

PROJECT PARTNERS

National
Meteorological Administration
Lead Partner, ROMANIA
www.meteoromania.ro



Sensum Ltd.
CROATIA
<https://sensum.hr>



Rába-Duna-Vág European
Grouping of Territorial
Cooperation with Limited Liability
HUNGARY
<https://rdvegtc.eu>



University of Stuttgart
GERMANY
<https://www.uni-stuttgart.de>



Central Danube Development
Agency Nonprofit Ltd.
HUNGARY
<https://kdmfu.hu>



The Republic Hydrometeorological
Service of Republika Srpska
BOSNIA AND HERZEGOVINA
<https://rhmzrs.com>



Association CSEG
BULGARIA
www.cseg.eu



Czech University of Life Sciences Prague
CZECH REPUBLIC
www.czu.cz



Széchenyi István University
HUNGARY
<https://www.uni.sze.hu>



Institute of Hydrometeorology
and Seismology
MONTENEGRO
www.meteo.co.me



University of Natural Resources
and Life Sciences, Vienna
AUSTRIA
www.boku.ac.at/wabau



CONTACT US

The project is coordinated by the National
Meteorological Administration, Romania.
For more information about the project,
please contact us at:

Mr. Daniel Alexandru – Project Manager
E-mail: daniel.alexandru@meteoromania.ro

Do not forget to subscribe to our social network
channels so that you do not miss any interest-
ing TRANSFER Danube event and activity in the
upcoming months!



TRANSFER Danube networks



Interreg
Danube Region



Co-funded by
the European Union



TRANSFER Danube

INTEGRATED MONITORING SYSTEM FOR AGRO-CLIMATIC RISKS WITHIN DANUBE REGION

€ 1,842,380 budget

80.00 % funded by
Interreg Funds

9 countries

11 partners

MAIN OBJECTIVES OF TRANSFER Danube:

The project aims to analyse the new patterns of climatic extreme events (drought, floods, heat waves, e.g.) and design/develop the necessary tools for agriculture in the Danube region in order to be able to properly adapt and respond to such challenges. This will be done by developing and implementing a Danube transnational e-platform that will integrate climatic/water resources/agriculture database, maps, knowledge, tools, modelling, good practices for water management, for reducing drought in order to be prepared and adapt to climate change in the vulnerable areas for crops (winter wheat and maize) in the Danube Region. Through cooperation between country partners a standardised monitoring system for the phenological status of selected agricultural crops throughout the Danube Region will be established, serving as a basis to evaluate the crop specific water balances and yields.

The TRANSFER Danube project aims to raise the awareness of policy makers and the private agricultural sector to the possible consequences of climate change on agricultural production. The beneficiaries of the project and the groups targeted by it are local and regional decision-makers in the field of environmental protection and agriculture, also people in the field of agricultural policies and farmers.

SPECIFIC ACTIVITIES AND MAIN PROJECT OUTCOMES:

✓ Cooperation between the project partners will establish a standardised monitoring system for the agrometeorological indexes and phenological status of selected agricultural crops throughout the Danube Region, serving as a basis to evaluate the crop specific water balances and yields.

✓ A common methodology for monitoring phenology as a tool and soil moisture estimation in the mentioned crops will be implemented in the 10 pilot areas from the following countries: Romania, Croatia, Germany, Hungary, Czech Republic, Bulgaria, Montenegro, Bosnia-Herzegovina, Austria in order to identify most vulnerable areas to extreme events (drought, heat waves, etc.) in the Danube Region.

✓ The agroclimatic risk, thermal, atmospheric and water stress parameters like soil moisture, scorching heat, high-intensity wind, winter severity and precipitation that will be monitored in this project on Danube region Partners' pilot areas can be used to determine the negative impact of climate change in agriculture.

✓ The agricultural monitoring e-platform will allow better risk management in terms of the impact of climate change (preparation and mitigation) and the identification of areas with the greatest vulnerability to drought and heat waves in the Danube Region.

✓ Good practices and know-how related to agrometeorological and phenological indexes monitoring will be shared with the project's target groups and main stakeholders during events organised in each partner country.

✓ The results and deliverables from this project will generate support for trans-disciplinary bilateral cooperation on partner institutions in the Danube area to tackle the challenges set by climate change in agriculture.

✓ TRANSFER Danube outcomes will be accessible for dissemination to the target groups by promoting different types of tools, knowledge transfer, circulation and access to the Danube transnational e-platform.