

Construction of Struganik Dam on Ribnica River in Mionica Municipality

Project Financing

WBIF	Grant	WB21-SRB-ENV-02	€ 1,035,150
EBRD	Loan		€ 20,120,000
National Contribution Own Contribution			€ 1,550,000
Total			€ 22,705,150
Total Grants			€ 1,035,150
Total Loans			€ 20,120,000

Project Description

In recent history, the Kolubara basin has been hit with significant floods with great harmful effects, primarily on the population and economy. The most significant events happened in 2001 and 2014. In 2001, 3,800 ha of land and 110 residential buildings were damaged. During historic floods in Serbia in 2014, population, economy, infrastructure and natural resources have suffered from great flood damage. In the Municipality of Mionica, about 360 landslides were activated, mostly on agricultural land. Consequently, the state has launched projects for the rehabilitation of the area. According to the strategic documentation - Study on Flood Management in Kolubara River Basin to reduce future flood risk (Jaroslav Erni Institute for the Development of Water Resources, March 2016), which was developed after the floods in 2014, the strategy for the flood protection on a sub-basin level of the Kolubara River basin was defined. The Study elaborated possibilities for integrated basin development in terms of the development of retention areas, reconstruction of flood protection structures and anti-erosional works.

The Struganik dam on the Ribnica river has been analysed in the strategic documents as a structure with a possibility of multi-functional use, of importance for flood protection, water supply for population and industry, irrigation, tourism, sport and recreation etc. Struganik dam is defined as one of potential retention in the Kolubara river basin.

The Struganik dam and reservoir on the Ribnica River (Strategic Project Kolubara) will improve integrated water management in terms of protection of harmful effects of water, enhance environmental protection and sustainable spatial development.

Results and Benefits

- population benefitting from flood protection measures increased from 10,000 to 26,000
- semi-urban and urban areas protected from floods increased from 0.09 ha/inh to 0.15 ha/inh
- will strongly impact poverty reduction, employment possibilities, gender involvement and development of sustainable agriculture

- **Countries:** Serbia
- **Code:** PRJ-SRB-ENV-016
- **Sector:** Environment
- **Lead IFI:** EBRD
- **Status:** Preparation
- **Beneficiary:**