



CLEAN ENERGY



Transition to sustainable and clean energy



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

The energy sector in the Western Balkans is characterised by insufficient and ageing infrastructure, relatively high reliance on fossil fuels, late adoption of renewables beyond hydropower and residential biomass, limited energy efficiency and energy productivity, high rates of energy poverty despite usually high levels of direct and hidden energy subsidies (mostly targeted towards fossil fuels), limited market mechanisms and private sector participation. Thus, the region faces a unique dual transition: from centralised state-controlled systems to open and competitive markets, and towards decarbonisation. The latter are also the key pillars of the Economic and Investment Plan for the Western Balkans in line with the aims of the Green Agenda.

The WBIF energy projects are financed under the **Economic and Investment Plan for the Western Balkans:**
FLAGSHIP 4 - Renewable energy
FLAGSHIP 5 - Transition from coal
FLAGSHIP 6 - Renovation wave

2009-2021

Projects

53

Estimated project value

€5bn

Projects with loans signed

18 / €861.1m
signed loans

WBIF grants

€249m

ACHIEVED RESULTS (2009 - 2021)



123 MW electricity from renewables

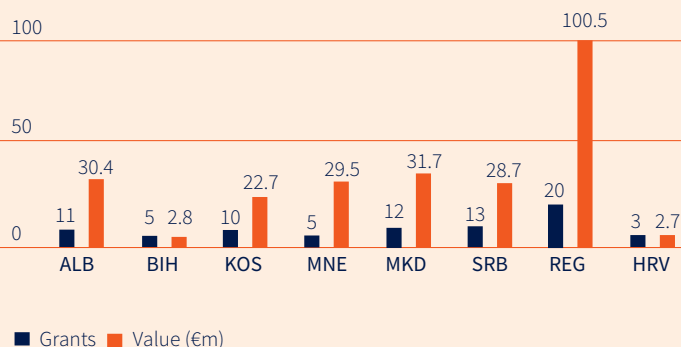


62 public buildings renovated
and over 590,000 CO2 t/year avoided



District heating systems upgraded
in 22 cities and towns

DISTRIBUTION BY BENEFICIARY



EXPECTED RESULTS (2022 - 2030)



1,238 km of electricity transmission lines upgraded



1,156 MW electricity from renewables



Stable and competitive energy supply for people and businesses in the region

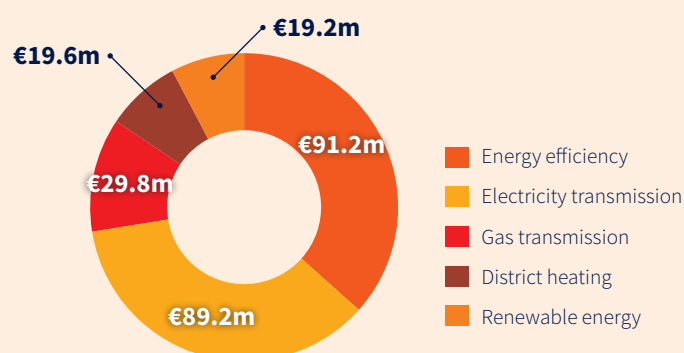


679 km of gas pipelines



132 public buildings renovated

WBIF GRANTS BY SUBSECTOR



FLAGSHIP PROJECT EXAMPLES

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FLAGSHIP 5 - Transition from coal

North Macedonia – Albania power interconnection

This EU co-financed investment project will construct 95 km of 400 kV overhead transmission line between Bitola and the border with Albania, a new substation in Ohrid and upgraded substation in Bitola, and has already installed smart grid equipment for the transmission system. It will thus complete the 400 kV electricity ring between Albania, North Macedonia and Greece.

The investments are part of the European Commission's initiative to establish an East-West electricity transmission corridor between Bulgaria, North Macedonia, Albania, Montenegro, and Italy. The corridor is essential in allowing for cross-border energy exchange, more efficient use of existing and planned power capacities, and better load flow balancing in the region.



Estimated total project cost	€51.7m
WBIF grants	€13.9m
EBRD loan	€37m
Expected completion	2023



FLAGSHIP 6 - Renovation wave

Energy efficiency renovation programme for central government buildings in Serbia

This energy efficiency programme will renovate up to twenty-eight central government buildings in Belgrade. The WBIF provides technical assistance for the Project Implementation Unit during the preparatory phase of the investments.



Estimated total project cost	€44.5m
WBIF grant	€0.3m
CEB grant and loan	€40.6m
Expected completion	2024

