

Infrastructure Projects Facility in the Western Balkans

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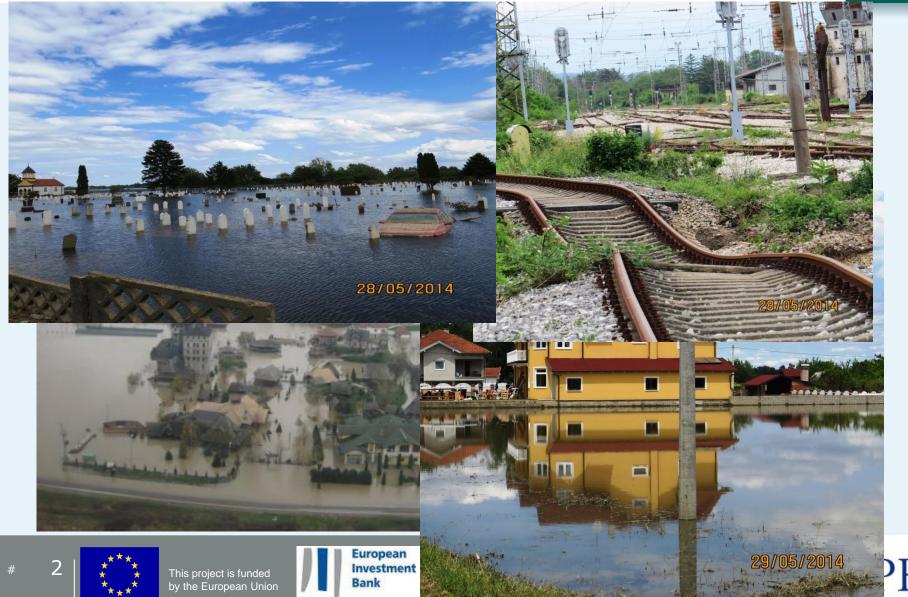








Floods in Bosnia and Herzegovina





Methodology

- The Methodology was developed in order to prioritise flood protection measures in RS in BiH.
- The methodology was implemented in a seminar with the participation of the representatives of the MoAFWM, JU Vode Srpske, Ministry of Public Administration and Local Self – Governments of Republika Srpska, Water Utilities and Municipalities, as the main stakeholders.
- The participants were asked to evaluate 5 criteria through a Delphi approach and to establish a quantitative consensus on the weight of the criteria.
- The participants were asked to evaluate several sub-criteria under each criterion and repeat the evaluation of sub-criteria again with Delphi approach.
- A list of the potential flood protection measures (more than 100 measures) were distributed to the participants and they were requested to prioritise them using common sense.









Assigned weights of criteria

Criteria	Weight
Potential Damages	21.62%
Maturity and Readiness	20.66%
Financial Aspects	20.59%
Support and Commitment	20.12%
Technical Aspects	17.01%
Total	100.00 %







Subcriteria

Criteria	Sub - Criteria
Potential Damages	Damage to Human Health
	Damage to Environment and Natural Life
	Damage to Properties and Assets
	Damage to Economic Sector
Financial Aspects	Cost of Investment
	Cost of Operation and Maintenance
	Additional Benefits
	Life of Investment
Maturity and Readiness	Readiness of Design and EIA
	Readiness of Tender Documents
	Site Secured
	Finance secured
Technical Aspects	Complexity of the Project
	Interface of the Project
	Repeatability of the Project
	Demonstrability of the Project
Support and Commitment	Support of Stakeholders
	Governmental Policy Support
	Visibility on Public and Media
	International Support and Commitments







Indicators

Sub - Criteria	Indicator
Damage to Human Health	Number of people potentially affected
Damage to Environment	Potentially endangered area
Damage to Properties and Assets	Number of potentially endangered assets
Damage to Economy	Number of employees working in the endangered area
Cost of Investment	Investment cost forecast
Cost of Operation and Maintenance	O&M cost forecast
Additional Benefits	Impact on employment, tourism, agriculture, transport, industry
Life of Investment	Planned useful life
Readiness of Design and EIA	Level of maturity of design and EIA
Readiness of Tender Documents	Level of maturity of tender documents
Site Secured	Level of security and stage of ensuring project site
Finance secured	Level of security and stage of ensuring project finance
Complexity of the Project	Components and interdisciplinary status
Interface of the Project	Number and sizes of the interactions with external systems
Repeatability of the Project	Type and level of replication potential
Demonstrability of the Project	Type and level of demonstrative potential
Support of Stakeholders	Type and power of supporters (or opponents) to the Project
Governmental Policy Support	Magnitude of central and local government support
Visibility on Public and Media	Magnitude of the visibility
International Support	Reference in international documents



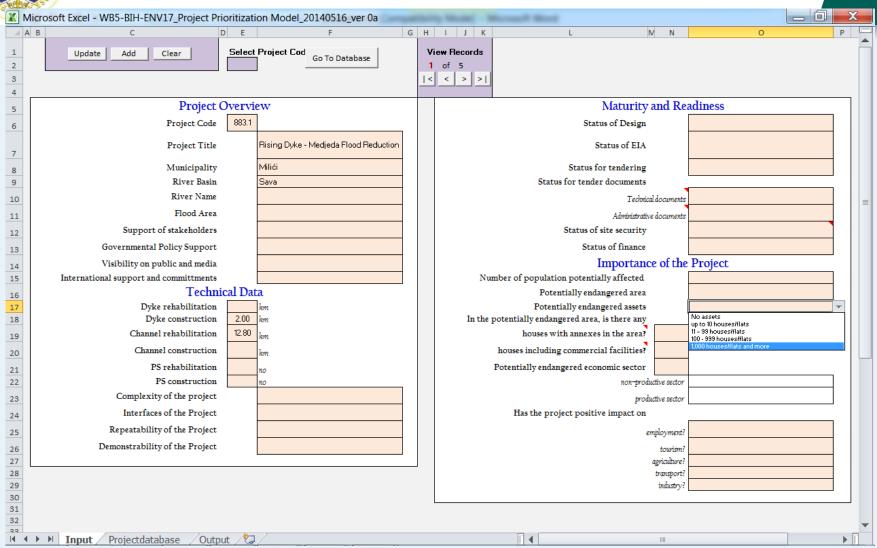








Prioritization Software













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- the European Investment Bank
- the Ministry of Agriculture, Forestry and Water Management of Republika Srpska
- the Project Implementation Unit
- the JU Vode Srpske

Thanks for your attention







