



MINISTRY OF RESEARCH, INNOVATION AND DIGITALIZATION

„DANUBE DELTA” NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT – TULCEA

165 Babadag Street RO 820112 Tulcea, Romania phone +4 0240 531520 fax +4 0240 533547 E-mail office@ddni.ro web <http://www.ddni.ro>

„4 DELTA” DDNI Scientific Event Community, 4th edition

EDAPHIC-BLOOM Danube

May 20 - 21, 2021



Dear Madam / Sir ,

Danube Delta National Institute for Research & Development (DDNI) coordinates the implementation of the project **“Ecological resizing through urban and rural actions & dialogues for GHG mitigation in the Lower Danube Floodplain & Danube Delta (EDAPHIC-BLOOM Danube)”** (http://ddni.ro/wps/edaphic-bloom_en/) within the European Climate Initiative EUKI. The project is in line with national climate policy defined in the *Romania’s Sustainable Development Strategy 2030*, updated according to the 2030 Agenda for Sustainable Development.

Both in the European Union (EU) and worldwide, drained organic soils contribute substantially to anthropogenic greenhouse gas emissions (GHG). In the long term, a complete halt to the drainage of peatlands is required to achieve zero emissions by 2050. On the other hand, buildings are responsible for approximately 40% of energy consumption and 36% of CO₂ emissions in the EU. Deep retrofit of buildings: envelope, energy system, grid integration, renewables, and monitoring can save more than 50% of the energy demand.

The Project “EDAPHIC-BLOOM Danube” aims to strengthen greenhouse gas (GHG) mitigation capacities in the Danube Floodplain and the Danube Delta, by conserving / restoring organic soils and increasing energy efficiency in the built environment sector.

This goal will be achieved by improving mentalities, promoting networking, raising awareness, transferring knowledge and experience on best practices and optimizing the dialogue between authorities, universities, research institutes and the private sector (creating a Cluster of sustainable development) on the reduction of GHGs for the conservation / restoration of organic soils and the improvement of energy efficiency in the built environment sector.

The aim of the symposium is to create a framework for discussion on the environmental objectives of the project with specialists from research institutions and universities, central and local public authorities, private companies, NGOs and civil society and the impact on sustainable development and the European Climate Pact.

We would be honoured to have you in the Symposium as guest (please find attached the Preliminary Agenda) and we invite you to confirm your participation until May 14, 2021. For additional details, from DDNI, the contact person is Edward Bratfanof, e-mail: edward.bratfanof@ddni.ro , phone: +40 751 179184.

With thanks and consideration

Dr. Biol. **Marian TUDOR**
General Director



The Danube Delta National Research-Development Institute has been ISO 9001 and ISO 14001 certified for the implementation and maintenance of an Integrated Quality and Environmental Management System by URS

