



LEZHE
Mirditë
Kurbini

UKR Lezhe



UKR Lezhe - EUR 15.6 million WPIP / MIP V investment measures



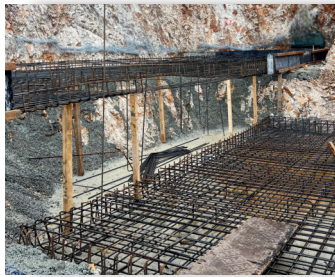
In Lezhë, 15.6 million Euro WPIP / MIP V investment provides new water supply networks, upgrade of waste water treatment plant and new flood protection system.*

Thanks to the support of German Financial Cooperation through KfW, the European Union, SECO and the Albanian Government, through the WPIP / MIP V Programme, about 20,000 citizens as well as the continuously growing number of tourists will benefit from the new and improved infrastructure.

**upgrade of primary treatment*



Drinking Water Supply



'ROCK SOLID' - the new 400 m³ water reservoir has literally been built into rock.

In the **Mali i Kakarriq** area, two new wells have been drilled to access local water reserves. These wells feed into a newly constructed 400 m³ reservoir, now in its final stages. To connect these facilities to households, a completely new pipeline network of over 23 kilometers has been built.



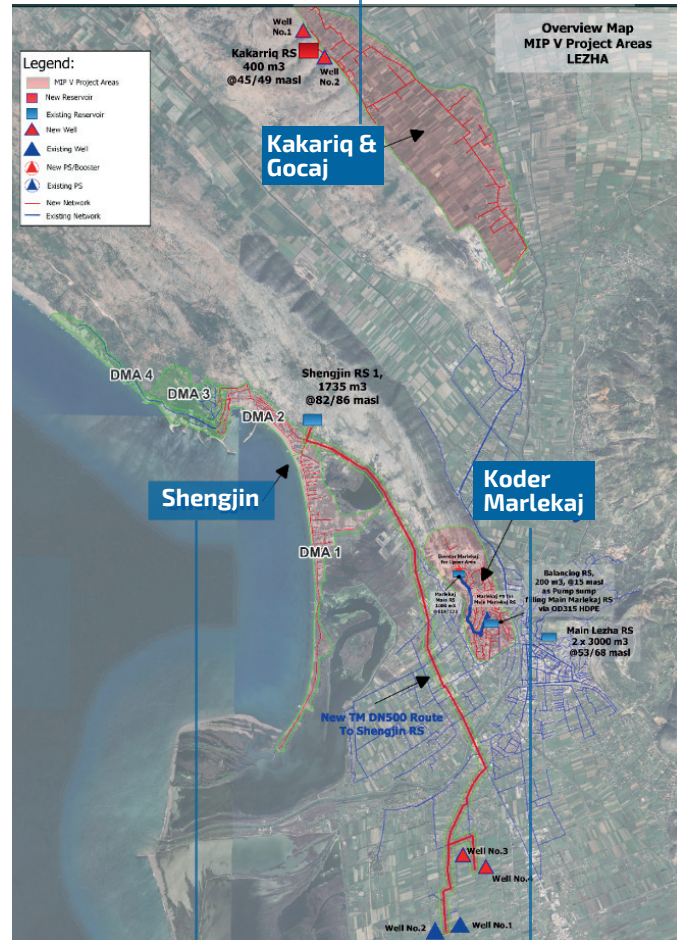
In **Kodër Marlekaj**, despite difficult conditions in the rugged and rocky terrain, 6.5 kilometers of a planned 13.5 kilometer pipeline have already been successfully laid.



Shengjin, one of Albania's top tourist destinations, is set to overcome its chronic water supply problems with a major infrastructure upgrade. The project rehabilitated a section of 3.8 kilometers of the DCI 500 water transmission line resulting in a major improvement of the distribution network of Shengjin.

Huge pipes with a diameter of 500 mm diameter are now assuring 24/7 water supply for Shengjin.

