

## Ensuring access of drinking water in Lukavac, Bosnia and Herzegovina

- **Investor:** The Czech Republic - Czech Development Agency, Ing. Michal Pastvinský, Director, tel: 602 657 969  
- The Town of Lukavac, Džedad Mujkić, The mayor of Lukavac, tel:+38735 553 554
- **Contractor:** MEVOS spol s r.o.
- **The period of construction:** 2011-2012
- **Costs:** 17,5 mil CZK (of which 12,2 mil CZK paid od FDC)
  
- **About the project:**

Lukavac is located approximately 80 kilometres north of Sarajevo in Tuzla canton in the Federation BiH, near the town of Tuzla, with 57,000 inhabitants and an area of around 353 km<sup>2</sup>. The city has an industrial character; it has a broad range of factories and industrial plants.

At the beginning of the projects the town's water treatment system and the quality and distribution of it's drinking water were unsatisfactory. The technology itself and the water treatment equipment is 50-60 years out of date. Drinking water is distributed to residents, despite the excessive amount of manganese oxides and nitrogen.

A new source of drinking water will be purpose 4-6 drilled wells connected via a new storage tank with a new pumping station with a plumbing feeder the length of around 3.1 km, and a new water treatment plant that will supply the existing reservoir "Določaj" the capacity of 2x1000 m<sup>3</sup>. The project's first phase addresses the implementation of the technological equipment of two drilled wells with a capacity of 2 x 15 litres per second, a pumping accumulation station with a capacity of 50 m<sup>3</sup>, and a water pipeline with a length of 3.1 kilometres. The documentation of the technological part of the project and the study of the future new water treatment will be implemented in the second phase of the project.

