

Vodacom Newsletter

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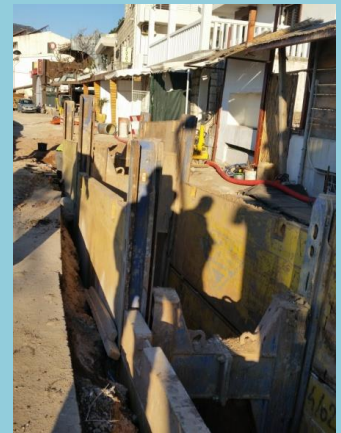
Status of Phase III in Bar

Works on the construction of water supply and sewerage infrastructure within Phase III of the Water Supply and Sanitation Adriatic Coast are underway in Bar. These include the construction of 5.8 km of water supply network, 19.2 km of fecal network, 1 km of storm water network, a pumping station with the construction of the new sea outfall "Sutomore" and the reservoir "Susanj 2".

Works are in progress on the PS "Botun", reservoir "Susanj 2", secondary sewer main in Bjelisi, sea outfall "Sutomore", secondary sewer main in Canj, main coastal sewer main in Sutomore (Promenade Ivo Novakovic), secondary sewer main in the northeast of Sutomore. Total value of the works carried out from October to December is Euro 652.284.



Sea outfall – before immersing



Route of sewer main Ivo Novakovic in Sutomore

The Contractor is MPP Jedinstvo from Sevojno (Uzice), Serbia, and the FIDIC Engineer is Dahlem from Germany. Vodacom is the Project Executing Agency (PEA). The value of works is Euro 8.329.530,14. Funds are provided from the Phase III loan of KfW in the amount of Euro 7.651.883,00, while the amount of Euro 521.647,00 has been provided from the municipal budget, and Euro 156.000,00 is KfW's grant.

The project completion date is 25th of February 2018.

Status of Phase III in Herceg Novi

Works on the construction of 35.3 km of water and sewage network, 13 pumping stations and a sea outfall are in progress in Herceg Novi. The Contractor worked on the excavation of remaining sections before PS Zelenika, and he carried out preparatory works for landscaping and access road and paths at PS Meljine Roundabout. Approximately 99% of the contracted pipeline length has been installed.

Works are carried out by Celtikcioglu from Turkey, the Engineer is Dahlem, while Vodacom manages the entire project. The total value of the Project is Euro 18,522 million.

Within the project of implementation of a WWTP in Herceg Novi, the Contractor continued activities in the WWTP units, drainage, sewage on site, outside lighting and electrical cables, and reorganization of the manpower at the site.

The percentage of completion of the contracted works to date is 96%. The Employer is expected to deliver wastewater to the plant, what depends on the dynamics of implementation of the contract with Celtikcioglu. From October to December the Contractor was providing mechanical and electrical equipment that will be installed during the next quarter. Workshop tools have been purchased as well.

Works are being carried out by the consortium Mass Gintas, the Engineer is Dahlem, and the PEA is Vodacom. The total amount of the Project is Euro 8,838 million. The future WWTP will have capacity for 65,300 PE.



Status of Phase III in Tivat

Within the Project for the construction of 17,6 km of sewerage and 14,6 km of water network with 6 bigger and 6 smaller PSs in Tivat at the Lustica Peninsula the Contractor has been removing outstanding defects in accordance with the instructions from the Engineer. Technical equipment of facilities and equipment in accordance with legal regulations was planned for the next period. The taking over of the works by the Employer was planned for the 14th of April 2016. From October to December the Contractor was removing defects determined at the time of taking-over by the Employer. The Contractor was Ludwig Pfeiffer from Germany. The Engineer was Dahlem, while Vodacom managed the entire project totaling Euro 9,491 million.



Status of Phase IV – WWTP for Kotor & Tivat

Within implementation of Phase IV of the Project for the construction of the joint WWTP for Kotor and Tivat, in the period from October to December the Contractor performed testings envisaged by the contract and removed the shortcomings identified in the takeover certificate issued by the supervising engineer.

The WWTP was inspected by environmental, thermal energy, water and electrical energy inspection, and this was followed by approval of the trial operation of the plant by the construction inspection for a period of 6 months. After that the facility was technically accepted.

It is necessary to form a joint company to manage the WWTP, and to train the Employer's staff to manage WWTP so that it can continue to independently manage the plant after two year period (the obligation of the Contractor).



The Contractor is WTE Wassertechnik (Germany), while the Engineer is GkW Consult (Germany). The future WWTP for Kotor and Tivat will have capacity for 72.000 PE. The Project value is Euro 10,247 million. Funding is provided by KfW loan of which 58% should be repaid by the Municipality of Tivat and 42% by the Municipality of Kotor.

Status of Phase V2 – Long term measures for Tivat, Kotor i Herceg Novi

Regarding the Phase V – Component 2 – Long term measures for Tivat, Kotor and Herceg Novi, Invitation to PQ for the Implementation consultant was announced on the 28th of December 2016. Invitation was posted on the GTAI (Germany Trade and Invest) at:

<http://www.gtai.de/GTAI/Navigation/EN/Trade/search-kfw-tenders,t=consulting-services-construction-supervision-for-water-supply-and-sewage-disposal,did=1615118.html>

The PQ documentation was supposed to be submitted by the 31st of January 2017. The implementation Consultant will be responsible for the production of detailed designs, tender documentation for the works contract (FIDIC Pink book) and supervision of the construction works for priority long term investment measures from the Preparatory Study prepared by the Consultant for the preparation of the project, the company Fichtner.

