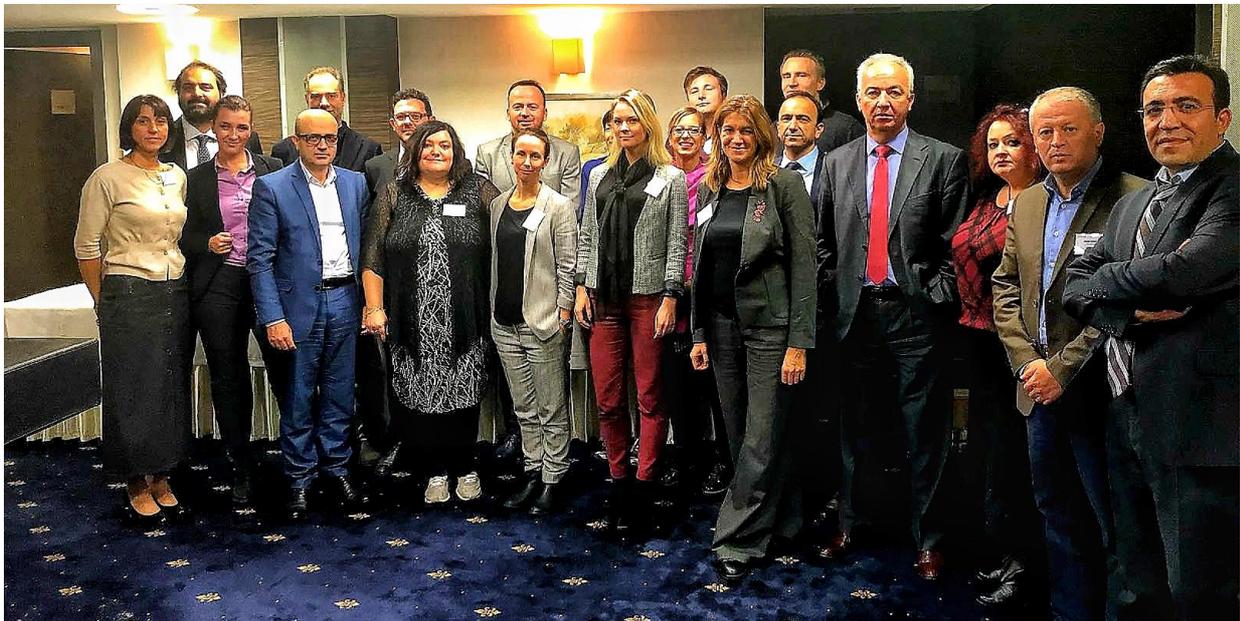
We are pleased to present the 3rd issue - and first of 2018 - of the IPA DRAM Newsletter which looks back on some of the activities taken place in the last quarter of 2017. This issue also marks the end of the development phase for the Pro-

gramme. Much has been accomplished so far thanks to the active participation of our partners and stakeholders. We are now getting into the implementation phase. In this edition the second Steering Committee meeting, the Study Visit to the MSB headquarters in Karlstad (Sweden) and the Plans of Action (POA) of our Partners. Moreover, also in this edition you will learn more about our next activities and relevant international publications issued on the topic of Disaster Risk Reduction (DRR).

Enjoy your reading!

On behalf of IPA DRAM Team

## STEERING COMMITTEE MEETING



The city of Sarajevo hosted the second IPA DRAM Steering Committee meeting on November 20 and 21. The meeting took place at the Hotel Europe and was organized with the kind support of the Ministry of Security of Bosnia and Herzegovina. It was the occasion to present, discuss and adopt the partner-specific plans of actions and to see possible regional commonalities and synergies to bring forward to the creation of the regional roadmap. It was held in connection with the Disaster Preparedness and Prevention Initiative for South Eastern

Europe DPPI regional meeting.

The main purpose of the meeting was to present the implemented activities during the programme period of the last six months, for partners to present their plans of actions and to discuss the proposed concept notes of the Electronic Regional Risk Atlas (ERRA) and the online platform.

