



BOSNIA AND HERZEGOVINA

Partners:

- Ministry of Foreign Trade and Economic Relation of Bosnia and Herzegovina
- Ministry of Finance of Republika Srpska
- Ministry of Agriculture, Forestry and Water Management of Republika Srpska
- Public Utility Vode Srpske (Water Company in Republika Srpska)

Total investment:

- €55 million¹

EIB loan:

- €55 million

EU contribution:

- €1.5 million

Technical Assistance provided by:

- Infrastructure Project Facility 4 (COWI-IPF Consortium), grant reference number: WB12-BIH-ENV-04 Component 2

Duration of Technical Assistance:

- July 2015 – October 2018

Environment

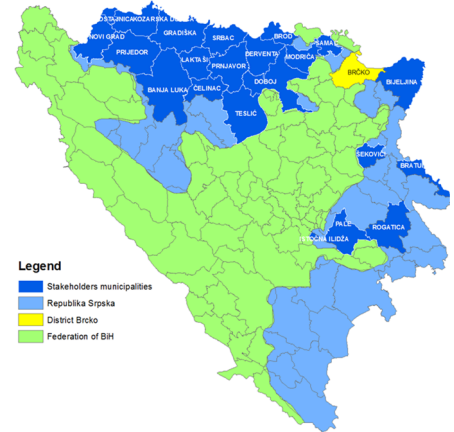
Bosnia and Herzegovina Flood Risk Management Project: Support to the Project Management Unit (PMU) in Republika Srpska

This project concerns to the repair/rehabilitation/reconstruction of the no-regret flood protection infrastructure in Republika Srpska along the Sava River plains and its tributaries, including Una, Bosna, Drina, Vrbas, and Ukrina Rivers. The project was initiated following extensive damages at a large number of locations caused by the flood events of 2009 and 2010 (and later in 2014).

Over EUR 100 million in grants was invested in Bosnia and Herzegovina by the European Union to assist recovery efforts in the aftermath of the floods in 2010 and 2014. These funds were also used to help mitigate effects of future natural disasters by reducing risks and improving the country's crisis management.

In addition, the European Union has partnered with major international financial institutions and the regional governments to invest in major infrastructural projects through the Western Balkans Investment Framework (WBIF).

This project complements the EU support to the sector. It comprises a 2011 EIB loan and EU technical assistance (TA) grants - both provided via the WBIF.



Project area and stakeholder municipalities

Results:

- Prioritized list of investments
- 31 contracts following 18 tenders for works²
- 7 tenders and contracts for services
- 20 rehabilitated drainage pumping stations with new pumps
- 4 renovated gates for drainage channels
- 14 km of new dykes
- 78 km of rehabilitated dykes
- 2 km of new channels
- 163 km of rehabilitated channels;
- 22 km of regulated riverbed
- Increased project management capacity of institutions



Rehabilitated Drinjaca River in Sekovici

¹ Provided info for content/figures relate to Component 2

² Some tenders had more than one lots and, therefore, more than one contract.

Previous EU Assistance:

- €2.5 million

Technical Assistance provided by:

- Infrastructure Project Facility 2 (COWI-IPF Consortium), grant reference number: WB5-BIH-ENV-17

Duration of Technical Assistance:

October 2011 – May 2014

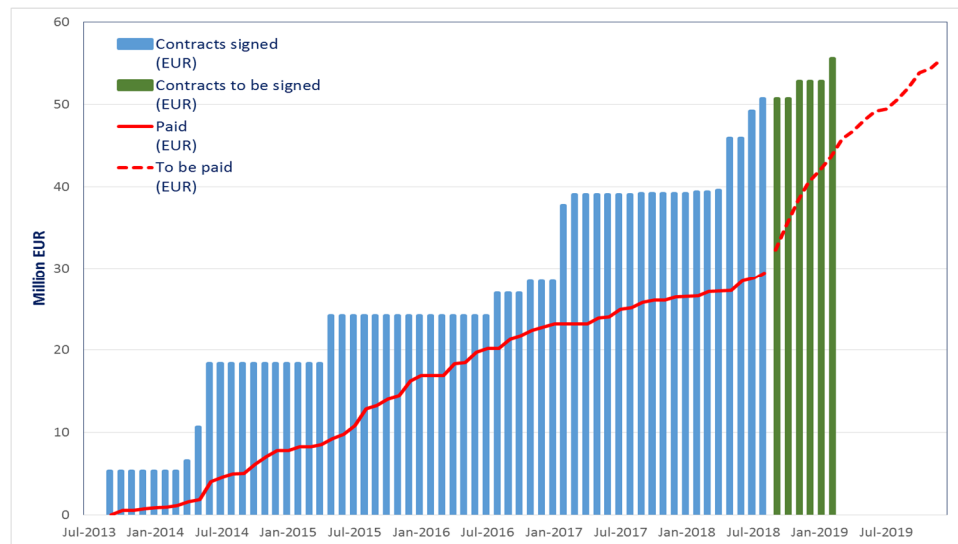
Duration of Construction Works:

- October 2013 - December 2019

Estimated Loan Repayment Period:

- 30 years

Environment



Committed and disbursed finance during the implementation (September 2018)

The Project was initiated on 03 November 2011 with fact-finding missions to 120 locations, where damages and risks were determined by EIB experts after the 2010 floods. Field data was collected, needs were analysed and a database of potential investments was developed. Prioritization workshops were held with all relevant stakeholders (including the Republika Srpska Ministries, Vode Srpske, Project Municipalities). A needs database and prioritization software was developed based on agreed criteria. A Prioritization Guide was published and adopted for future updates.

The works contracts concerning to dyke/channel constructions and river/channel rehabilitations were based on unit prices, (FIDIC Red Book), whereas the rehabilitation of the drainage pumping stations and channel gates was contracted as lump sum (FIDIC Yellow Book).

A procurement plan was prepared and proposed to EIB based on the shortlist of no-regret measures derived from the prioritization study. The investments were grouped in several tender groups according to the maturity, location, and type of tender foreseen.

Supervision services were procured twice during the implementation. Local tenders were implemented for design of facilities and review of these designs.

WBIF technical assistance prepared detailed designs for 32 technically critical and high cost investments in the relatively larger municipalities.

The Project Management Unit (PMU) and Vode Srpske were supported via preparation of tools for project planning and monitoring, including project implementation plans, payment schedules, loan disbursement requests, training etc. Procurement assistance was provided for preparation of tendering strategies, procurement plans, bid evaluation, preparation of contracts etc.). Capacity building activities are among the main activities including several workshops, on-the-job trainings and a study tour.

Benefits

- Reduced risk of floods in Republika Srpska municipalities and surroundings, and hence prevention of material damages, i.e. improved safety for about 700,000 inhabitants.
- Increased capacity of Beneficiary and stakeholder institutions on implementing multidisciplinary project management through on-the-job training and preparing guiding materials and manuals.
- Positive economic, social, and environmental impacts and contribution to public health and overall quality of life in stakeholder municipalities.