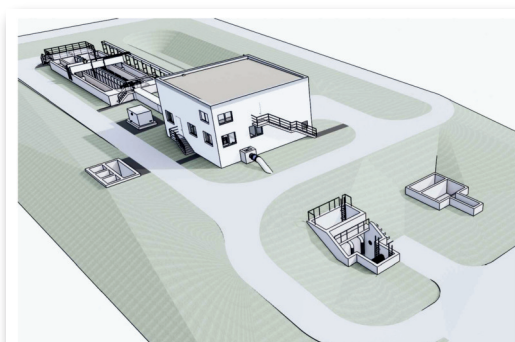
2 new wells, new reservoir and new distribution network (over 16 km pipes)



About 3 km new transmission main and rehabilitation of existing wells

New distribution network (over 13.5 km pipes) and booster pump station

Upgrading Wastewater Treatment Plant



Detailed technical measures for modernising the wastewater treatment plant and protection of environment:

- Rebuilding of mechanical treatment unit
- New inlet pumping station
- New fine screen building
- New Venturi Parshall flume for flow measurement.
- New aerated grit and grease chambers with blowers
- New biofilter for odor removal
- New phosphorus removal plant.

Disaster Risk Management

Comprehensive revision and redesign for the entire stormwater and wastewater infrastructure of Lezha

 **Storm and flood protection** &  **Waste Water System**

The plan and the concept

Lezha has a mixed system regarding its wastewater and stormwater network. This project shall start to divide them in order to increase the performance of the infrastructure regarding wastewater treatment and finally prevent flooding events in the town. The following two complementary sets of measures will be implemented:

- **Deviating and catching stormwater:** drain the accruing stormwater flow from "high level areas" (at the hillsides) via stormwater culverts in gravity flow to the Drini River, respectively to Manatia Stream in order to avoid flooding of the city centre,
- **Separation of stormwater and wastewater** in the network;



Stormwater culvert - catching and draining stormwater

Technical measures:

- Construction of approximately 1.5 km of stormwater main collectors
- Building of a stormwater pumping station with a capacity of 3 m³/sec
- Construction of 1 km of additional / new wastewater network
- Rehabilitation of the existing wastewater pumping station.

Early warning system and emergency plan

The response scheme to cope with a flooding alert in Lezha involves a systematic and coordinated approach to mitigate risks, ensure public safety, and minimize the impact of the flood event. The detailed plan has been developed with the support of WPIP / MIP V project jointly with key responsible staff of UKR Lezha, Prefecture of Lezha, General Directorate of Civil Emergencies of the municipality of Lezha and the irrigation board of Lezha, who are responsible for preparing plans for Disaster Risk Management (DRM).



Stormwater flow simulation scheme



Public Hearing Lezha - 27.12.2024



Download Local Emergency Plan Lezha

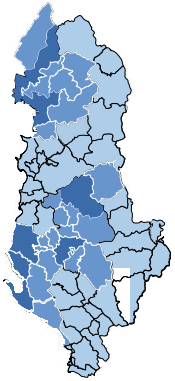


Download Presentation from Public Hearing 27.12.2024

Key figures of citizens benefiting from the WPIP / MIP V investment measures in Lezha

1. Water supply improvement (new net, new HC) for 5,000 inhabitants of Koder Marlekaj and 3,000 inhabitants of Kakariq-Gocaj;
2. Improved supply hours for 20,000 – 80,000 people during Shengjin touristic season;
3. Improved sanitation and storm water management for 20,000 citizens of Lezha;
4. Improved bathing water quality from improved waste water treatment for 50,000 people.

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



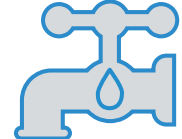
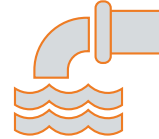
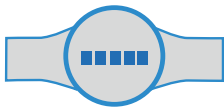
WPIP / MIP V program supports 6 regional water companies

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**