The expected outcomes were to adopt the plans of actions, and the concepts of the ERRA and the online platform. Samir Agic, Assistant Minister at the Ministry of Security of Bosnia and

Herzegovina welcomed everyone to Sarajevo during his opening remarks. He expressed on behalf of Bosnia and Herzegovina his appreciation for the IPA DRAM programme as they have many problems yet to solve together



where IPA DRAM can assist and he praised the efforts being made by the IPA DRAM team.

**Biljana Zuber**, Programme manager of DG ECHO, gave updates from the European Commission and showed the 2017 report entitled "Interim evaluation of Union Civil Protec-

**Tiberiu Eugen Antofie**, Scientific officer of the Joint Research Center (JRC), presented a report entitled "Science for disaster risk management 2017: knowing better and losing less" as a contribution to the Science and Technology Roadmap of the Sendai Framework for Disaster Risk Reduction.

tion Mechanism", which highlighted the following:

- Prevention activities need to match current risks adequately
- The impact of prevention activities supported by UCPM should be increased
- Need for a more predictable preparedness model for European Emergency Response Capacity
- Need to develop a more efficient approach for training and exercise activities
- Importance of promoting consistent data and analysis to improve future response

Overall, the report emphasized the need to increase the Union Civil Protection Mechanism actions with the European Union and member states programmes and also, a need to ensure a continuous feedback loop to integrate lessons learnt into prevention, preparedness and response activities.

The volume is the result of the multi-sectorial and multi-disciplinary networking process and supports the integration of science into informed decision making through translating evidence for disaster risk management and strengthening the science-policy interface. It shows possibilities to strengthen society's resilience by using science and technology.

The scope of the report is divided conceptually into three distinct parts: understanding disaster risk, communicating disaster risk and managing disaster risk, forming the “bridge concept” of the report. The “Understanding disaster risk” part is covering risk assessment methodologies and examples in general, provides a comprehensive overview of hazard related risk

issues. The “Communicating disaster risk” part tackles many issues on communication in different phases of DRM among different actors and “Managing disaster risk” addresses the governance issues of the full disaster risk cycle.

## SCIENCE FOR DRM 2017: Knowing better and losing less

### Expectations at the conceptual level

<b>Title</b>	• <b>Science for DRM</b>
<b>Purpose</b>	• Reviews of the <b>scientific solutions</b> in DRM for <b>policy makers, practitioners and scientists.</b>
<b>Focus</b>	• <b>European contributions</b> , but on topics that can be global scale
<b>Scope</b>	• <b>Comprehensive</b> in scope but selective in topics covering understanding, communicating and managing disaster risk
<b>Message</b>	• <b>Knowing better and losing less</b>

The meeting in Sarajevo was the occasion to recap the activities carried out over the past months.

The IPA DRAM Team Leader, **Cvetka Tomin**, gave an overview of the main activities since the inception period to date, described the whole process and emphasized the importance of the joint development of partner-specific plans of action (PoA).

