



Clean energy



The WBIF portfolio in the energy sector is focused on energy transition in the context of the Green Agenda for the Western Balkans. Strong emphasis is placed on energy market integration, decarbonisation, clean energy, just transition, increased digitalisation of the system and smart grids, energy efficiency, and energy security. Clean energy also features prominently in the new Growth Plan and Reform Agendas of the beneficiary economies. Integration and decarbonisation of energy markets is the main priority.

€8.1 bn

Total investment (est.)

€836 m

WBIF contribution

Expected results



2,090 MW renewable energy generation capacity installed



672 km of transmission lines upgraded

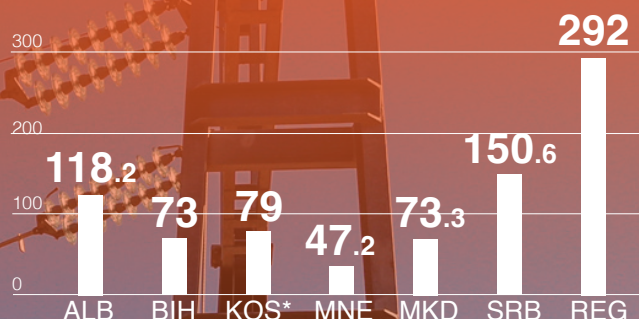


68 km of gas interconnection built

WBIF contribution

per beneficiary

■ value (€m)



* 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.

Project Selection 2009-2025



October 2025



Total investment (est.)	€129.4 m
WBIF contribution	€27.4 m
Approval year ¹	2008
Expected completion	2027

Investments include the construction of a new 165 km long 400 kV transmission line from Lasta to the border with Serbia, as well as upgrading substations. The Lastva substation and the Lastva – Čevo grid section are already in operation, high-voltage substations have been upgraded, and the Čevo – Pljevlja grid section is being constructed.



Total investment (est.)	€83.2 m
WBIF contribution	€16 m
Approval year	2023
Expected completion	2030

The Vlasina hydropower plants in Serbia are undergoing a major reconstruction. The project aims to replace outdated equipment, increase the plants' efficiency, and ensure reliable operation for the next 30 years. The plants are expected to produce 309 GWh annually, equivalent to the energy demand of 93,000 households.



Total investment (est.)	€27.5 m
WBIF contribution	€2.2 m
Approval year	2023
Expected completion	2027

This project renovates public buildings, including healthcare facilities, aiming to reduce energy consumption within the public sector and establish a sustainable financing mechanism for energy efficiency improvements. These upgrades lower operational costs, free up public funds for essential services, and create healthier, more comfortable environments for occupants.



Total investment (est.)	€41.8 m
WBIF contribution	€9.6 m
Approval year	2024
Expected completion	2027

This project installs a 50 MW ground-mounted solar photovoltaic plant in the Belshi area. Expected to generate 79 GWh annually—equivalent to the consumption of 16,100 households—it will displace over 50,000 tonnes of CO₂ each year, strengthen energy security, accelerate the transition to a low-carbon economy, and support sustainable development.

¹ It is the year the first WBIF contribution to the project was approved; further funding was provided subsequently.



Progress of Investment Projects

2015-2025



Albania

- 1 Albania – North Macedonia Power Interconnection: Grid Section in Albania
- 2 Rehabilitation of Fierza Hydropower Plant
- 3 Vau i Dejës Floating Solar Photovoltaic Power Plant
- 4 Belshi Solar Photovoltaic Power Plant
- 5 Digitalisation of Energy Transmission System
- 6 Tirana - Rrashbull Overhead Transmission Line and Tirana Ring

Bosnia and Herzegovina

- 7 Vlačić Wind Power Plant
- 8 Poklečani Wind Farm
- 9 Rehabilitation of Čapljina Pump Storage Hydropower Plant

Kosovo

- 10 Solar4Kosovo: Photovoltaic Power Plant
- 11 Solar4Kosovo II: Solar District Heating for Pristina

Montenegro

- 12 Trans-Balkan Electricity Corridor: Grid Section in Montenegro
- 13 Trans-Balkan Electricity Corridor: Brezna Substation Phase 2
- 14 Herceg Novi – Vilusi Overhead Transmission Line
- 15 SCADA Introduction in Montenegrin Distribution System Operator

North Macedonia

- 16 North Macedonia – Albania Power Interconnection: Grid Section in North Macedonia
- 17 North Macedonia – Greece Gas Interconnector
- 18 Osłomej 1 Solar Photovoltaic Power Plant
- 19 Osłomej 2 and Bitola Solar Photovoltaic Power Plants
- 20 Rehabilitation of Six Hydropower Plants Phase 3
- 21 Bogdanci Wind Park Phase 2
- 22 Strengthening the Transmission Network in the Southeast Region
- 23 Energy Efficiency Investments in Healthcare Buildings

Serbia

- 24 Trans-Balkan Electricity Corridor: Kragujevac – Kraljevo Grid Section
- 25 Trans-Balkan Electricity Corridor: Obrenovac – Bajina Bašta Grid Section
- 26 Trans-Balkan Electricity Corridor: Bajina Bašta – Montenegro – BiH Borders Section
- 27 Advanced System for Remote Meter Reading Phase 1A
- 28 Kostolac Wind Farm
- 29 Reconstruction of Potpeć Hydropower Plant
- 30 Rehabilitation of Bistrica Hydropower Plant
- 31 Reconstruction of Vlasina Hydropower Plant
- 32 Novi Sad Solar Thermal Project

Regional Programme

- 33 Regional Energy Efficiency Programme for the Western Balkans (REEP)

October 2025