

FYR MACEDONIA

IRRIGATION PROGRAMME SOUTHERN VARDAR VALLEY

Location

Southern Vardar Valley

Client

Ministry of Agriculture, Forestry and Water Economy (MAFWE), Skopje

Financing

German Financial Cooperation / KfW

Period

2003 - 2006

Value of own Services

0.073 million US\$



Project Description

Macedonia is a landlocked country of more than 2 million people living on 25,700 km². Of the arable agricultural area of about 665,000 ha approximately 400,000 have the potential for irrigation, 123,100 have irrigation infrastructure but only some 36,000 have been irrigated in recent years. To assist in redressing the current crisis facing the irrigation sector in Macedonia, an Irrigation Programme has started 2003 with the overall goal to improve the living conditions of the farming population in the Southern Vadar Valley area through sustained use and improved management of water resources. The programme will envisage four irrigation schemes with a total net area of about 2,500 ha. The programme concerns the rehabilitation and modernisation of irrigation infrastructure in the Southern Vadar Valley.

It is expected that the average net farm income will increase from € 910 per household in 2001 to € 4,500 per household five years after completion of the irrigation schemes due to increased productivity and production in the selected schemes.

Scope of Services

Provision of Technical Assistance to the MAFWE:

Part 1: Programme Preparation and Definition

Programme Preparation Phase:

- Establishment of the PIU
- Clarification of legal and other preconditions for establishment and legal registration of WUAs
- Social and technical design for the irrigation schemes.

Programme Definition Phase:

- Establishment of WUAs
- Selection of perimeters to be rehabilitated/modernised
- Finalisation of the institutional, social and technical design

Part 2: Programme Implementation and Operation

Programme Implementation Phase:

- Rehabilitation of four irrigation schemes with a modern and efficient irrigation system
- O&M of the irrigation system managed by WUAs

Programme O&M:

- Final handing over of the modernised schemes to WUAs
- Taking over of the irrigation schemes by the WUAs with full cost recovery

(In association)