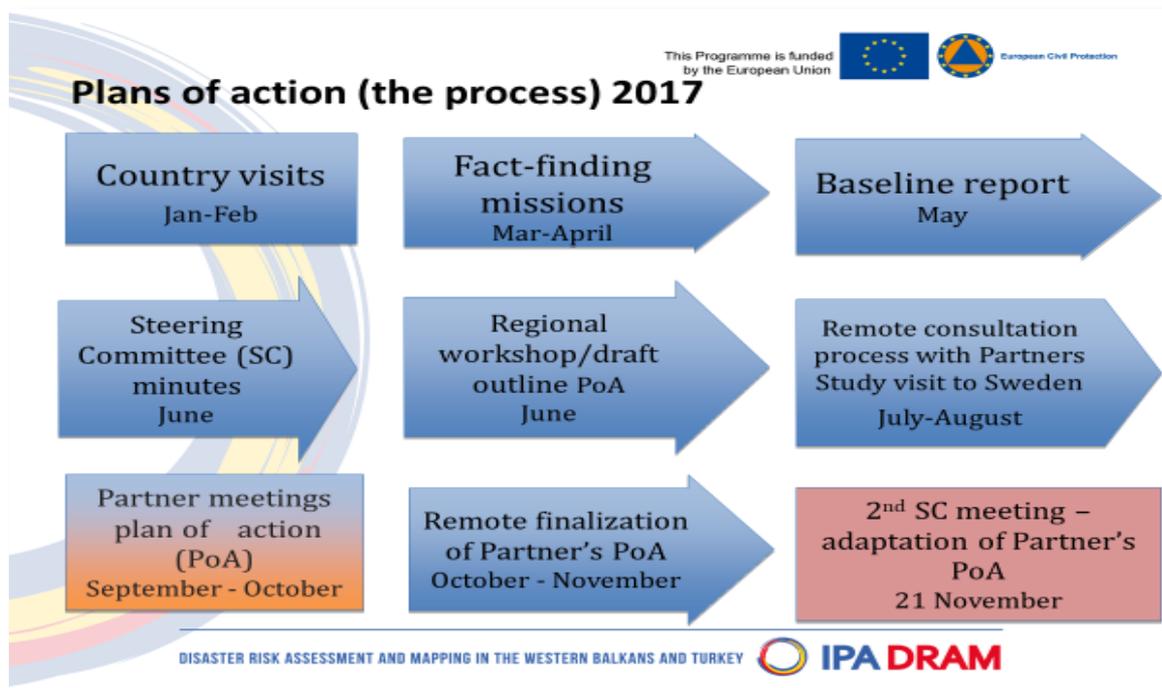
The partner-specific plans of action (PoA) that will guide the work during the programme with specified actions needed to develop and improve national and regional risk assessment and mapping, the disaster loss data collection, sharing and the use of the ERRA were developed and agreed in this chain of activities (see image below). The last part of Cvetka’s intervention

showed the path ahead of the Programme:

- Harmonization of IPA DRAM activity plan based on Partner's PoA
- Regional dimension /plan of activities
- Consultations with other inter-

national partners, programmes, activities

- from January to May 2018 the implementation of PoAs will be articulated through technical workshops with each Partner, following agreed priorities.



**Roberto Rudari**, IPA DRAM. Risk assessment key expert, presented outcomes from the 1st IPA DRAM Regional Workshop (June 2017).

As the Workshop was called “Leveling-up” – main objectives were to align partners to the concrete objectives of the EU-funded IPA DRAM Programme, to lay the foundation of common knowledge of EU and global frameworks (contributions by EC,

Joint Research Center (JRC) and UNISDR), to favour exchange of good practices between and among the EU member states and the Partner countries, to present the baseline report compiled as a result of the fact-finding missions and to start discussing the roadmaps and action plans to support the priority actions at regional and national level.



**Saša Leskovac**, PhD and expert advisor Agency for Gender Equality of the Ministry of Human Rights and Refugees of Bosnia and Herzegovina, talked about Good practice on gender mainstreaming in Disaster risk management. BiH has a legal framework (Law on gender equality) and institutional mechanisms for gender equality. They also have a gender action plan (2013-2019) to guide priorities and commitments.

Their national obligations are based on international agreements such as UNSCR 1325 on women, peace and security and the CEDAW (The Conven-

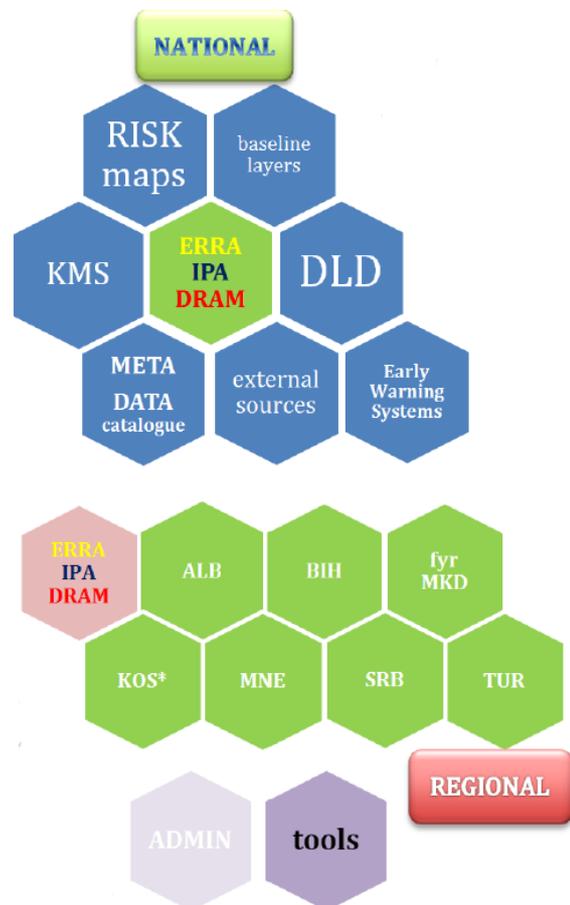
tion on the Elimination of all Forms of Discrimination Against Women) recommendations.

