

GLOBAL PARTNERSHIP ON NUTRIENT MANAGEMENT

BMP Case Study

Overview

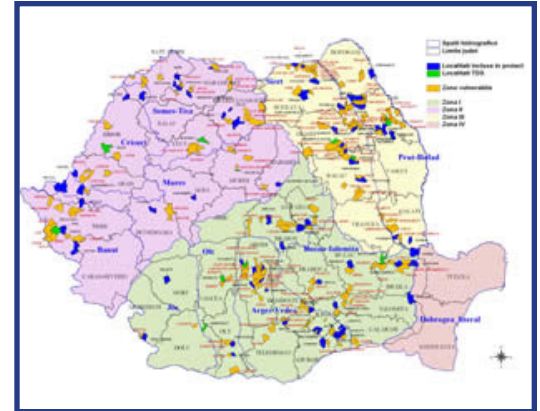
Name: Romania: Integrated Nutrient Pollution Control Project

Location/Terrain: Romania near the coast of the Danube River and Black Sea

Crop(s): Various Crops

Nutrient(s): Nutrient stress (nitrogen, phosphorous, potassium) from intensive agriculture and contaminated lands resulting from ineffective management of livestock waste.

Rationale: Reduce, over the long term, the discharge of nutrients into water bodies leading to the Danube River and Black Sea.



Issue(s) of Concern/Challenges:

The issue of concern is nutrient discharge that is contaminating bodies of water that lead into the Danube River and Black Sea.

Practice Objectives:

Reduce nutrient discharge to water bodies and promote behavior change through strengthened institutional capacity and community-based actions.

Practice Description:

This project has several components, including:

1. Establish 11 training and demonstration sites in high priority nitrate vulnerable zones (NVZ) for the benefit of farmers with compost and expansion of groundwater monitoring well
2. Provide grants for the installation of new or improved manure storage facilities and manure collection equipment
3. Strengthen the policy and regulatory framework under the Nitrates Directive
4. Build capacity to ensure the effective implementation of the proposed project activities and the requirements of the EU Nitrates Directive

Outcomes:

- Implementation of the EU Nitrates Directive and selected measures under the Water Framework Directive
- Investment support provided for Monitoring, Reporting and Impact Analysis at the local and river basin levels

Significance:

Through community-based actions and increased institutional capacity, behaviors can be changed and nutrient discharge to water bodies can be reduced.

Data/Graphs:

Investments:

IBRD loan: USD 67 million

GEF grant: USD 5.5 million

Co-financing from local beneficiaries: USD 8.1 million

TOTAL: USD 80.6 million



For more information, please contact Chuck Chaitovitz at chuck.chaitovitz@gef.org or visit www.gpa.unep.org/index.php/global-partnership-on-nutrient-management.

For further information, contacts include:

Project Manager Karin Shepardson: kshpardson@worldbank.org

Stefan Nicolau, Ministry of Water, Forests and Environmental Protection, Romania: stefan.nicolau@mmediu.ro

Also visit the website: www.inpcp.ro.