



## BOSNIA AND HERZEGOVINA

### Partners:

- Ministry of Finance and Treasury, and Ministry of Communications and Transport in Bosnia and Herzegovina;
- Ministry of Transport and Communications of the Federation of Bosnia and Herzegovina
- Public Company Motorways of the Federation of Bosnia and Herzegovina (JP Autoceste FBiH)

### Estimated investment:

- €66.9 million

### EU contribution:

- €11.8 million (works and supplies)

### Estimated EBRD loan:

- €50 million

## 2017 CONNECTIVITY PROJECT

### Mediterranean Corridor: Bosnia and Herzegovina – Croatia Cvc Road Interconnection II (Tunnel Zenica – Donja Gračanica Segment)

The Mediterranean Corridor links the Iberian Peninsula with the Hungarian – Ukrainian border. Its extension into the Western Balkans, mostly associated with what is regionally known as Corridor Vc, connects Central Europe, specifically Hungary and eastern Croatia, to Bosnia and Herzegovina and the Adriatic Sea.

The longest section of Corridor Vc lies in Bosnia and Herzegovina. In response to high daily average traffic volumes, the country embarked on a multi-billion motorway construction programme, in cooperation with its neighbours. To date, more than 100 km have been built or are under construction.

This investment project<sup>1</sup> concerns the construction of a 4.1 km modern road on the Zenica North – Žepče South section, between Zenica Tunnel and Donja Gračanica/Entrance to Pečuj Tunnel. The new development includes two tunnels (350m and 422m), four viaducts (93m, 78m, 380m, and 76m), an access road to Zenica (140m bridge), and an interchange to Zenica North, with tolling facilities.



Aerial view of Donja Gračanica in Bosnia and Herzegovina.

### Results:

- 4.1 km of modern road, including: two tunnels, four viaducts, access road to Zenica, and interchange to Zenica North with tolling facilities.
- Increase in passenger and freight travel speed from 60 km/h to 100 km/h and 120 km/h.



Newly built motorway on the Tarčin – Sarajevo – Zenica section on the Mediterranean Corridor in Bosnia and Herzegovina.

<sup>1</sup> Subject to a final decision by the budgetary authorities.

Beneficiary contribution:

- €5.1 million

Previous EU contribution for this section:

- €1.8 million for main design (IPA 2011)

Estimated start date:

- Mid 2018

Estimated end date:

- End of 2020

Estimated loan repayment period:

- 15 years

## Transport



Map of Bosnia and Herzegovina – Croatia CVc Road Interconnection, Tunnel Zenica – Donja Gračanica Segment.

The project is now at (main) design stage, with feasibility and environmental impact assessment studies completed in 2006 and subsequently updated in 2014. The environmental permit was obtained in February 2014.

Tender documents will be prepared based on existing designs and according to Yellow FIDIC conditions of contract. The loan has been agreed with the European Bank for Reconstruction and Development (EBRD).

Detailed environmental impact mitigation measures have been planned for during and post-construction, including soil and water pollution prevention and noise monitoring programmes.

The project complements the newly built motorway on the Zenica South - Sarajevo South – Tarčin section along the Mediterranean Corridor in Bosnia and Herzegovina. Once completed, this section will be operated and maintained by the Public Company Motorways of the Federation of Bosnia and Herzegovina through a closed toll collection system. A modern health, safety, and security system will be put in place, according to best European practices, particularly in the tunnel area.

### Benefits

- More than 600 jobs created during construction as well as operation and maintenance periods.
- An increase in annual traffic by more than 23%, matched by adequate safety and security conditions.
- Reduction by 7% in accident rate and 6% in vehicle operating costs.
- Better access for smaller towns and villages located along the route to larger industrial and transport hubs, such as Zenica and Sarajevo.
- Better routes into tourist areas in the region.
- Improved trade flows with countries in the region and thus a positive impact on the broader economy of Bosnia and Herzegovina.