



WATERPROTECT

Cooperation for water management, farming and eco-tourism in Romanian Action lab

Sustainable drinking water management & farming
successful local policies, initiatives and partnerships webinar, 2 April 2020

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Project funded by the European Union Research and Innovation Program,
Horizon 2020, financing contract number 727450



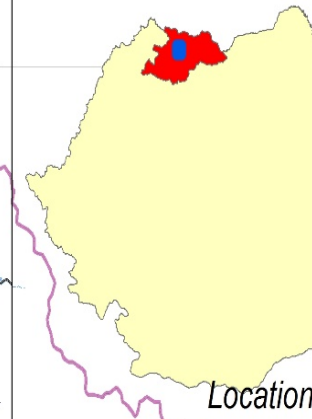
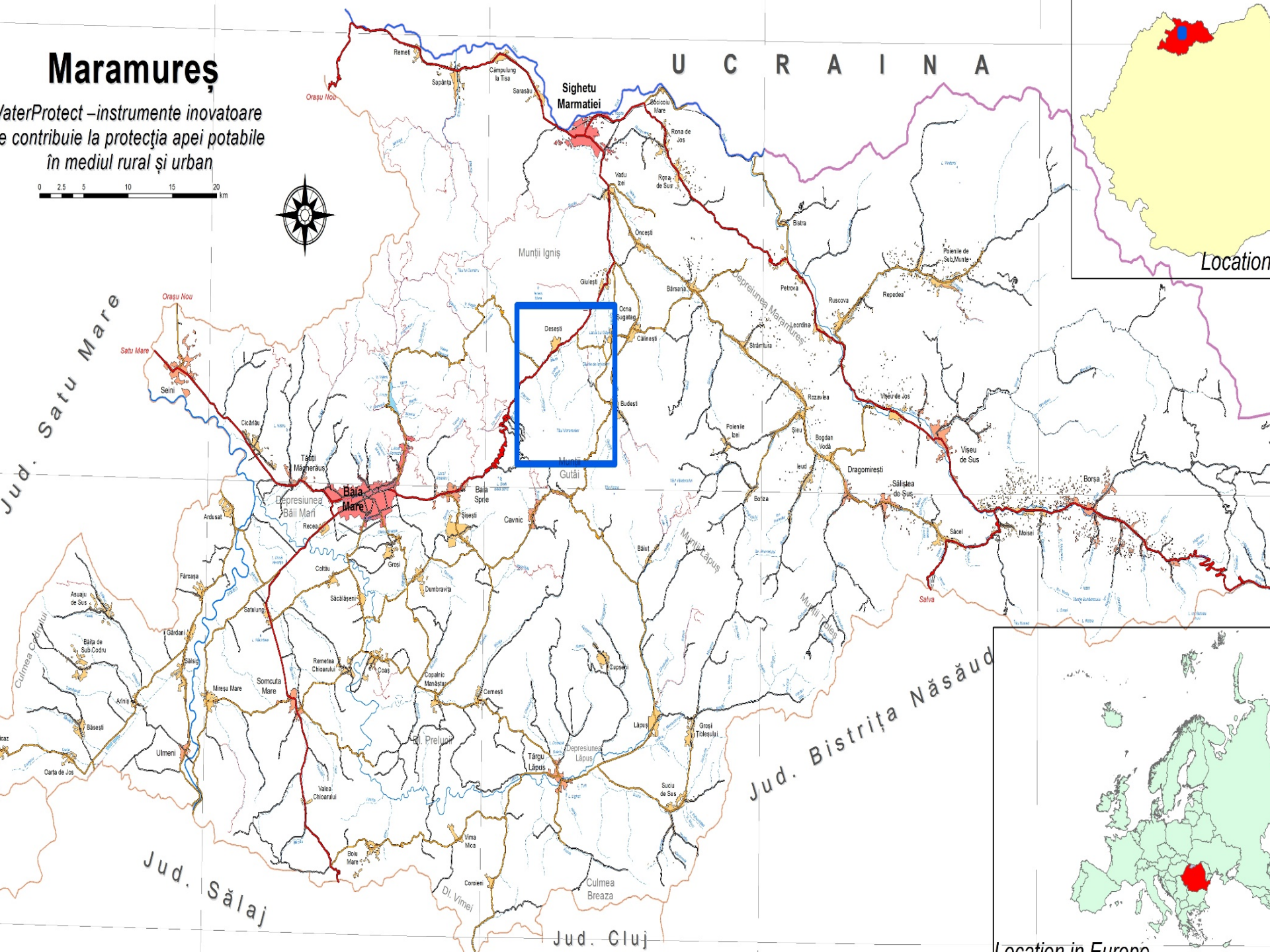
WHERE?

