



Government of
Serbia Office for
Reconstruction and
Flood Relief

DISASTER RISK AND CRISIS MANAGEMENT



LESSONS LEARNED – POLICY INNOVATION



In 7 MONTHS



REPUBLIC OF SERBIA NEEDS TO:

- **Develop a systemic approach** towards risk management and reduction
- Undertake activities and measures on **strengthening prevention**
- Plan and implement **investments based on** understanding risk
- Ensure the highest possible level of **protection of lives and assets** from new floods and other natural disasters
- **Reduce risk and damages** of natural disasters

National Disaster Risk Management Program
Adopted by the Government in December 2014

POLICY INNOVATION – 1st STEP



NATIONAL DRM PROGRAM:

- The objective is to support the Government of Serbia to build a **comprehensive program for disaster resilience**.
- Program used as an **umbrella framework** to **coordinate, channel funds, and implement activities** related to reducing and managing risks in Serbia.
- Program relies on **improving coordination of activities between existing structures** within the Government.

National Disaster Risk Management Program
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NDRM PROGRAM STRUCTURE



Steering
Committee

Donors
and
Ministers

NATIONAL DISASTER RISK MANAGEMENT PROGRAM

Facilitating the
establishment
of the
Program
Flood Office

Technical
support

Donors
UN (UNDP)
World Bank

Component 1 - Institutional Building
Across component 2-5

Component 2
Risk
Identification

Component 3
Risk Reduction
structural and
non-structural

Component 4
Preparedness
Response,
EWS

Component 5
Risk Financing
Strategies

Component 6
Resilient
Recovery

National Institutions Implementing Activities

POLICY INNOVATIONS - DRCM



NDRPM

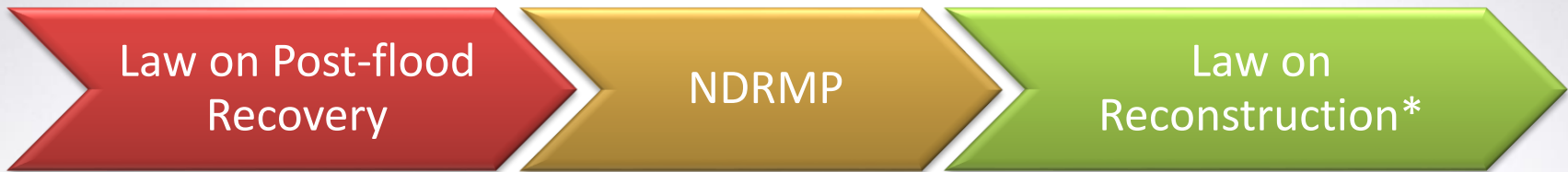
Disaster Risk and Crisis
Management Law*

Action
Plan*

- **New legislative framework developed with support of EU, UN and WB**
- **Systemic approach to the DRCM and recovery process: prevention-response-reconstruction**
- **Key innovations based on global best practices and lessons learned:**
 - Establishment of a new national authority for DRCM
 - Prevention based on: Risk Assessments - Risk Reduction and Management Plans
 - Identification of: Areas of increased risk (National authority has the right to restrict/forbid certain activities) and Areas of immediate risk (any activity must be specifically allowed by the Authority, given the very high level of risk)
 - Establishment of a Risk Registry: electronic database for sharing of all information relevant to prevention, risk reduction and response
 - Response based on Rescue and Protection Plans

***Serbia aims to be the first country in the world with legislation fully aligned with Sendai Framework**

POLICY INNOVATIONS - RECONSTRUCTION



- Permanent legislation based on the 2014 post-flood recovery *lex specialis* and lessons learned
- Law regulates eligibility criteria for assistance and prescribes procedures for claims
- Additionally: Changes introduced in Public Procurement Law to allow for prompt reaction and timely procurement in periods of emergencies

***Serbia aims to be the first country in the world with legislation fully aligned with Sendai Framework**

FINANCIAL PROTECTION MECHANISMS initiated by the Government of Serbia:

- Preparation of a catastrophe deferred drawdown option (**Cat DDO**) with support of World Bank
- Promotion of catastrophe insurance for individuals and activities for boosting private insurance sales under way
- Analysis of various **budget protection mechanisms** with Europa RE ongoing



So far **70 million EUR** raised
for capacity building of the
disaster risk and crisis
management system

