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DEUTSCHE ZUSAMMENARBEIT

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AKUK

REPUBLIKA E SHQIPËRISË
MINISTRIA E INFRASTRUKTURËS DHE ENERGJISË

Water Sector Performance and Investment Programme

WPIP MIP V

Municipal Infrastructure Programme V

UKR Shkodër



Shkodër
Fushë-Arrëz
Malësi e Madhe
Pukë
Vau Dejës



UKR Shkodër - EUR 19.5 million WPIP / MIP V investment measures





In Shkodër, the €19.5 million investment under WPIP/MIP V secures new water supply networks and the modernisation of the wastewater treatment plant.

Thanks to the investments under the WPIP/MIP V Programme, around 12,000 citizens will benefit from water supply measures, and about 50,000 citizens as well as an increasing number of tourists will benefit from the new and improved wastewater system.

Accompanying Measures implemented by: SWECO, MACS Energy & Water, SETEC Engineering

Implementation Consultant Shkodra: SETEC Engineering

Drinking water network rehabilitation and extension

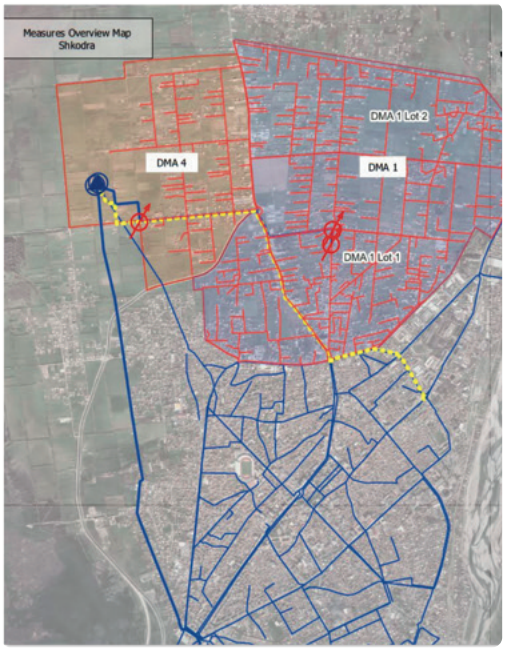


New transmission main pipelines



Individual water meters - key for fair, transparent and just invoicing of water consumption.

- **Rehabilitation and replacement of 53.7 km distribution network** which was outdated and heavily leaking, also through numerous illegal connections.
- **1820 new house connections with 2500 individual water meters**
- Improvement of supply pressure through construction of about **4 km of new transmission main pipeline**
- Rehabilitation and installation of 11 new flow-meters (EFM) and dataloggers with intern battery and GSM modem



Overview map about infrastructure measures implemented with support of the WPIP/MIPV program.

Monitoring and controlling water network and reduce water loss



Mobile pressure meter device which is used for successively testing all network connections.



Individual household water supply pipe (small diameter) connected to a wide diameter distribution pipe.

The short-term measures for rehabilitation will be concentrated in the northern areas Dobrac and Golem. New water supply networks in Northern areas will reduce the high losses and illegal connections. The installation of DMAs (District Metering Areas) will allows monitoring and controlling water inflow and water losses

Sewerage water network





- Upgrade of the **Main Pumping Station** Shkodra (MPS)
- Construction of the Shkodra **Waste Water Treatment Plant** (WWTP) for about 82,500 PE (Person Equivalents)
- Construction of new **5 km wastewater pipeline** from MPS to the WWTP crossing the Buna River



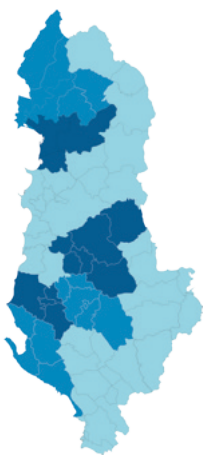


Water Sector Performance and Investment Programme

WPIP MIP V

Municipal Infrastructure Programme V

Overall WPIP MIP V - EUR 145.7 million investment measures for 6 regional water supply and sewerage companies



WPIP / MIP V program supports 6 regional water supply and sewerage companies

UKR Berat including Dimal, Kuçovë, Polican and Skrapar;
UKR Elbasan including Belsh, Cërrik, Gramsh, Librazhd and Peqin;
UKR Fier including Mallakastër, Patos and Roskovec;
UKR Lezhë including Kurbin and Mirditë;
UKR Shkodër including Fushë Arrëz, Malësia e Madhe, Pukë and Vau i Dejës;
UKR Vlorë including Himarë and Selenicë;

Overall investment of EUR 145.7 million through the WPIP / MIP V Program

German Financial Cooperation 'through KfW	Loan	EUR 80 million
German Government	Grant	EUR 9 million
EU IPA	Grant	EUR 43.4 million
SECO	Grant	EUR 13.3 million

Overall WPIP MIP V expected results and benefits



100 % coverage of **Direct Operational Costs**;
Reduction of water losses;
Adapted tariff plans;
Improved invoicing, collection rate constantly over 85 %;
Verified improvement of **good governance**

30,000 persons with increased **resilience to storm water** incidents in Lezha

152,000 population effectively connected to operational **waste water collection with centralized treatment systems**, monitored in accordance with EU directives

Increased population effectively connected to **improved and/or new drinking water network**.
Increased average **daily water supply hours from 13 to 16 hours**






www.wpip-mipv.al

Accompanying Measures implemented by:

Implementation Consultant Shkodra: