



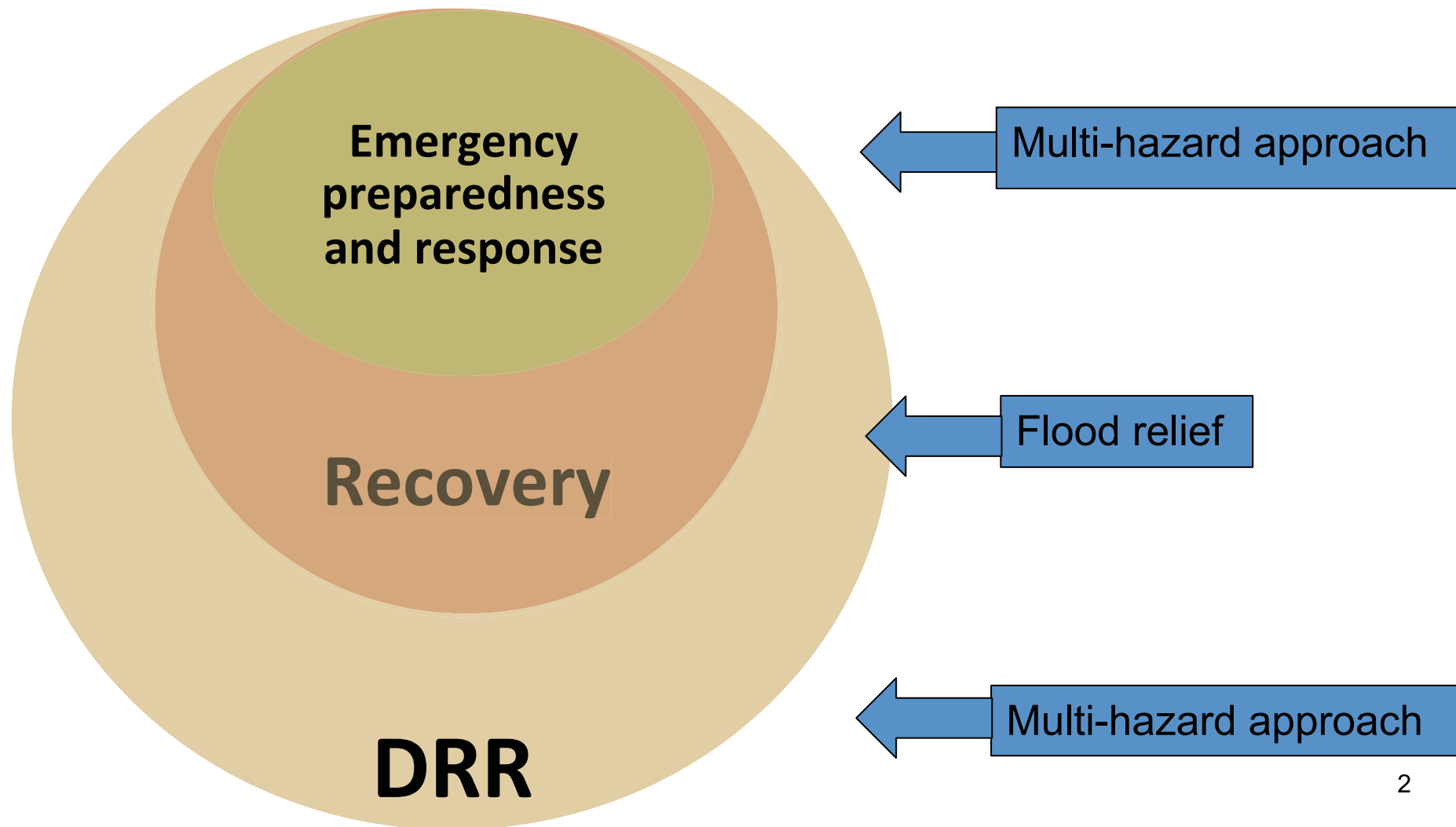
*Moving from Recovery to Prevention
following the May 2014 floods:*

