



**Building Resilience to Disasters in  
Western Balkans and Turkey**

# **UNISDR-WMO**

## **“Building Disaster Resilience in Western Balkans and Turkey”**

First Steering Committee Meeting  
Kras Congress Center, Zagreb  
30 August 2012

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## UNISDR-WMO

### “Building Disaster Resilience in Western Balkans and Turkey”

**Overall Objective:** To reduce vulnerability of IPA Beneficiaries to natural disasters, in line with the Hyogo Framework for Action (HFA), and increase their resilience to climate change.

**Project purpose:** To enhance the capacity of IPA Beneficiaries to address disaster risk reduction in both today's and the future predicted climate.

**Beneficiaries:** Albania, Bosnia and Herzegovina, Croatia, Montenegro, Serbia, Kosovo (under UNSCR 1244/99) the former Yugoslav Republic of Macedonia, and Turkey

**Implementing agencies:** UNISDR (4 tasks) WMO (4 tasks)

## UNISDR-WMO

### “Building Disaster Resilience in Western Balkans and Turkey”

- **Donor:** EC DG Enlargement – through the Instrument for Pre- Accession Assistance (IPA) under the Regional Multi-Beneficiary Programming 2011-2013: Sector: Environment and Disaster Risk Reduction.
- **Contributions:** 2,200,000 Euro (IPA); 390,000 Euro UNISDR and WMO contributions. Total budget 2,590,000 Euro
- **Implementation timeframe:** 21 May 2012 – 20 May 2014

## Consultation Process

### EC Consultation Mechanisms:

- **June 2010-4 Feb 2011:** National IPA Coordinators meetings, including consultations
- **October 2010:** Working group on Environment and DRR endorsement of project fiche priorities

### UNISDR with HFA Focal Points:

Discussion with HFA Focal Points of the beneficiary countries:

- **June 2010:** presentation on possibility of collaboration with the EC in the context of the inter-coordination and integration of DRR within the IPA multi-beneficiary 2011-2013 Environment and DRR
- **March 2011:** presentation of the four identified results within the IPA project fiche related to UNISDR at the DPPI SEE Regional Meeting

### WMO with NMHSs and project partners:

- **March 2011:** consultation and coordination of the second phase during the final meeting of the DRR/SEE Project (Phase 1)
- Coordination and consultation with the project partners: European Severe Storms Laboratory (ESSL); National Meteorological Administration of Romania; Drought Management Centre (DMC/SEE); Regional Instrument Centre (RIC); SEE Virtual Climate Change Centre (SEEVCCC); EUMETSAT; EUMETNET and ECMWF
- Consultation with the Directors of NMHSs during the sessions of the Informal Conference of the Directors of NMHSs of SEE countries (ICSEED) (sessions in 2010 and 2011).

**EC Approval of the Project Fiche 18 July 2011**

**EC-UNISDR Financial Agreement 21 May 2012**

## Task 1: Enhanced regional institutional capacity and coordination in disaster risk reduction and climate change adaptation measures.

- 1.1. Enhanced DRR knowledge: officers who have responsibilities in their institutions on issues related to DRR acquired relevant knowledge in the areas of climate change adaptation and risk reduction through their engagement in an exchange with their peers in EU selected countries.
  - 1.1.1 Organization of peer exchange tour for 2 participants for each IPA beneficiary with selected EU countries.
  - 1.1.2 Development of a final report of the peers' exchange.
- 1.2. Improved institutional DRR capacity and coordination at regional level, as result of participation of IPA beneficiaries to the peers' exchange
  - 1.2.1 Organization of a session in an existing regional meeting (such as DPPI SEE Regional Meetings) to present the outcomes of the peers' exchange and impact on their institutions.

## Task 2: Strengthen the regional capacity and cooperation towards data and knowledge sharing on risks. – UNISDR

- 2.1. Enhanced DRR Knowledge sharing capacity: a Knowledge Management System (KMS) consisting of a web-accessible database of national and regional information will be developed and hosted by DPPI SEE.
  - 2.1.1 Development of a KMS consisting of a web-accessible database of national and regional information specific to disaster risk reduction, including regional experts' contacts and resource material. The interface shall be in multiple languages.
  - 2.1.2 Consolidation of relevant information and publication and other content to be included in the KMS taking into account the DRR material developed nationally, regionally and internationally in the last 10 years.
- 2.2. Increased participation in knowledge sharing: development of guidelines on the use of the KMS and capacity building of relevant officers on its use and functions.
  - 2.2.1 Preparation of training guidelines on the use of the KMS to be shared with IPA beneficiaries countries

## Task 7: Insurance and reinsurance products for disaster risk transfer are promoted among the IPA beneficiaries in collaboration with the private sector, the World Bank and Europa Re.

