

# Vodacom Newsletter

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## COMMENCEMENT OF WORKS ON THE WATER SUPPLY NETWORK IN KOTOR AND TIVAT

Works within the "Water Supply and Sanitation Adriatic Coast V1, Immediate Measures" Project commenced near the Elementary School "National Hero Savo Ilic" in the settlement Dobrota on 5 February 2018.

The works within the Contract for the Municipality of Kotor involve:

- Construction of the secondary and tertiary water supply network with reconnection of households in the settlements St. Stasije, section from the market Idea to the Psychiatric hospital, settlement, Daosine and "industrial zone" in Kotor.
- Improvement of the control and maintenance of the water supply system in Kotor.



The Vice-Mayor of the Municipality of Kotor, Mr. Milivoje Samardzic asked for the patience of both parents and pupils, because the works will be partially implemented in a heavy traffic area and very narrow street leading towards the above-mentioned school, where it is already difficult to provide smooth traffic flow. He praised cooperation with Vodacom and the Contractor which has a 15 year cooperation with the Municipality of Kotor.

According to Mr. Safet Lukovic, General Manager of "doo. Vodovod i Kanalizacija" Kotor, "Water Supply and Sanitation Adriatic Coast V1" is one of the most important infrastructure projects in this year". He announced the other works on almost entire territory of this municipality.

Technical Director of ViK Kotor, Mr. Velemir Dragic, stated that the major part of this project is related to the replacement of the water supply network, like in the previous project phases.

The responsible person on-site, Mr. Vojislav Jovic, an engineer, stated that this project presents a big challenge for *Jedinstvo*.

"We will make every effort to meet the deadlines", stated Mr. Jovic, and added that *Jedinstvo* has already implemented two projects in Kotor, and many more in Montenegro.

The total value of the Contract with *Jedinstvo* for mandatory works is Eur 734,704.00, and Eur 152,817.43 for Optional works. Funds are provided from KfW's loan in the amount of Eur 615,900.00, and the own contribution of the Municipality of Kotor in the amount of Eur 271,621.50.

Works under the "Water Supply and Sanitation Adriatic Coast V1, Immediate Measures" in Tivat commenced on 15/01/2018. Mandatory works under Contract for Tivat include:

- Construction of the water transmission pipeline from the connection point - "Obala Djurasevica" to the reservoir "Radovici".
- Construction of a secondary sewerage network for connecting settlement Krasici to the existing sewage system.

The Contract for mandatory works amounts to Eur 1,912,970.00, while the amount of Optional works is Euro 845,079.36, and it will be fully financed from KfW's loan.

Implementation of projects in Kotor and Tivat continued in March. Addenda for implementation of Optional works for both contracts were signed in March as well.

The optional works for Tivat include the construction of the secondary and tertiary sewerage network in the higher zones of the wider center of Tivat - the settlements Mazina, Tripovici, Donja Zupa and Gornja Zupa.

The optional works for Kotor include the construction of water supply systems, secondary and tertiary networks with re-connecting of households in the settlements Kamp and Orahovac.

The Contract will be implemented in accordance with FIDIC and KfW procedures. Project implementation it will be coordinated by Vodacom, as the Project Executing Agency (PEA) for the overall "Water Supply and Sanitation Adriatic Coast" Programme.

The implementation consultant for this contract is the consulting company Fichtner from Germany.

## VODACOM CELEBRATED THE WORLD WATER DAY

On the occasion of March 22 - World Water Day, this year Vodacom's initiative was focused on cultivation of green areas and renovation of the small square located between the cultural center *Gracija Petkovic* and the former building of the Municipality of Tivat. The action included planting a large number of diverse flowers, and refurbishing the square plateau.

This activity was jointly financed by Vodacom, water utility Vodovod i kanalizacija doo Tivat, Tivat Municipality and the Public Utility company which financed the works and supplies for the square renovation.

In addition, it was supported by the Tourist Organization of Tivat, Cultural Centre, Public preschool institution *Bambi* and the flower shop *Djurdja* from Tivat.



Due to adverse weather conditions, it was not possible to organize an event on the aforementioned square, and therefore the attendees gathered in Vodacom's premises. Representatives of Vodacom and the Public Utility company conveyed to the pre-school children of kindergarten *Bambi* the importance of water and its conservation, described different plants species planted in the grass lawn area on the square, whereby children received flower seedlings and water bottles.

Vodacom celebrates the World Water Day in line with the theme proposed by the United Nations each year. This year's theme is: 'Nature for Water'.

Campaigns organized by Vodacom are aimed at identifying ways to inspire more organizations to get involved, and educating and motivating the youngest to participate in building a more sustainable world.

The World Water Day is an opportunity to raise awareness and encourage actions to save and conserve water, and to use it rationally as a precious and limited resource.

## ANNUAL BENCHMARKING REPORT

In February 2018 Vodacom produced Annual benchmarking report on performance indicators of the ViKs for 2016.