UN/UNDP Action Plan on Disaster Risk Reduction in BiH

Erik Kjaergaard, UN CTA (DRR)
Aida Hadzic-Hurem, UNDP DRR Project Manager,
DPPI meeting, Sarajevo, 3 November 2015



Flood Recovery and Multi-hazard Approaches



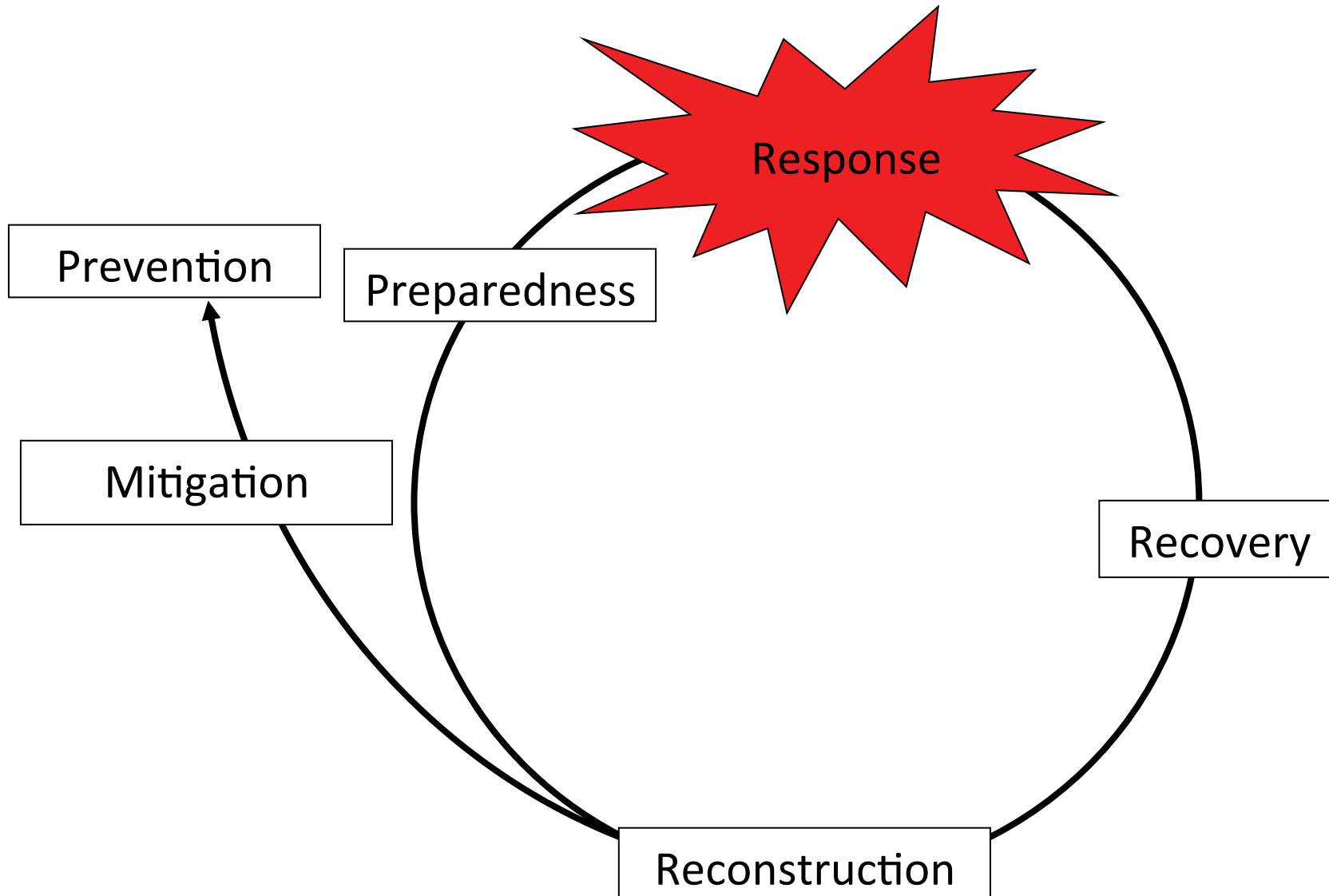


Guiding Principles

1. All future development activities in BIH should take natural hazards and climate change into consideration
2. A multi-hazard approach is required
3. Vulnerabilities and capacities of people, communities and institutions need to be factored into risk assessments
4. DRR and CCA need to be mainstreamed into all ongoing and future development projects



The Modified Disaster Cycle





1. Understanding Disaster Risk

- Raising awareness on prevention/mitigation relative to preparedness/response
- Stress the importance of the risk formula (notably vulnerability and capacity)
- Promote systematic data collection, real-time data and free flow of information
