



SERBIA

Total population: 7,186,862

Area: 88,361 km²

Capital: Belgrade



WORLD RECONSTRUCTION CONFERENCE 4

14 MAY 2019

GENEVA



May 2014



May 2014



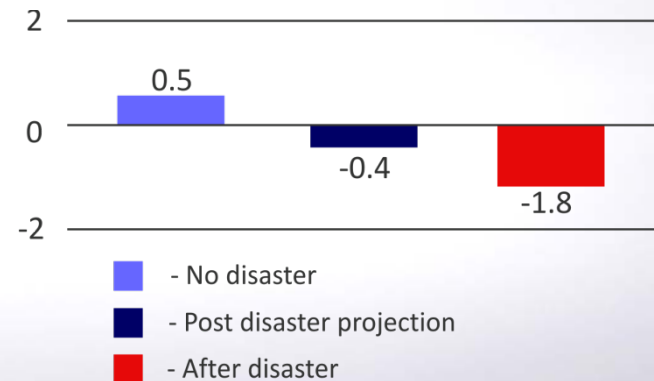
May 2014



Floods 2014

- Floods affected **119 municipalities** (out of 165)
- **22% of total population** affected by floods
- **More than 30 municipalities** sustained extensive damage
- **57 lives** were lost
- **32,000 families** were forced out of their homes
- Production of electricity decreased by 25%, due to the flooding of an open-pit coal mine, a key source of lignite-based power generation
- The disaster caused a **recession** in the Serbian economy
- Serbian **economy contracted by 1.8%** in 2014, instead of growing by 0.5% as was previously projected

IMPACT OF DISASTER ON SERBIA GDP GROWTH RATE IN 2014





Facts About the Consequences

- Total estimated damages exceed **EUR 1 billion**
- Total disaster effects (including losses)
4.8% of GDP (EUR 1.7 billion)
- Total needs for recovery and reconstruction are estimated at
EUR 1.35 billion
- Estimates are based on the **Post Disaster Needs Assessment** implemented by the Government of Serbia with the assistance of the WB, UN and EU

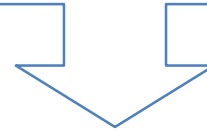




Government Response

No adequate system was in place to respond to overwhelming needs in a coordinated fashion

Office for Reconstruction and Flood Relief was established in the midst of floods as an **operative (not political) national authority** for relief and recovery



**Drafting a new set of rules,
law and bylaws**

RECOVERY PROCESS – RECOVERY FRAMEWORK



Over the past years Serbia and its partners invested considerable resources into the recovery of:



DESTROYED AND
DAMAGED HOUSES



FLOOD PROTECTION
INFRASTRUCTURE



TRANSPORT
INFRASTRUCTURE



PUBLIC BUILDINGS



POWER PRODUCTION
AND DISTRIBUTION
FACILITIES



CRITICAL LOCAL
INFRASTRUCTURE



AGRICULTURE



SMEs

RESILIENT RECONSTRUCTION - HOUSES



266 houses newly built with BBB

All newly-built houses retrofitted, built on risk-informed principle and situated outside of flood risk zones and landslides.

PUBLIC BUILDINGS – BBB implemented



Elementary school Kalinovac - UB



Health center Divci – Valjevo



High school Svilajnac

- **119 public buildings** in **23 municipalities** fully reconstructed or newly built
 - **59** from Solidarity Fund EU
 - **18** from IPA
 - **23** from NOR
 - **19** from other donators
- The value of works **from EUSF** has exceeded **€5.7 million** (out of €12 million)
- Resilient to floods
- Energy efficiency – energy passport

RESILIENT RECONSTRUCTION OF TRANSPORT INFRASTRUCTURE – BUILDING BACK BETTER



RESILIENT RECONSTRUCTION – TRANSPORT AND LOCAL INFRASTRUCTURE



109 critical infrastructure projects

of reconstruction and retrofitting in 39 municipalities: transport infrastructure, preventive infrastructure, water supply and sewage

LOCAL INFRASTRUCTURE - BRIDGES BEFORE



BEFORE

- Striking examples of risk-creating infrastructure
- Massive implementation of standard projects for bridges (cookie-cutter design)
- Bridges constructed without hydrologic and geotechnical surveys

LOCAL INFRASTRUCTURE - BRIDGES NOW



Construction of

57 completely
new bridges



← **5 - 60** →
meters long

on the territory of
35 local
self-governments.



