



World Resources Restart

Veolia Group develops local solutions with global expertise

The increasing demands of the densely populated and urbanized world are rapidly depleting the planet's natural resources. Climate change impacts adversely not only life on the planet, but endangers whole communities and national economies as well. Radical measures are necessary to transform consumption and production models, so as to protect and replenish the resources.

Veolia Group is a global leader in the provision of technical and energy-efficient solutions in the field of water, energy and waste management that contribute to

the sustainable development of communities and industries.

[Veolia](http://www.veolia.bg) has been present in Bulgaria since 2006 www.veolia.bg with its three companies – Veolia Energy Varna, Veolia Solutions Bulgaria and Sofiyska Voda, and optimizes successfully the energy consumption and water cycle management of its municipal, commercial and industrial customers.

The long-term vision of the company for Bulgaria is to apply its international expertise and rich experience by developing smart solutions for energy efficiency and optimized management of the energy and WSS services on the local market. Thus, the company reduces the operating costs and energy and water consumption of its municipal, commercial and industrial customers, and that guarantees carbon footprint reduction in addition to cost savings.

The examples speak for themselves: Veolia Energy Varna saves around 17-18%, on average, of the primary fuel and the same percentage of emissions thanks to the renovation of the service substations with modern systems for monitoring and effective management of the heat energy generation and transmission. With the replacement of the internal building hot water pipes at the end of 2020, 80% of the buildings provided with that service were

with replaced new piping systems. As a result, the loss of heat energy in these systems decreased between two and five times, which leads to

lower bills for the customers

of Veolia Energy Varna. Today 70% of the customers have remotely-read measuring devices. The old vertical hot water pipes are replaced with new horizontal ones and the energy consumption in the common areas of the residential buildings has decreased up to 10 times.



Through Veolia Energy Varna and Veolia Solutions Bulgaria, we develop and offer in Varna innovative solutions for increasing the energy efficiency and the production of renewable energy”, says Denislav Denchev, CEO of the two companies. And adds, “In all types of buildings – from trade centers, retail chains, office and administrative buildings to airports, hospitals and hotels, the energy optimization we implement saves a lot of costs to the customers and at the same time reduces the harmful emissions, thus protecting the environment.

Back in 2014, the German-Bulgarian company Fraport, concessionaire of Varna and Burgas airports, sought a professional partner, capable of covering a wide range of services related to the maintenance and operation of airports, guaranteeing the quality of the services and applying the highest European standards. Veolia fully meets those expectations, offering preventive and emergency maintenance of all heating, ventilation and air conditioning systems and equipment, a wide range of additional technical services, guaranteed 24/365 monitoring, boiler automation and excellent quality of the KPI reporting.

As part of its innovation focus, Veolia constantly upgrades

the digital solutions and services

it applies in its operations and offers to its clients to support their drive for efficiency and transparency.

One such tool that the Group uses in Bulgaria is called [Hubgrade](#) - it is an innovative monitoring and analysis system, which contributes to the reduction of energy and water consumption and allows efficiency measurement and optimization of buildings and of technical infrastructure. It helps Veolia improve the provided services in partnership with municipal, business and industrial customers whilst reducing carbon emissions, producing green energy, protecting the environment, developing water and energy efficiency and resourcing the world.

"For Varna, as the maritime capital of Bulgaria, there is a great number of applicable innovative solutions of Veolia from around the world, related to the specific needs of maintenance and operation of facilities in coastal cities, as well as to the quality of water for bathing and consumption purposes", shares Denislav Denchev.



Veolia develops tools to collect and transfer meteorological and field data to central servers, which, in turn, analyze and forecast

the water quality.

The citizens, as well as the local authorities in coastal cities, have direct access to this system, which visualizes the pollution diffusion in the water and allows timely measures to be taken.

Another good example is the La Baule Beach in France, which following the severe weather conditions during the winter of 2013/2014 sees an urgent need of modernization due to deteriorating infrastructure. Veolia has taken up the challenge and implemented its high operating standards in the cleaning of the beach and the maintenance of the public facilities. Thanks to Veolia's expertise and the conducted large-scale study on effects of wind and sea, the company has established new infrastructure with the appropriate resources and materials. The result is the active speeding up of the economic development in the region and stability in case of future incidents due to bad weather or climate change.

Coastal cities worldwide have specific needs,

for which Veolia offers adequate solutions. In Spain the company establishes systems to produce desalinated drinking water for hotels on a daily basis and meet all customers' needs. The investment in this technology designed by Veolia leads to reduction of the costs for water production and high customer satisfaction.

In case of extreme events, such as floods, for example, Veolia has the expertise to take large-scale actions for minimizing damage in waste management: industrial cleaning after floods, supply of drinking water through its desalination, urgent repairs on the WSS networks, equipment for collection of municipal and industrial solid and liquid wastes together with the municipal authorities in the affected regions.

Through the services offered on the Bulgarian market, Veolia contributes to the protection of resources, reduction of carbon emissions and circular economy development, thus becoming part of the ecological transformation in the country.