- Pilot multi-hazard, spatial risk assessments based on open source GIS-platform (QGIS)
- Strengthen/establish DRR practitioner platforms



The Good Old Days

Village 1965



Village 2015





IDDR 2015 in Sarajevo



KNOWLEDGE
FOR LIFE
#IDDR
2015





Who Does What Where Exercise

3W WHO DOES WHAT WHERE
IN DISASTER RISK REDUCTION
IN GEORGIA

Ministry of Environment
and Natural Resources
Protection of Georgia

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Geographical Focus



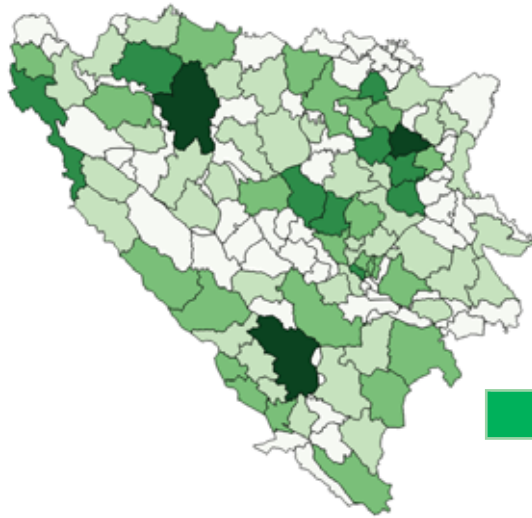
2. Strengthen disaster risk governance

- Study how the complex constitutional arrangements in BiH affects DRR institution building
- Learn from the 2014 floods and the ongoing migration 2015 crisis
- Make use of data for better targeting and strengthen spatial planning and land zoning
- Pilot mainstreaming of DRR in cantonal/municipal development strategies
- Redefine the role of youth, women, disabled, elderly etc. from vulnerable groups to empowered citizens