Benchmarking is a regular activity being performed since 2003 by Vodacom in order to collect data of the performance of the local water utilities in a systematic manner and on permanent basis, which are then used for setting performance indicators on monthly, quarterly and annual basis.



In this manner it is possible to obtain a realistic image on the performance of water utilities. Based on information obtained from benchmarking, it is possible for the management to perceive which segments of business operation need additional efforts and resources so that the overall performance of the water utilities could be improved.

## GROUNDBREAKING CEREMONY IN ZALJEVO, BAR

On 27 March 2018 there was a groundbreaking ceremony in the settlement Zaljevo in Bar, for the Construction of access road for the Reservoir "Zaljevo I".

The ceremony was attended by Mr Dusko Markovic, Prime Minister, Mr Branimir Gvozdenovic, Vice-President of the National Parliament, Dr Zoran Srzentic, Mayor of Bar with his associates, representatives of the Employer - ViK Bar, representatives of the Contractor - MPP Jedinstvo from Uzice, representatives of Vodacom, consultancy Dahlem, designer Exploring from Niksic, representatives of the local community and citizens from this area.

This access road makes an integral part of the Project for the Water Supply system for settlements Polje, Zaljevo, St Ivan and Mala Volujica, which Phase I involves the following works:

- Construction of connections to the regional water supply pipeline for settlements Polje, Zaljevo and St. Ivan.
- Construction of Rezervoar "Zaljevo I", with pumping station for the supply of the settlement St. Ivan.
- Construction of an access road for the Reservoir "Zaljevo I" and measuring control block.
- Construction of pipeline within measures for the improvement of settlements Polje, Zaljevo and St. Ivan.

Total estimated value of this project is Eur 900, 000.00.

Funds are provided from KfW's loan. Works are implemented by MPP Jedinstvo, the Engineer is consultancy Dahlem from Germany, and Vodacom is the PEA.

### VISIT OF AUSTRIAN WATER MANAGEMENT COMPANIES

Representatives of Austrian water management companies paid their two day visit to Montenegro which was organized by the Department of Trade of the Austrian Embassy in Podgorica. These companies provide a wide range of waste water treatment technologies, drinking water treatment, and water supply.



At meetings with local companies, institutions and experts from this field organized on 21 November in Tivat, Vodacom gave a presentation of its projects in the water supply and wastewater sector on the Montenegrin Coast. Regional Water Supply Company (PEW) also presented their project.

## ECOLOGICAL CURIOSITIES

**BBC:** The planet is facing a threat of running out of drinking water

The South African town of Cape Town could become the first big city in modern history facing drinking water scarcity, but this danger threatens other places on the planet as warned by experts. Drinking water shortages can become a serious problem for residents of Moscow, Istanbul, London, Tokyo, Miami and Mexico. UN projections show that global demand for fresh water will surpass stock by 40 percent by 2030, thanks to a combination of climate change, human action, and population growth.



Further information available on:

<http://www.bbc.com/news/world-42982959>

### **Unfortunate whale washed up dead with 29 kg of human trash in its stomach!**

Worrying news coming from Spain regarding a whale found dead at a beach in the province Murcia, southeastern Spain. It was found out that the whale had almost 29 kg of rubbish in his stomach. Experts explain that the whale's digestive system was blocked by consumed rubbish, causing death of this 10-meter male.

Ecologists have long warned of a dramatic increase in the amount of plastic in the seas. So, in the BBC's Blue Planet, David Attenborough warned that the oceans became a "toxic soup" of industrial waste and plastic. Plastic can be found everywhere, even in the most remote areas.

Further information available on:

<https://www.slobodnadalmacija.hr/more/vijesti/clanak/id/541230/nesretnog-kita-ubilo-29-kg-plastike-obdukcija-pokazala-da-je-progutao-nekoliko-plasticnih-vrecica-ostatke-ribarskih-mreza-i-uzadi>

### Antarctic royal penguins could disappear by the end of the century

"If global warming continues at the current pace, this species could completely disappear by the end of the century," warned Le Bohec. Given that climatic changes affect the transfer of fish and squid that the diet of royal penguins depends on, these large birds must swim further than ever to find food for their hungry young cub. "For most penguin colonies, the lengths of their summer 'trips' to their parents looking for food will soon be so long that youths may die from starvation", warns a scientist.



Further information available on:

<http://www.bokanews.me/prst-u-more/antarkticky-kraljevski-pingvini-do-kraja-stoljeca-mogli-nestati/>

### Luxury resort by the sea is worth 680 million dollars

After Dubai "reached the sky" by building very luxurious and very expensive hotels with the famous Burj al Arab, with the last floor of nearly 200 meters high, this city was architecturally embarked on the sea, building the world's first luxury resort on the water underwater.



A \$ 680 million project, scheduled for 2020, is called "Floating Venice" and is planned to be implemented at a location four miles south of the mainland.

Further information available on:

<http://www.bokanews.me/prst-u-more/luksuzno-odmaraliste-moru-vrijedno-680-miliona-dolara/>