- 7.1 Enhanced capacities of beneficiary countries to promote the penetration of insurance products for disaster risk transfer.
  - 7.1.1. Develop a training package (in local languages) for insurance agents that would promote Europa Re insurance products in IPA beneficiaries participating in Europa Re program.
  - 7.1.2. Organization of training sessions for insurers and insurance agents participating in Europa Re programme
- 7.2 Increased public awareness on tools available to mitigate the risk of disasters through insurance products available for homeowners and SMEs.
  - 7.2.1. Design and print out flyers, brochures and other hand-out materials (in local languages) on Europa Re Program and products.
  - 7.2.2 Prepare a promotional video clip in local languages for Europa Re insurance products;
- 7.3 Enhanced disaster insurance visibility through a regional conference on disaster risk transfer options and the services available through Europa Re.
  - 7.3.1 Organize the 2nd Regional Europa Re Insurance Conference dedicated to the launch of Europa Re's operations – in IPA countries

## Task 8: Increased public awareness on disaster risk reduction.

- 8.1. Enhanced knowledge on DRR among local governmental officers and mayors
  - 8.1.1 Implementation of the "Making Cities Resilient: My City Is Getting Ready" in IPA beneficiaries (support for local launching of the campaign)
  - 8.1.2 Development of brochure, flyers and other communication/visibility material to be published on web social networks and PreventionWeb
  - 8.1.3 Support mayors and LGUs representatives to attend main event on reducing urban risks regionally and internationally.
  - 8.1.4 Organization of a press conference with high level representatives and community representatives on awareness of community based DRR interventions for Western Balkans and Turkey.
  
- 8.2. Increased knowledge on communication and DRR
  - 8.2.1 Development of a compendium of good practices in urban risk reduction from the experiences of cities in IPA beneficiaries.
  - 8.2.2 Translation of relevant DRR materials into local languages and dissemination.



## Task 3: Enhanced regional risk assessment capacities through improved capabilities of beneficiaries in hazard analysis and mapping

### 3.1 Historical meteorological and climate data rescue (DARE) and enhancement of Climate Data Management Systems (CDMS)

- 3.1.1 Assessment of beneficiaries' needs for DARE and CDMS
- 3.1.2 Assist NMHSs in digitizing meteorological variables available on paper and archiving on electronic media per standards aligned with WMO and EU requirements

### 3.2 Enhancing hydro-meteorological data quality, homogenization and standardization

- 3.2.1 A Regional workshop on historic hydrometeorological data management with specific modules on hydrometeorological data quality assurance, homogenization and standardization

### 3.3 Drought hazard analysis and mapping

- 3.3.1 Training on Drought Hazard Analysis and Mapping

### 3.4 Sava River pilot project on flood hazard

- 3.4.1: Enhancing hydrological data management and exchange procedures
- 3.4.2: Flood losses assessment tool

## Task 4: Enhanced capacity of IPA Beneficiaries to prepare and deliver accurate and timely warnings for hazardous meteorological and hydrological phenomena

### 4.1 Enhancement of severe weather forecasting capabilities of IPA beneficiaries in support of Early Warning Systems: advanced training for meteorological forecasters required for 24/7 operations

- 4.1.1 On-the-job training at suitable operational centre (Romania) for forecasters from IPA beneficiaries
- 4.1.2 Participation of experts from IPA beneficiaries in the European severe weather forecasting test-bed in collaboration with the European Severe Storm Laboratory (ESSL)
- 4.1.3 Upgrade of the EUMETCast stations at ALB, BIH, MKD, MNE and Kosovo (under UNSCR 1244/99) that have been installed during IPA 2008 Action (the so called DAWBEE stations) and training of NMHSs staff in using the advanced tools for severe weather forecasting

### 4.2 Advanced training for hydrological forecasters

- 4.2.1 Regional training workshop on integrated flood management and flood forecasting

### 4.3 Enhancement of the cross-border exchange of data and information in support of EWS

- 4.3.1 Continuation of integration of IPA countries to Meteoalarm

### 4.4 Building capacity for quality assurance of products and services provided in support of DRR, including quality management system (QMS)

- 4.4.1 Regional training in Quality Management Systems (QMS) and their application in activities related to DRR

### 4.5 Resolving deficiencies related to quality of observational data (calibration and maintenance of instruments)

- 4.5.1 Improving hydrometeorological data quality

## Task 5: Improved capacity of the NMHSs of IPA beneficiaries in the provision of information to support climate change adaptation and climate risk management

### 5.1 Enhancing capacity in drought risk management

- 5.1.1 Strengthening the role and operation of the Drought Management Centre for South-East Europe (DMC/SEE Ljubljana, Slovenia)

### 5.2 Strengthening capacity of IPA beneficiaries in providing long-range forecasts and related climate services

- 5.2.1 Organisation of regular sessions of the South-East Europe Climate Outlook Forum (SEECOF)
- 5.2.2 Regional training workshop in the use and interpretation of long-range forecasts, climate watch related aspects, and climate scenarios in application to various user sectors
- 5.2.3 Development of platform for provision of climate services in collaboration with the SEEVCCC, including: implementation of user-friendly web pages for climate service access including user feedback functions, provision of contact information, provision of methodology information, etc.

### 5.3 Developing capacity in services for the insurance sector

- 5.3.1 Regional training on the role of NMHSs in support of activities in the field of insurance

## Task 6: A design for a seamless regional Multi-Hazard Early Warning System (MHEWS) developed and promoted for adoption at national and regional level, with proper consideration of the existing specific needs and situation in the Western Balkans and Turkey

### 6.1 Assessment and gap analysis of the existing national Early Warning Systems

- 6.1.1 Gap analysis

### 6.2 Preparation of a technical design document describing a seamless regional Multi-Hazard Early Warning System, encompassing optimized monitoring networks, forecasting facilities, telecommunications, institutional and procedural aspects, human resources

- 6.2.1 Establishment of Design Team
- 6.2.2 Regional meeting on institutional collaboration in MHEWS
- 6.2.3 Regional forum to present the design document and promote it for adoption at national and regional level
- 6.2.4 Assistance to the Informal Conference of South-east European Directors (ICSEED) of NMHSs

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