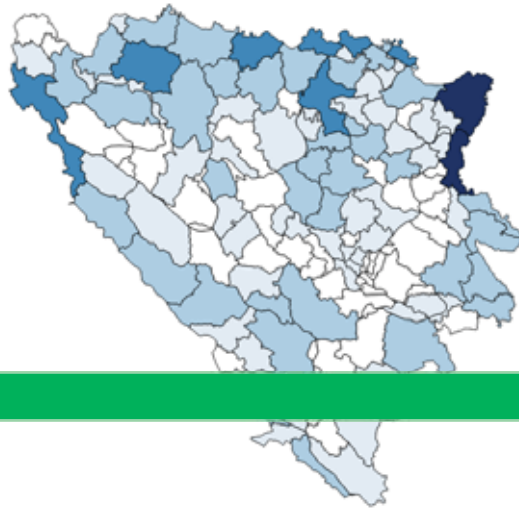


Multi-Hazard Mapping

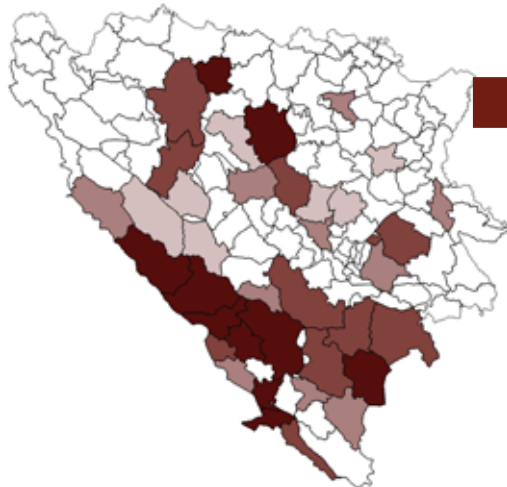
Landslides



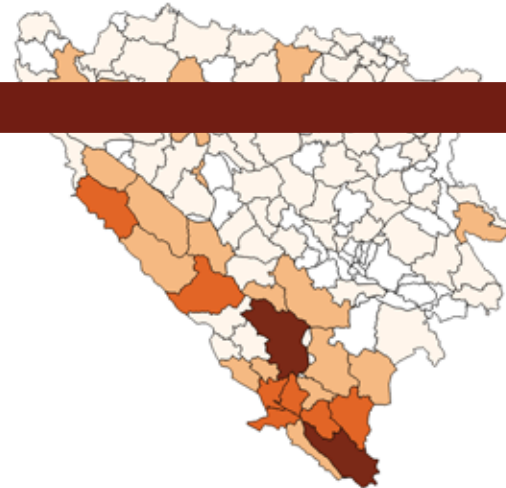
Floods



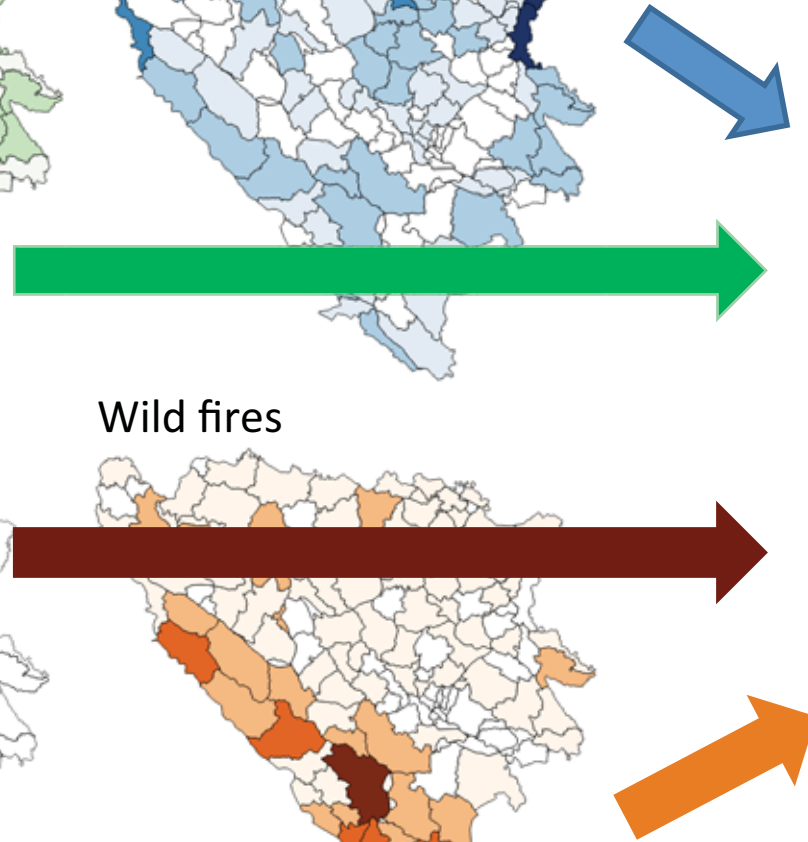
Earthquakes



Wild fires

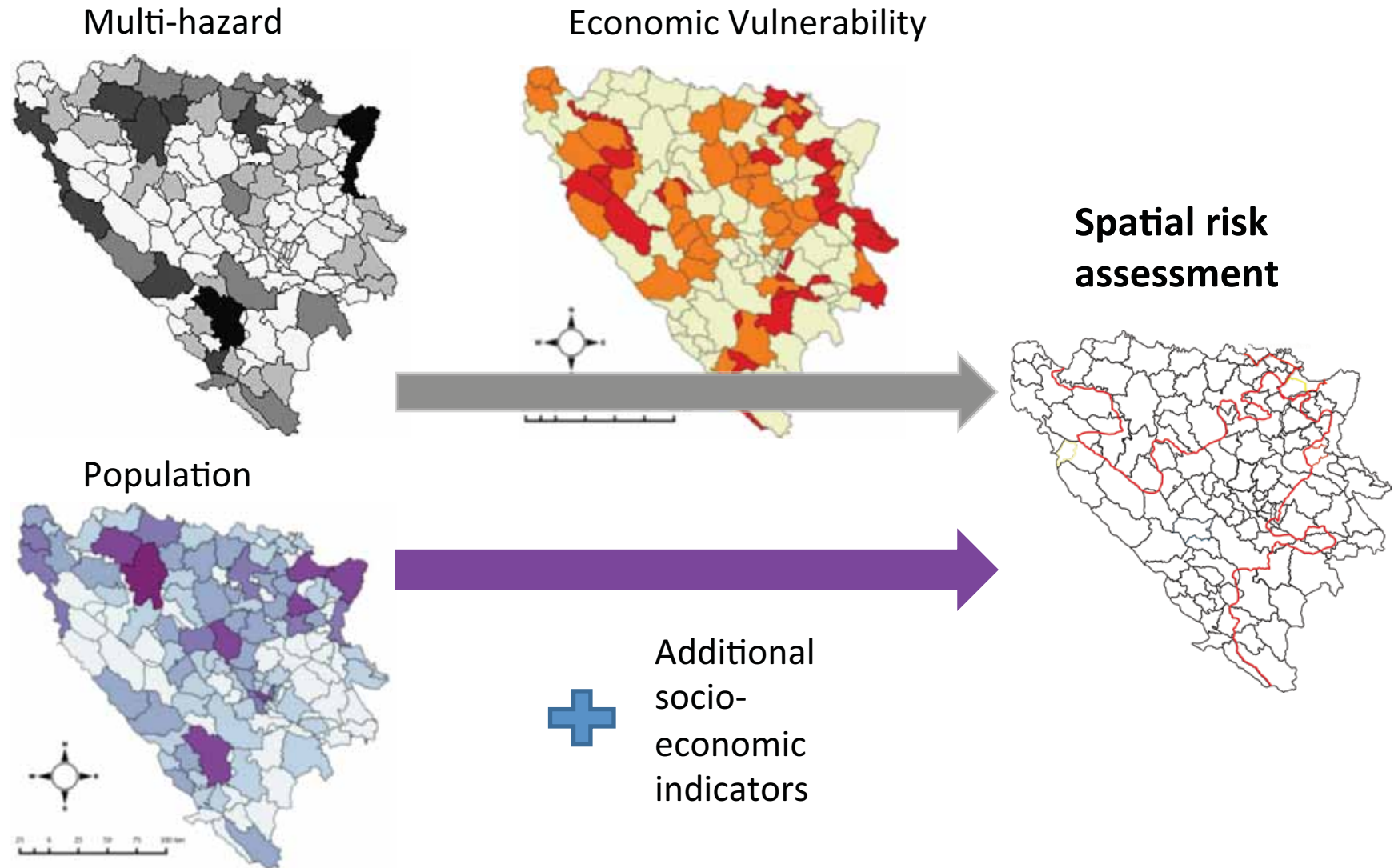


Multi-hazard





Risk-informing Development





GIS-mapping at Municipal Level



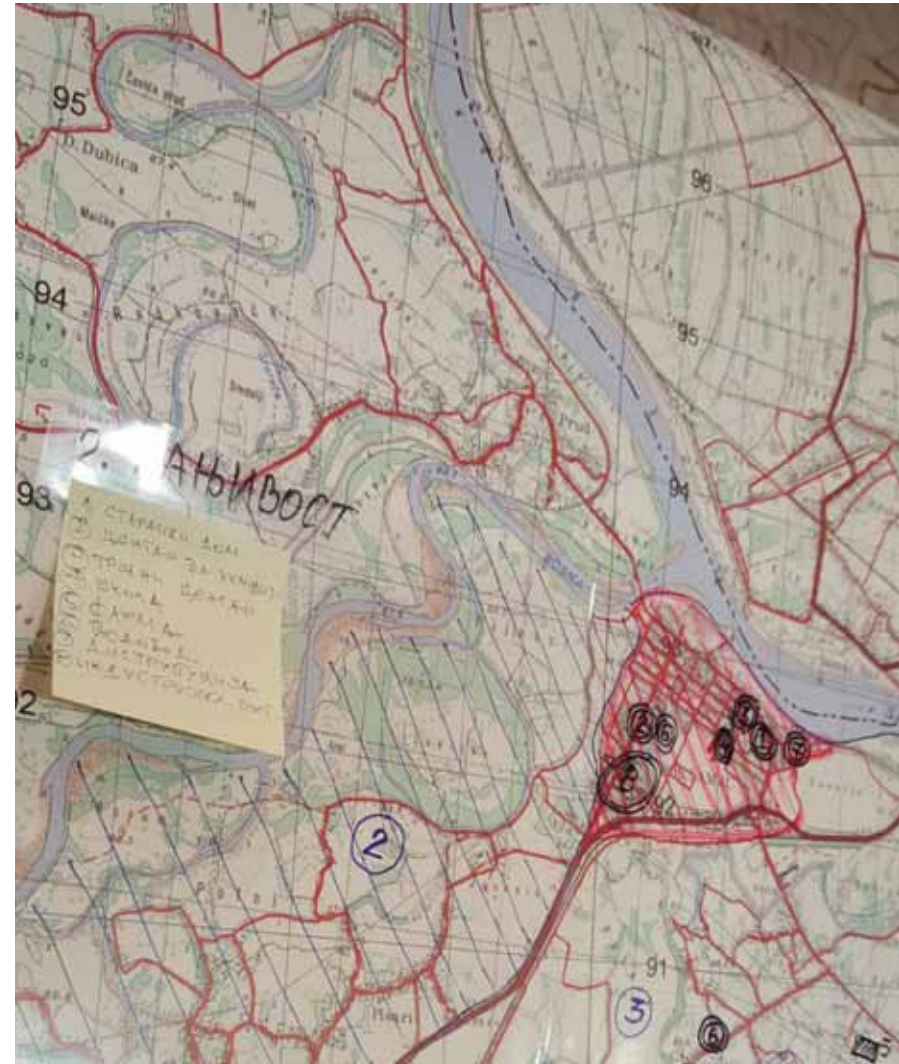


3. Investing in DRR

- High investments are expected in floods prevention (structural and non-structural measures) through EU funding
- Much needs to be done on other hazards and institutional development, capacity development
- Promote public and private investments in DRR (seek greater involvement of local communities, the private sector, government institutions and international stakeholders)
- Study risk insurance/risk transfer mechanisms in the country and region



Capacity Development and Spatial Mapping





4. Enhancing disaster preparedness for effective response

- Learn from the reform of civil protection and the European civil protection mechanism
- Strengthen emergency preparedness in UN
- Build capacity of civil protection authorities
- Engage with civil society, communities at risk and international agencies in resilience building
- Strengthen people-oriented early warning systems
- Strengthen contingency planning/incident command systems
- Introduce various modalities of simulation exercise



The Bright Future

Village 2015



Village 2065

