

NEWSLETTER

JULY 2023



LIFEWATEROIL

The **LIFE20 ENV/BG/001042 LIFE WATEROIL** Project is implemented jointly by LUKOIL Neftohim Burgas AD, Burgas Municipality, "Prof. d-r Asen Zlatarov" University and the Italian biotech company Eurovix. The Project is co-funded by the European Union under the LIFE program as an initiative that will improve environmental quality.

Odor test measurement was conducted on June 23, 2023 on the territory of LUKOIL Neftohim Burgas AD. The measurement involves experimental application of the "Methodology for the application of good practices of olfactometry for the assessment of air quality and the management of unpleasant odor"

developed under the "Process water treatment unit for better management of river basins" – LIFE WATEROIL Project. Representatives of Burgas Municipality, Regional Inspectorate of Environment and Water - Burgas, LUKOIL Neftohim Burgas AD and "Prof. d-r Asen Zlatarov" University took part in the test. The test participants assessed on-site the air quality in the Atmospheric-Vacuum Unit that will be improved after the implementation of the project events. The goal of the measurement is to assess the existing situation before the implementation of the planned events and to conduct a test by filling in a scorecard based on the impact on the olfactory organs.



Another olfactory measurement of air quality was held on July 10, 2023 with the participation of the Greek company Envirometrix. The company holds an EN 13725 certificate and performed a specialized ambient air sampling on site. The samples are collected in special polymer balloons preserving the original air quality. The olfactometry itself will be carried out in a specialized laboratory in the Netherlands. The hedotonic tone of the sample will be determined, based on which the substance concentration at which odor sense appears is found.



The results of the two measurements (laboratory and assessment) will be compared and used to evaluate the effectiveness of the LIFE WATEROIL project after its commissioning and developing the methodology for assessing the spread of unpleasant odor.

Let's take a peek into the (under)water world!



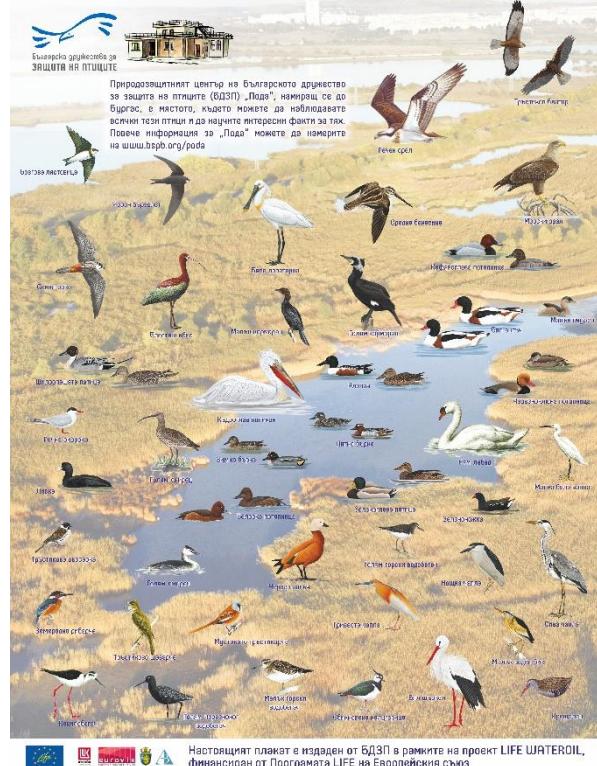
This was the motto of the art installation with aquatic animals, performed in the "Poda" Nature Conservation Center of the Bulgarian Society for the Protection of Birds (BSPB). The models are made under the LIFE WATEROIL Project in which BSPB was invited to participate for implementing the educational activities of the project.

The art installation includes the models of 10 aquatic animals, each of which in its own way

represents the amazing world of water and the problems of keeping the wetlands clean. Dozens of visitors learned about the (under)water world and its problems during the three days of presentation of the installation, within the "Green Days" of Burgas Municipality.

Within the LIFE Wateroil activities, BSPB also developed an educational program dedicated to the preservation of wetlands and their inhabitants. The educational tool addressed to nature-loving teachers is based on the long-standing experience in working with students. In addition to basic knowledge about water and natural reservoirs, including the water cycle, the Tool also contains detailed descriptions for working with students outdoors and familiarizing them in the field with as much as possible of what was taught at school and in the theoretical part, studying natural organisms, their interrelations with the environment they inhabit. It also includes problems that the students can solve by applying what they have learned. The team of the "Poda" Nature Conservation Center willingly and enthusiastically works with young discoverers, because it believes that preserving the innate interest and love for living beings and nature in every person is extremely important for building responsibility.

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