AFTER

- For every bridge constructed, a project is prepared with the participation of all relevant experts
- Risk-informed construction
- Hydrologic and geotechnical surveys

RECONSTRUCTED BRIDGES



Bridge at Lipnica River - Mionica



Bridge at Likodra River - Krupanj



Bridge 26.September - Krupanj



Bridge at Jasenica River – Topola

PREVENTIVE INFRASTRUCTURE



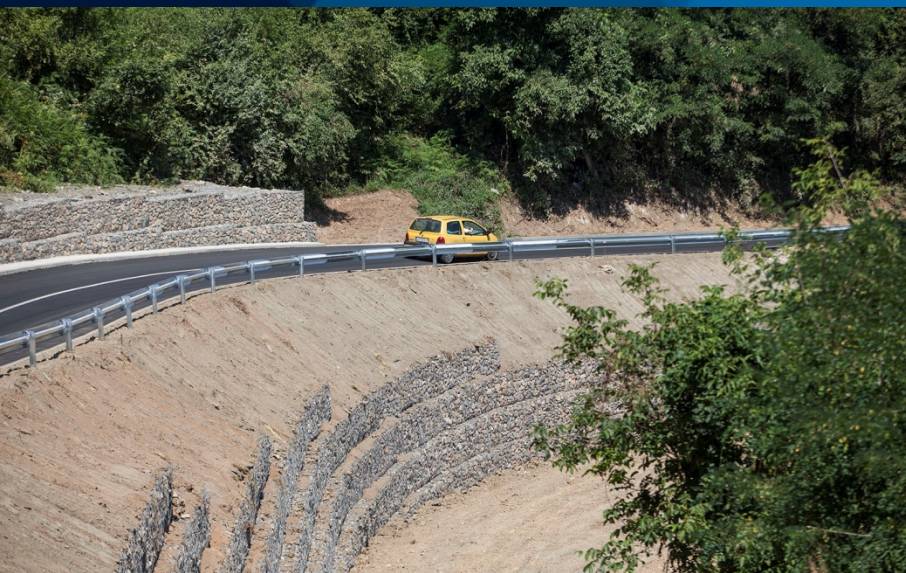
Novi Pazar before reconstruction



Novi Pazar after reconstruction

- **Reconstruction of more than 300 locations of preventive infrastructure (more than 200 from EU)**
- **More than €16 million from Solidarity Fund**
- **Preventive infrastructure designed accordingly to new high water levels (2014)**

INFRASTRUCTURE



Road “Korenita – Krupanj”



- Reconstruction and improvement of **flood prevention infrastructure** by building and reconstructing **over 300 structures**
- **23 reconstruction and improvement projects for sewerage** and water supply systems in 12 LSGs
- Rehabilitation of **27 landslides** in 15 LSGs
- **19 projects** to regulate local **watercourses** in 13 LSGs
- **11 projects** to reconstruct **local roads**
- Reconstruction of **80 bridges** in 35 LSGs

POLICY INNOVATIONS - RECONSTRUCTION



Law on Post-flood
Recovery

NDRMP

Law on
Reconstruction*

- **New legislation** based on the 2014 post-flood recovery *lex specialis* and **lessons learned**
- **Legal provision - recovery process to be Build Back Better**
- Law prescribes **procedures**
- **Recovery plans** based on *post disaster need assessment*
- Additionally: Changes introduced in Public Procurement Law to allow for **prompt reaction** and **timely procurement** in periods of emergencies
(**10 instead of 30 days**)

*Serbia aims to be one of the **first countries in the world** with legislation **fully aligned with Sendai Framework**

SUSTAINABILITY - RECONSTRUCTION



INSTITUTIONAL SETUP

- **Public Investment Management Office**, successor of Office for Reconstruction and Flood Relief
- An institution responsible directly **to the Prime Minister** for:
 - Management of investment and reconstruction of public facilities
 - Post-disaster reconstruction process (as a specific part of general investment management mandate)
- Ensuring implementation of **risk-informed investments** in all public facilities
- **Disaster resilience** – implementation of concept in all phases of **planning process**

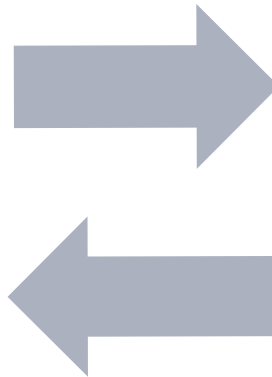
SELECTION OF PROJECTS



PRODUCTION OF PROJECT DESIGN



**Local self
government
produces
detailed project
design**



**PIMO technical
control and
approval of
project design**

PROCUREMENT PROCES



Local self government produces procurement documents



PIMO controls and approves procurement documents



Local self government carries out procurement process



Local self government select best bidder



PIMO controls and approves the selection of the best bidder

IMPLEMENTATION OF WORKS



**PIMO verifies implemented works
and pays the contractor**



THANK YOU