- **MARA VALLEY BASIN** - 20 km², in **MARAMUREŞ** County;
- **TYPICAL CULTURAL, MOSAIC LANDSCAPE** built over time by **traditional agricultural** practices: semi-subsistence agriculture in the Carpathians - cattle and sheep breeding;
- **ECO MARAMURES (NATURAL AND CULTURAL VALUES)**
<https://www.ecomaramures.com/?lang=en>;
- **CORE AREA** - Breb village - 378 households, 1096 inhabitants, 140 agricultural exploitation (small scale);
- **STATUS OF ECOSYSTEM: STABLE EQUILIBRIUM BUT EXPOSED TO VULNERABILITIES**

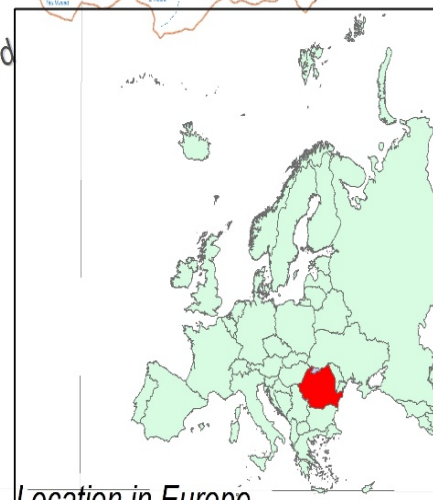
Maramureș

WaterProtect –instrumente inovatoare
ce contribuie la protecția apei potabile
în mediul rural și urban

0 2.5 5 10 15 20 km



Location



Location in Europe

WHY?

WATER RELATED CHALLENGES

- **drinking** water – **quantity** problems in summer season;
- **surface** water – **quality** problems, **nitrate pollution** is relevant for the area due to manure leakages from small scale farms, non-conforming use and storage of manure, lack of a centralized sewage system, residues resulting from the brandy (tuica) boiling, the faulty household waste management, diffuse pollution from the forestry sector.

ECO MARAMURES

- Maintain **natural and cultural** values and develop area in a **sustainable manner**: local communities economically benefitting from sustainable use of local resources.

Authentic traditional life in Maramures



WHAT WE DID?

1. **ANALYSIS OF PHYSICAL CHARACTERISTICS** of the catchment and **IDENTIFYING POLLUTION** sources.
2. **IDENTIFYING THE PROBLEM** from a **MULTIPLE PERSPECTIVE** (farmers, other multiple stakeholders responsible for local water management and protection, tourists)
3. **PROVIDE CONTEXT FOR INTEGRATED SOLUTIONS VIA COOPERATION OF STAKEHOLDERS**

SET UP AND MAINTAIN WATER PROTECT RO STAKEHOLDER PLATFORM (local authority, administrative and sectoral county level authorities, community, local leaders, NGOs and research, education institutions, museums, private sector, tourists, farmers) FOR IMPROVEMENT OF WATER MANAGEMENT

- bilateral conversations and the multi-actor conversations;
- Interactive workshops;
- demonstration field visits;
- Surveys for use of agricultural practices.

RESULT: RECOMMENDATIONS AND ACTION PLAN FOR WATER MANAGEMENT IMPROVEMENT IN RO ACTION LAB

DRIVER FOR ACTION: ECO MARAMURES

RECOMMENDATIONS AND ACTION PLAN

- **Constant multi stakeholder communication and cooperation;**
- Feasibility study to provide long term actions for enabling **sufficient water quantity;**
- **Constant monitoring** of water quality;
- **Improve management of water supply system** (trainings for personnel, technical investments);
- Impose to all consumers (at local level) a **metering water system;**
- **Operationalize sewage system;**
- Allocate **financial resources for setting up advisory services** for the benefit of farmers;
- **awareness-raising and education campaigns;**
- Increasing the **role of voluntary best management practices** (development of some compensation schemes at local level);
- **Provide easy to use best practice examples** (manure storage platforms);



THANK YOU FOR YOUR ATTENTION!

www.ecologic.org.ro/proiect/waterprotect-protectia-apei-potabile-in-mediul-rural-si-urban

www.water-protect.eu

www.ecomaramures.com