# GLOBAL PARTNERSHIP ON NUTRIENT MANAGEMENT BMP Case Study

### **Overview**

Name: Croatia: Agricultural Pollution Control Project

Location/Terrain: Croatia: Danube River basin

Crop(s): Various crops and livestock

Nutrient(s): Nutrient overloading from fertilizers, especially nitrates

Rationale: Reduce nutrient discharge from agricultural source to

surface and ground water bodies.



## **Issue(s) of Concern/Challenges:**

The heavy use of fertilizers, soil erosion and compaction, poor maintenance of soil organic matter, small numbers of households/farms familiar with good agricultural practices and no subsides for environmentally friendly farmers has led to nutrient discharges infiltrating into surface and ground water bodies.

## **Practice Objectives:**

To significantly increase the use of environmentally friendly practices by farmers in the Danube River basin in order to reduce nutrient discharge

## **Practice Description:**

There was a three part strategy:

- 1. Mitigating nutrient loads to water bodies from point source pollution This was established through the formation of a nitrates mitigation investment fund and through the development and implementation of a water and soil monitoring program.
- 2. Development and Promotion Agri-Environmental Measures Farmers in selected counties will be advised and trained on the most cost-effective technologies for complying with the Nitrates Directives.
- 3. Public Awareness and Replication Strategy The project will carry out a county and national public campaign on the benefits of the project activities for replication, with emphasis on food agricultural practices and the promotion of improved rural sanitation.

#### **Outcomes:**

- 24 applications for the investment fund
- More than 40 farmers in active preparation for the funds

## **Key Successes:**

• Improved interpretation of the CAGP provisions to ensure farmers' application of remedial nutrient-reduction

measures

- Introduced the EU principles of project financing and measures to secure funding from non-bank resources
- Established a day visit program to producers
- Honored International Danube Basin and Black Sear protection conventions.

## **Significance:**

The project established cooperation with local communities on the GAP education information dissemination.

## Data/Graphs:

#### **Investments:**

Sub-Grant (GEF)s: USD 2.66 million

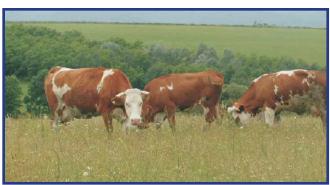
Good, services, consultants' services and training (GEF): USD 2.25 million

Recurrent costs (GEF): USD 90,000 Local co-financing: USD 1.1 million

Global Environment-associated Ibrd Fund: USD 13.9 million

**TOTAL: USD 20 million** 

















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