#ЕУ ЗА ТЕБЕ

SERBIA

Western Balkans Investment Framework WBIF
BUILDING THE EUROPEAN FUTURE TOGETHER
BLENDING PUBLIC PRIVATE GUARANTEES

Clean Energy

Trans-Balkan Electricity Corridor in Serbia

KFW EMC

The Trans-Balkan Electricity Corridor is nationally and regionally significant and one of the flagship investments under the EU's Economic and Investment Plan for the Western Balkans. It contributes to the establishment of a regional power network connecting the electricity transmission systems of Bosnia and Herzegovina, Montenegro and Serbia with those of Croatia, Hungary, Romania and Italy through 400 kV overhead lines or submarine cables.

The EU-supported investments in Serbia include the construction of a new 400 kV grid section from Kragujevac to Kraljevo and the upgrade to 400 kV of the grid sections from Obrenovac to Bajina Bašta and from Bajina Bašta to Višegrad (Bosnia and Herzegovina) and to the border with Montenegro.

The new developments will have a low to moderate social and environmental impact, as the new facilities will be built in close proximity to or will use the existing transmission corridors. These much-needed investments will replace the outdated 220 kV network, which is prone to system failures and carries high operational and maintenance costs.

Length	Total investment value	Loans	WBIF EU grants	National contribution
372km	€206m	€145m	€33m	€22m

The Trans-Balkan Electricity Corridor is a key investment in clean energy under the Flagship 5 - Transition from coal of the EU's **Economic and Investment Plan for the Western Balkans.** The transition from highly polluting coal to more sustainable and green sources of energy production is crucial for the region to meet its commitments under the Paris Agreement and the targets set in the EU's 2030 Climate and Energy Framework. Performant electricity transmission lines and smart grids play a pivotal role in increasing the use of renewable energy sources in line with the region's potential.

Benefits

- Improved interconnection with other transmission systems and markets in the region and neighbouring EU Member States
- Integration of renewable energy generation sources
- Elimination of bottlenecks and prevention of outages in the existing system
- Secure and stable power supply in Serbia and the region
- Reduction of transmission losses
- Abatement of CO_2 emissions
- New jobs created during construction as well as operation and maintenance phases

Trans-Balkan Electricity Corridor

Trans-Balkan Electricity Corridor is on the list of Projects of Energy Community Interest, being located in one of the Energy Community Treaty Contracting Parties and connecting to EU Member States.

1

Existing double circuit 400 kV grid section in Serbia

2

Kragujevac – Kraljevo 400 kV grid section and upgrade of Kraljevo 3 substation
Length: 60 km
Total investment: €29.8m
WBIF EU grant: €6.8m
KfW loan: €15m
National contribution: €8m
Construction completion: June 2022

3

Obrenovac – Bajina Bašta double circuit 400 kV grid section and upgrade of Obrenovac and Bajina Bašta substations
Length: 109 km
Estimated investment: €90m
WBIF EU grants: €14.4m
KfW loans and grant: €64.8m
National contribution: €4.4m
Other sources: €6.4m
Start of construction: 2024

4

Bajina Bašta (Serbia) – Višegrad (Bosnia and Herzegovina) – Pljevlja (Montenegro) 400 kV interconnection
Length: 84 km
Estimated investment: €45.4m
WBIF EU grants: €10.9m
KfW loan: €30m
National contribution: €4.5m
Start of construction: 2025

5

Bajina Bašta – Kraljevo 400 kV grid section
Length: 119 km
Estimated investment: €40.8m
WBIF EU grant: €0.8m
KfW loan: €35m
National contribution: €5m
Start of construction: 2028

6 KFW European Bank for Reconstruction and Development

Grid section in Montenegro

7 KFW

Grid section in Bosnia and Herzegovina

* This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.

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