What GREENDT Will Do

Develop a Modern Master's Program in Environmental **Engineering**

The project will introduce a new Master's degree focused on sustainability, environmental technologies, and practical problem-solving. The program will be based on international best practices and adapted to Uzbekistan's specific needs.

Establish Environmental Engineering Laboratories

New labs will be set up at five leading universities across the country. These labs will support hands-on training, research, and partnerships with businesses and local governments to test and apply real solutions.

Promote Digital Transformation in Education

GreenDT will modernize the way Environmental Engineering is taught, using e-learning platforms, digital tools, and remote learning methods. This will help reach more students and improve teaching quality across institutions.

Strengthen International Cooperation

Through collaboration with European universities, Uzbek institutions will benefit from shared expertise, joint projects, and long-term academic partnerships.



Consortium

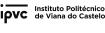
The GreenDT project brings together a diverse consortium of leading institutions from Uzbekistan, Portugal, and Spain, united by a common goal to advance environmental education.

































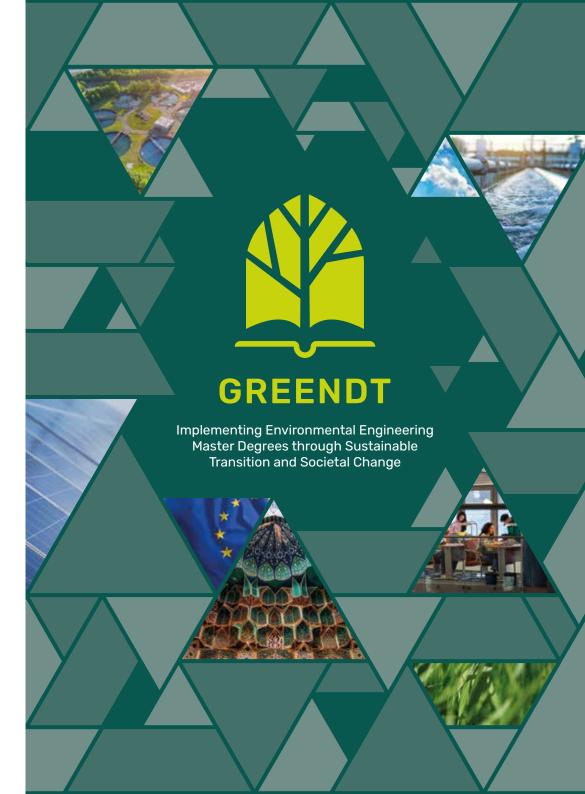
For more information

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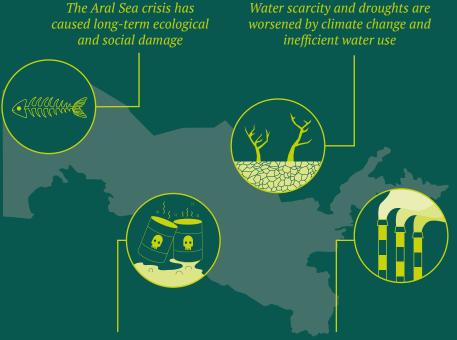


About

The GREENDT project is focused on improving Environmental Engineering education in Uzbekistan by developing a modern Master's program and building stronger links between universities, industries, and public institutions. With support from partner universities in the European Union, the project is part of a broader effort to promote sustainability and align with the goals of the European Green Deal.

Why It Matters

Uzbekistan is dealing with serious environmental challenges that require urgent and informed action:



Loss of biodiversity is happening due to pollution and the destruction of natural habitats Air and soil pollution from industrial activity and poor waste management continues to grow

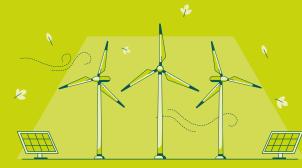
These issues affect not only ecosystems, but also health, food security, and quality of life across the country.

The Environmental Engineering Nexus

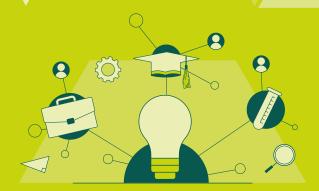
A key part of the project is creating an Environmental Engineering Nexus—a national network that connects education, industry, government, and community organizations. The goal is to encourage collaboration and support long-term environmental solutions by:



Updating institutions and agencies with new knowledge and tools



Supporting the adoption of green technologies and climate-responsible practices



Encouraging joint efforts across disciplines and sectors

A Broader Impact

GREENDT also supports the creation of a National Environmental Engineering Society, which will:



Offer open access to lab spaces, equipment, and information



Create opportunities for collaboration between universities, municipalities, industries, and non-governmental organizations



Help launch startups and businesses focused on environmental innovation