The total value of investments included in the next Project stake will amount to Euro 23 million, with 24 month construction period. The envisaged duration of services is approximately 4 years.

Expert workshops organized by Vodacom and ICAM

Within the project for expert support in resolving dilemma regarding recording of fixed assets from the Water Supply and Sanitation Adriatic Coast Projects there were two workshops held on the 7th of October and the 4th of November 2016 and organized by Vodacom and the Institute of Certified Accountants of Montenegro (ICAM).



Workshops were conducted by Mijat Jocovic from the Faculty of Economy in Podgorica and certified auditors Ljerka Momcilovic, Zorica Vukovic and Vesna Radunovic.

It was attended by representatives of water utilities from Ulcinj, Bar, Kotor, Tivat and Herceg Novi. Discussed topics were related to improvement of accounting function in public sector of Montenegro, harmonization with new legal regulations, accounting aspect and reporting in accordance with international standards.

The workshop was aimed at introducing participants with the relevant legal regulations and sharing information and opinion of representatives of Municipalities and water utilities from Ulcinj, Bar, Kotor, Herceg Novi and Tivat and the Ministry of Sustainable Development and Tourism and the Ministry of Finance regarding the so far practice in recording fixed assets.

World Toilet Day 2016

On 24th of July 2013 the UN General Assembly designated 19th of November as the World Toilet Day in order to support efforts in improving hygiene and achieving access to adequate sanitation for all, as well as in putting an end to open defecation.

Before asking why there is a World Toilet Day, and whether this might be a joke, we have to look at the following worrying data presented by the World Health Organization:

- 2.4 billion people on earth live without basic sanitation
- Globally, 315,000 children perish from diarrhoea caused by poor sanitation and unsafe water every year
- One in ten people has no access to toilets, and no choice but to defecate in the open, what has dramatic consequences for human health and the environment
- Disease transmission at work, mostly caused by poor sanitation and hygiene practices, causes 17% of all workplace deaths
- Reduced productivity due to illnesses caused by lack of sanitation and poor hygiene practices is estimated to cost some countries up to 5% of GDP
- Out of 7 billion people, even 6 billion have mobile phones, while one in three people worldwide, or 2.4 billion people lack basic sanitation

Vodacom at International Benchmarking Workshop in Budva

Vodacom participated at international benchmarking workshop held in Budva, in Avala Hotel from the 23rd to the 25th of November 2016, organized by Danube Water Programme for Ex-Yu countries.

The workshop was aimed at international activities of monitoring performance of the companies participating in EBC platform from Bosnia and Herzegovina, Croatia, Serbia, Montenegro, Macedonia and Slovenia.

On the first day of the workshop, within the national benchmarking part, Ms. Sanja Bujisa, Financial Analyst of Vodacom gave a presentation entitled: "Vodacom as an initiator of benchmarking in Montenegro".

During 2016, Vodacom continued to work within EBC, which is aimed at improving the national benchmarking programme that relies on the methodology of the World Bank. After joining the project for launching a Regional platform for benchmarking of water and sewerage companies within the EBC, this year Vodacom continued cooperation with the Danube Water Programme and worked on making entries and control of annual benchmarking data for 2015.





European benchmarking cooperation is aimed at facilitating water supply and sewerage companies from Europe to continuously improve efficiency and transparency through international benchmarking programme, providing a platform for exchange of best management and operation practices, as well as the exchange of knowledge and experience in various fields of business, thereby contributing the VIKs to become active partners in identification and implementation of best practices in the water sector.

Visit of German Journalists to WWTP in Djenovici

A group of journalists making a reportage on the German Development Bank (KfW) loan financed Projects visited WWTP for Kotor and Tivat in Djurasevici on the 18th of October 2016.



Upon visiting the WWTP journalists had a meeting with representatives of the Contractor - WTE Wassertechnik, and the representatives of the Municipality of Tivat and Vodacom.

Ecological curiosities

China's new attraction: Floating Walkway (VIDEO)

In order to attract tourists, Chinese from the northwestern province Guizhou set on the Hongshui River a huge floating walkway. The walkway is 50 km long and covers an area of 54,000 square meters.

The promenade is decorated with trees and thousands of colorful lamps, to treat the tourists at night to a dazzling display.

For further information see:

http://www.b92.net/putovanja/vesti.php?yyyy=2016&mm=07&dd=10&nav_id=1153534

VIDEO: Take a virtual tour to the Arctic

After years of record-breaking temperatures the Arctic ice is melting. In the summer of 2016, the Northwest Passage was ice-free, enabling cruise ships to visit in one of the remotest places on earth.

The "Guardian", however, come at a much more acceptable idea - a virtual tour to the Arctic, so that you too can become a witness of direct consequences of human behavior on the change of our planet.



For further information see:

<http://cdm.me/zabava/zanimljivosti/krenite-u-virtuelni-obilazak-arktika/>

World lakes are disappearing (photos)

Climate change and human activities threaten the existence of some of the world's largest lakes. These photos document the dramatic changes in the landscape in Bolivia, the Middle East, China and West Africa..

For further information see:

<https://www.theguardian.com/global-development-professionals-network/gallery/2016/dec/09/the-lakes-of-the-world-are-disappearing-in-pictures>