NEW STRUCTURE - EMBAKMENTS



SMEDEREVSKA PALANKA

EUR 1.48 million

SOMBOR I BAČKA PALANKA

EUR 1.6 million

ŠABAC I BOGATIĆ

EUR 10 million

VALJEVO

EUR 2.8 million

RAŠKA

EUR 1.3 million

NOVI PAZAR

EUR 1.8 million

SVILAJNAC

EUR 3 million

PARAĆIN

EUR 2.7 million

NEGOTIN

EUR 1.13 million

Niš

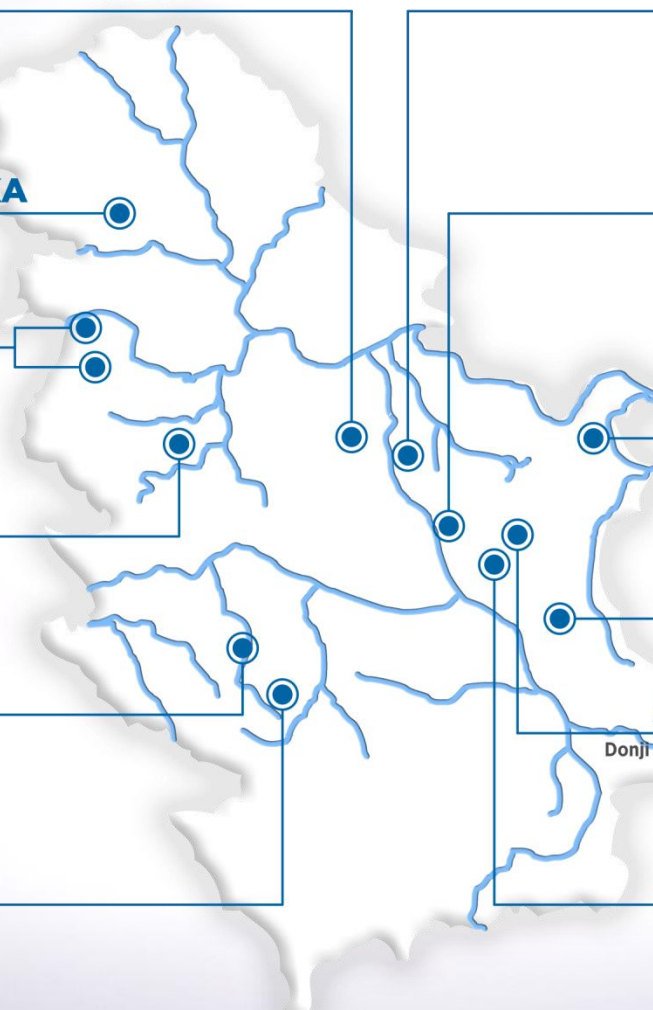
EUR 2.8 million

ALEKSINAC

Donji ljubeš - EUR 2.3 million

ALEKSINAC

EUR 1.4 million



PROJECT ALSO INCLUDES



EUR 4.18 million

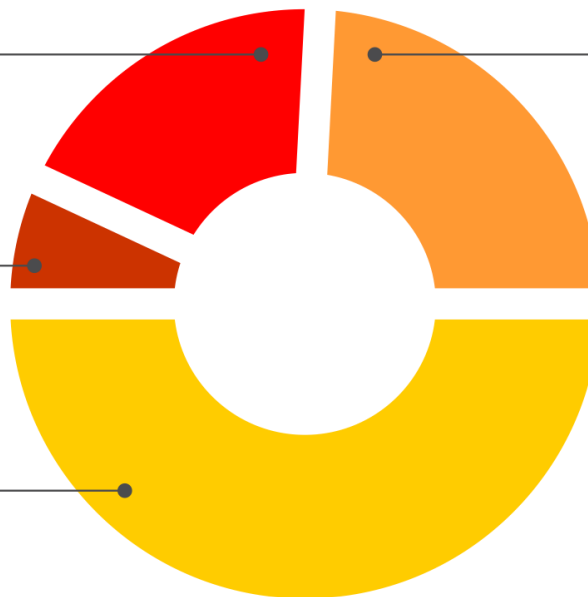
- Purchase of mobile flood protection equipment

