

## The success of the project in Ulcinj - Last summer town had regularly water supply

Written by Administrator

Sunday, 20 September 2015 14:39

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First time in last four years, despite the driest and warmest summer in the last ten years, and the fact that this year Ulcinj visited a record number of tourists which was significantly increased water consumption, water supply system in Ulcinj were able to provide regularly supply with water all consumers without, in previous years the usual reduction.

This is merit of the project Institutional Strengthening of the water supply, which is carried out by German consulting company Sachsen Wasser from Leipzig.

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Technical component of the project is defined measuring zones in the system, whereby the DMA 8 was chosen for the Pilot Zone 1 where was performed comprehensive water loss reduction campaign.

The pilot zone encompasses the area from the Gac source up to the Green Market in the city center, and contain of two sub-zones. One sub-zone is located in the rural and the other in the urban part of the municipality. It is one of the largest zones in the system in which exist almost 3,000 connections, where was assumed to exist a large amount, both physical and commercial losses.

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In the first half of this year was performed Water loss measurement action as basis for water balance and performance indicators analysis. Measurements have shown the presence of large physical losses in rural sub-zone of the pipeline DN250 mm between Ga? and Kolomza and therefore is in the area carried out an urgent sound leak detection campaign . The aim of this campaign was to detect and repair existing leakages before the start of the tourist season.

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New circle of hydraulic measurement and water balance calculation showed that the performed action was a great success and resulted in a reduction of losses in the amount of 8 l / s.

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justify;"><span style="font-size: 12pt; font-family: 'times new roman', times;">In addition to these actions were adopted commercial procedures for the reduction of the apparent (commercial) losses. These procedures are initiated more accurate and more efficient reading of water meters.</span></p> <p style="text-align: justify;"><span style="font-family: 'times new roman', times;"> </span></p> <p style="text-align: justify;"><span style="font-size: 12pt; font-family: 'times new roman', times;"><a href="images/smanjenje%20ulcinj220150609\_103030.jpg"></a></span></p> <p style="margin: 7.5pt 0cm 11.25pt; line-height: 12.15pt; text-align: justify;"><span style="font-size: 12pt; font-family: 'times new roman', times;">All performance indicators have improved. Infrastructure Index leakage (ILI) was reduced from 25.7 to 9.1. Losses expressed per connection per day decreased from 918 to 232 l / connection / day, while losses per meter of pipe reduced from the 24.7 to 10.6 m3 / m pipe / hour.</span></p> <p style="text-align: justify;"><span style="font-family: 'times new roman', times; font-size: 12pt; line-height: 12.15pt;">Due those good results achieved in the pilot zone 1, representatives of VIK Ulcinj on the last progress meeting expressed the requirement to carry out the same actions in the DMA 10 which covers area between Great Beach in the east. The intention of VIK is that with the help of the consultant's expert Djevad Koldo, who on behalf of Sachsen Wasser led all water loss reduction actions on this project, to achieve the same or similar results in the new pilot zone.</span></p> <p style="text-align: justify;"><span style="font-size: 12pt; font-family: 'times new roman', times;"><a href="images/smanjenje%20ulcinj342015-06-08%2010.55.57.jpg"></a></span></p> <p style="margin: 7.5pt 0cm 11.25pt; line-height: 12.15pt; text-align: justify;"><span style="font-size: 12pt; font-family: 'times new roman', times;">How these two zones together cover more than 60% of the entire water supply system of Ulcinj, that way will be solved a number of problems with the water supply, which could not be solved until now .</span></p> <p style="text-align: justify;"><span style="font-size: 12pt; font-family: 'times new roman', times;"> The project in Ulcinj is financed by KfW, through the Joint Service and Coordination Company for Water and Waste Water Services for the Montenegrin Coast, Vodacom doo Tivat and will last until July 2017.</span></p> <p style="text-align: justify;"><span style="font-family: 'times new roman', times;"> </span></p> <p style="text-align: justify;"><span style="font-family: 'times new roman', times;"><span style="line-height: 16.2px;"> </span><span style="line-height: 16.2px;"> </span><span style="font-size: 12pt; line-height: 12.15pt; text-align: left;">New circle of hydraulic measurement and water balance calculation showed that the performed action was a great success and resulted in a reduction of losses in the amount of 8 l / s.</span></span></p> <p style="margin: 7.5pt 0cm 11.25pt; line-height: 12.15pt;"><span style="font-size: 12pt; font-family: 'times new roman', times;">In addition to these actions were adopted commercial procedures for the reduction of the apparent (commercial) losses. These procedures are initiated more accurate and more efficient reading of water meters.</span></p>