It was emphasized that gender equality integration in DRR activities is necessary to address the need of all citizens and acknowledge that men and women, boys and girls have different but mutually dependent roles in surviving natural disasters. In order to work effectively, measures should be tailored to the specific needs of all different groups of men and women, boys and girls – taking into account into account the layers of vulnerabilities such as age, ethnicity, religion etc.



developed with similar approach and for very similar geographical extent. This solution presents some changes to the ToR IPA DRAM but could provide a significant optimization in terms of time and funding, especially considering that the new version of the ERRA PPRD East II, which this software was expected to be built on, was not launched in May 2017.

**Stefania Traverso**, GIS Key expert, illustrated the Electronic Regional Risk Atlas (ERRA) concept. The portal applies the methodology of risk mapping in at least 3 main hazards, identified in the risk country-specific profile assessment component as the most relevant for the region, plus other ones with a more country-specific profile benefits to share data in a regional context to cope with cross-border disasters. ERRA would be built as comprehensive of different types of knowledge: risk maps, historical events, real-time data, metadata, documents be based on principles and approaches internationally accepted, allowing easy access and interoperability. The core idea is to develop the ERRA IPA DRAM as a platform with multiple sources, starting from reengineering the IPA FLOODS Flood Risk Information System that is brand new,



**Marco Massabo**, Disaster loss data expert, introduced the upcoming

project of an on-line platform, which, in accordance with the ToR, is to be developed as a tool to organize and share information and solid knowledge in DRR and Civil Protection.

However, there is already an existing tool in the region, seeKMS, which is hosted by the DPPI (developed in the framework of EU-funded project lead by UNISDR). In order not to duplicate and instead of developing a new platform, IPA DRAM team shared the proposal with the Partners - to propose to DPPI that IPA DRAM programme temporarily takes over the

management of the existing seeKMS to further upgrade and update the system and its content. It would also be connected to the ERRA. By the end of the programme, the platform would be given back to DPPI for their continued commitment to host the platform for sharing information.

## STUDY VISIT



On 3 and 4 October 2017, thirteen men and women working on strategic

and national expert level representing Ministries of Interior, Emergency

Management Agencies and the Partner countries of the Programme (Albania, Bosnia and Herzegovina, the Former Yugoslav Republic of Macedonia, Montenegro, Serbia, Kosovo\* and Turkey) participated to the IPA DRAM study visit to MSB in Karlstad, Sweden.

The aim of the two-day study visit was to increase the understanding and knowledge of the Swedish decentralized approaches to risk, vulnerability and capability assessments.

With this purpose, representatives and experts from Karlstad Municipality, The County Administrative Board of

Värmland and the Centre for Climate and Safety at Karlstad University were invited to contribute with different perspectives of the decentralized Disaster Risk Management perspective in Sweden.

The agenda included the Swedish system for risk assessment and mapping, risk and vulnerability analyses, awareness raising, land use planning, Sendai Framework and the EU Floods directive implementation, as well as crises preparedness planning on local, county and national level.



During the visit, a flood risk walk around Karlstad city was organized, to view the results of local flood man-

agement measures, guided by the Urban Architect of Karlstad municipality, Kerstin Berg.

At the end of the visit, the participants had the chance to express their evaluation on the purpose and themes of the visit. The majority of them (67%) was satisfied with the visit to a great extent.