EUR 740,000

- Purchase of equipment for response in emergency situations

EUR 9.27 million

- Cleaning of drainage systems



EUR 6 million

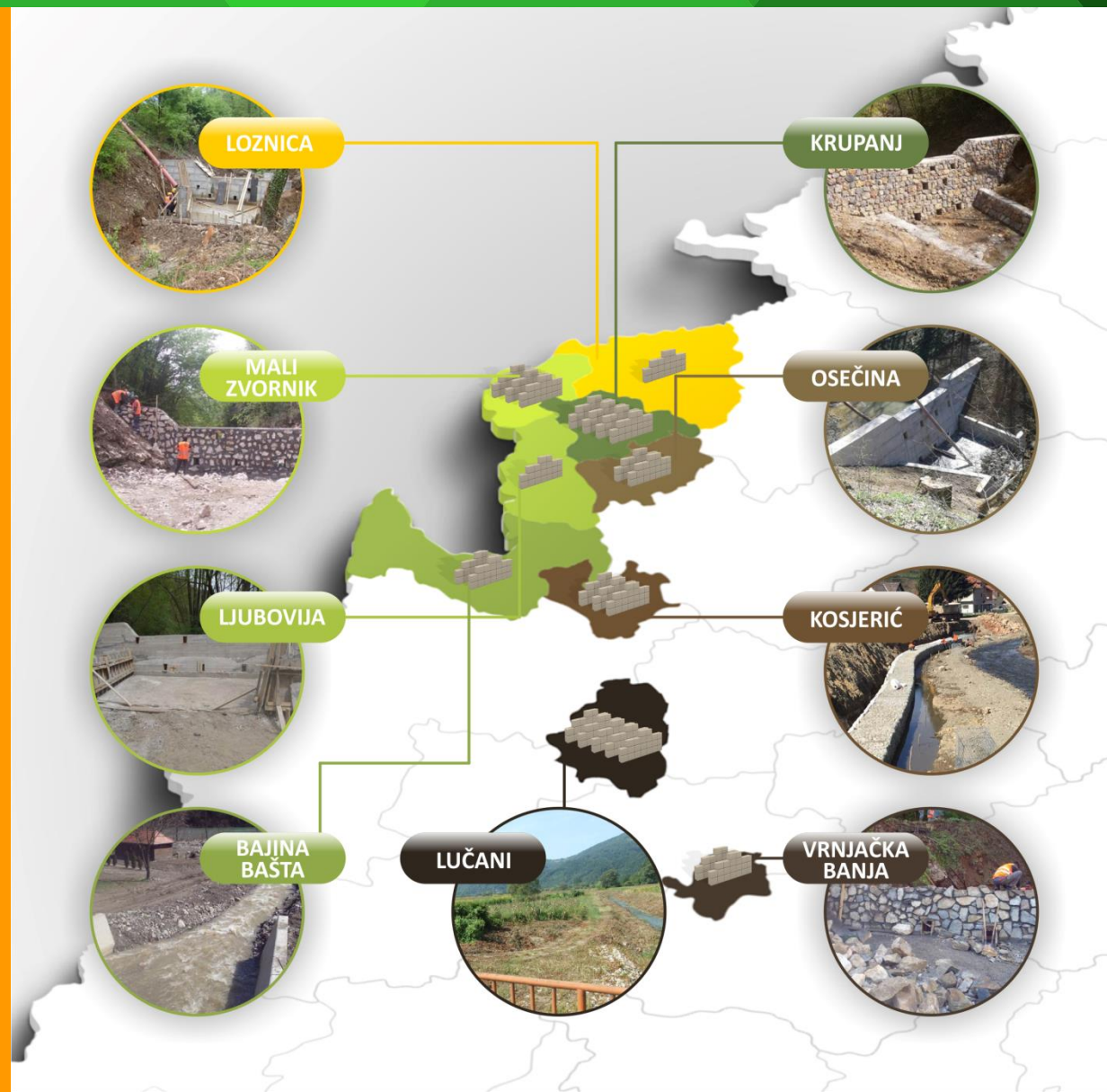
- Development of **FLOOD RISK MAPS** for areas not yet covered
- Improvement of water information system
- Improvement of **EARLY WARNING** system

CONSTRUCTION OF TORRENTIAL DAMS



29
NEW
TORRENTIAL
DAMS

constructed in
2015



LANDSLIDE CADASTRE



30%

of the territory
of Serbia

is under the
risk of landslides.

