

Co-funded by
the European Union

Interreg
NEXT Black Sea Basin

HEALTEN BSB

“Green informatics and raising young people's awareness: Water pollution and its impact on human health and the environment”

Education. Innovation. Protection.

Increasing awareness among young people and teaching staff of water pollution and its impact on human health and the environment through innovative education and green informatics.





GREEN INFORMATICS
Innovative tools and technologies for a sustainable future



A GREENER EUROPE
Contributing to a clean and green Black Sea Basin



STRATEGIC PARTNERSHIP
6 partners from Greece, the Republic of Moldova, Bulgaria, Türkiye and Romania



DURATION
30 months



CONSORTIUM
6 organizations in 5 countries



TOTAL BUDGET
1,319,730.19 EUR
Interreg funding (90%)



COORDINATOR
Municipality of Volvi, Greece



PARTNER
State Pedagogical University “Ion Creangă” of Chişinău



PRIORITY 2: A clean and green region
SPECIFIC OBJECTIVE RSO2.7: Enhancing the protection and preservation of nature, biodiversity and green infrastructure, including in urban areas, and reducing all forms of pollution.

Responsibility for the content of this material rests exclusively with the authors. The content of this material does not necessarily reflect the position of the European Union or the Programme's managing authorities. The European Union cannot be held responsible for any use that may be made of the information contained herein.

Ion Creangă State Pedagogical University in Chişinău is a partner in the project BSB01178 – HEALTEN BSB – “Green Informatics for Student Awareness: Water Pollution and Its Impact on Human and Environmental Health”, funded by the Interreg NEXT Black Sea Basin Programme 2021–2027 under Specific Objective RSO2.7 – Protecting and preserving nature, biodiversity and green infrastructure, and reducing all forms of pollution.

The project brings together six institutions from five countries in the Black Sea region, combining their expertise and resources to develop new ways of educating and engaging young people in environmental issues. The consortium is coordinated by the Municipality of Volvi, Greece, and includes the “Mindspark Plus Civil” Association in Greece; “Dunărea de Jos” University of Galaţi, Romania; “Prof. Dr. Assen Zlatarov” University in Burgas, Bulgaria; Karadeniz Technical University in Trabzon, Türkiye; and “Ion Creangă” State Pedagogical University in Chişinău, Republic of Moldova.

With a duration of 30 months, the project addresses water pollution and its impact on human health and the environment, using methods and tools associated with green informatics. Its main objective is to raise awareness among pupils, young people and teachers about environmental protection, particularly the protection of water resources and the link between environmental health and human health.

One of the project’s central components is the joint development of an educational programme based on the principles of non-formal education and the integration of green informatics. The programme will make use of interactive and experiential learning methods, including educational scenarios and interactive games integrated into humanoid and social robots, in order to help participants understand environmental challenges and encourage their active involvement.

The educational programme will be tested through a joint pilot initiative implemented in the five participating countries, involving approximately 200 pupils in each country and working in collaboration with schools, teachers and educational communities. The educational materials and resources developed through the project will be usable both with social robots and independently of them, helping to facilitate the transfer, wider use and replication of educational activities in different contexts.

Each partner will invest in a humanoid robot into which the developed educational materials will be integrated, ensuring that the activities can continue and be replicated after the project ends. The educational materials developed through the project will be publicly available on the HEALTEN BSB website.

At its core, HEALTEN BSB stands for education, technology and responsibility for a future in which protecting water, the environment and health begins with informing and engaging the younger generation.