The study-visit as being very well organized and useful; it provided valuable organizational insight and created input to partners' legislative and organizational processes as well as practical ideas for preventative measures.



## PLANS OF ACTION (PoA)

During this session, IPA DRAM experts gave an introduction to the PoA per component (Risk Assessment -RA, Disaster Loss Data collection - DLD and Risk Mapping - RM): Roberto Rudari (RA), Marco Massabo (DLD), Stefania Traverso (RM).

Each introductory presentation was followed by a *round-the-table* discussion with active participation of all IPA DRAM Partners.

IPA DRAM shared with all Partners ahead of the IPA DRAM SC meeting:

- Draft proposed Terms of Reference (ToR) for the IPA DRAM Working

Groups (WGs) to steer the implementation of IPA DRAM at national levels, together with IPA DRAM National Coordinators (NCs).

- Draft ToR for the WG shall be adjusted to the needs and the situation of and by Partners and finalized ToR, preferably with core members appointments, communicated to IPA DRAM Programme.

- IPA DRAM PoAs, discussed and coordinated with each Partner during the PoA missions and remotely through e-mail and phone exchange.

Among the comments by Partners:

- IPA DRAM is a more challenging/demanding programme than previous ones due to necessity for inter-institutional commitment and cooperation;
- Use of local experts should be en-

couraged.

- Emphasizing the importance of sustainability and therefore the importance of ownership in the national risk assessment process.

## SENDAI FRAMEWORK MONITORING PROCESS

From 6 to 8 December 2017, UNISDR organized a technical workshop to launch the Sendai Framework Monitoring Process in Bonn, Germany.

Participants learnt about the Sendai Framework Monitor System, which will be available in early 2018, including its data entry, analytical capabilities as well as levels of application (global, regional, national, local), and also learnt about the work currently being developed by several countries as they get ready to report on the progress in implementing the Sendai Framework, and the work carried out by relevant international and regional organizations to support Member States.

IPA DRAM Programme actively participated in the workshop through key expert and supported participation of two IPA DRAM Partner's representatives (from Serbia and Turkey), highlighting joint efforts to improve disaster loss data collection (DLD), one of core components of the Programme. Here is one of the reflections: "participation at the event had great value for our future work...Also, sharing the experience in work on Disaster Loss Data collection and its disaggregation, and within those activities done within the IPA DRAM Programme, showed other participants good practice".

## WHAT'S UP NEXT

Based on IPA DRAM work plan, the following core activities are planned for the next 6-months period:

**December 2017 – May 2018:** National

technical workshops (TW) on:

- regulatory/ operational procedures and national indicators for disaster loss data collection and recording in each

country to enable the sharing of loss data at regional, European and global level;

- Risk Assessment methodology and risk mapping - the workshop content to be based on the partner countries' progress towards fulfilling the Union Civil Protection legislation to conduct a national risk assessment and deliver a summary to the EC.

An overview of risks in the region in line with the Commission Overview of Risks will be drafted after finalization

**January - February 2018:** On-line platform: agreement between DPPI and IPA DRAM for the up-dates of seeKMS. Plan of activities and resources needed to be finalized in January 2018, implementation to start in February 2018. On-line platform will be integrated in ERRA.

**January – May 2018:** Electronic Re-

of the TWs and presented in the 3rd SC meeting.

These two TWs types of TW in each partner will be organized back-to back as NC and core WG members are the same participants, as well as IPA DRAM KE team.

Concept for TWs will be shared in January 2018.

gional Risk Atlas: There is general acceptance of ERRA concept, presented in the 2nd IPA DRAM SC meeting (Nov 2017); Sustainable solution for regional ERRA need to be agreed by February 2018 as this has an impact on planning of activities. Detailed planning of activities will be developed in January 2018.

We remind our readers and partners  
that in March 2018 we will take part to the  
European Civil Protection Forum in Brussels!

[http://ec.europa.eu/echo/partnerships/civil-protection-partners/civil-protection-forum\\_en](http://ec.europa.eu/echo/partnerships/civil-protection-partners/civil-protection-forum_en)