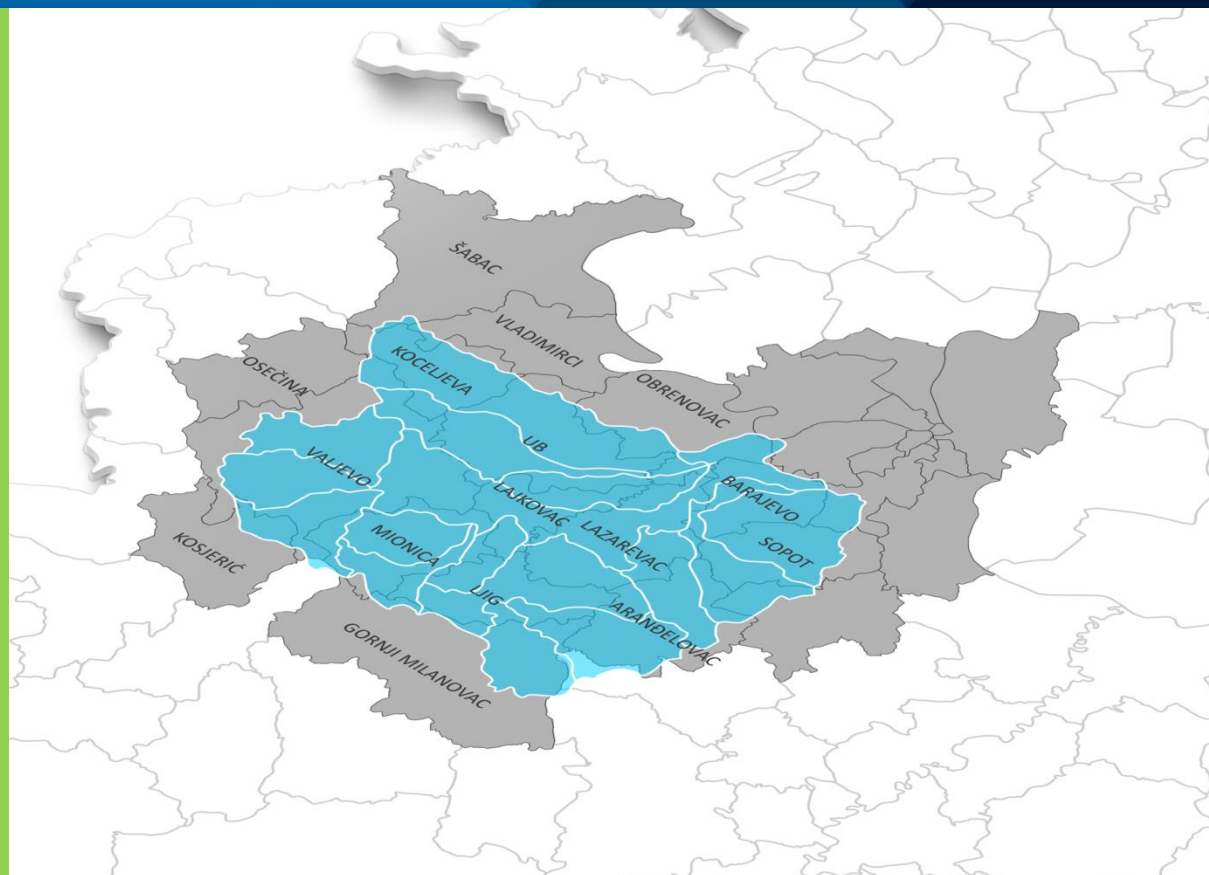


STUDY OF FLOOD PROTECTION IN KOLUBARA RIVER BASIN



KOLUBARA RIVER BASIN IN
MAY 2014 SUSTAINED
DAMAGE OF OVER

900
Million
EUR



The study will be used to improve safety of citizens and property in this part of Serbia.

RECOGNITION



- The EU support to floods in Serbia has been highlighted as **one of the best EU funded projects** for results.
- It is one of the 518 selected projects funded by the EU Budget. The project results focus on improving the lives of people in Europe and everywhere in the world.
- *“We recognise the great job done in response to the floods in Serbia, the excellent collective work and the great results that you achieved on the ground”*



NEXT STEP - REGIONAL DISASTER CENTER?



- All efforts by individual nations and development partners are good, but prove to be insufficient
- Setting up the **Regional Disaster Center** with the role to promote:
 - Trans boundary (cross border) and regional cooperation on risk mitigation and prevention, early warning procedures,
 - Disaster response,
 - Damage remediation and rehabilitation through harmonization of the risk policies, consolidation of the risk response procedures,
 - Education and sharing of know-how and skills,
 - Raising public awareness on the potential risks of disasters, including slow onset disasters, community-based DRR and
 - Use and development of new technologies, contributing such to a wide scale of social and economic issues by promoting international cooperation and providing long term sustainability.
 - RDC would cooperate and coordinate its activities with regional governments, institutions and organizations, as well as with other respective national and international initiatives, international organizations and financial institutions (Sava Commission, Danube Commission, ICPDR, Cross-border cooperation programs, Regional initiatives and national Programs, UN agencies, OSCE, EBRD, EIB, WB...)

A photograph of a construction site for a riverbank reinforcement. In the foreground, a river flows through a channel lined with large, light-colored stones. The opposite bank is a steep, sandy embankment. In the background, a yellow excavator is working on a flat, sandy area, and a person is standing nearby. The sky is clear and blue. The image is framed by a blue geometric pattern at the top and a red/orange geometric pattern at the bottom.

THANK YOU