



SOCIO-ECONOMIC DEVELOPMENT

# Food Security and Agricultural Support in the West Bank

*Transforming wastewater in an asset and improving agricultural production through non conventional irrigation systems.*



**COUNTRY**  
Palestine



**BENEFICIARIES**  
3.500



**METHOD**  
Infrastructures

LOCAL PARTNERS	PHG - Palestinian Hydrology Group UWAC - Union of Agricultural Worker Committees
FUNDING AGENCIES	European Union
STARTING DATE	March 2011
IMPLEMENTATION PERIOD	36 months
DESCRIPTION	This project improved the living conditions of Palestinian families, increasing the economic role of agriculture, and precisely income derived from olive cultivation. Specifically, the quantity and quality of the olives harvested and the olive oil produced and sold in two northern villages of the West Bank has been improved, both by introducing irrigation systems for the reuse of municipally treated wastewater and through training in the most effective techniques for olive cultivation.
OBJECTIVES	The project contributed to the improvement of hygienic conditions, a decrease in cost for connection to the sewage network for each building, and compliance with minimum requires of water treatment for use in agricultural irrigation.
ACTIVITIES	<ul style="list-style-type: none"> <li>• Construction of a sewage network and wastewater treatment plant (herbal purification system) in the village of Sarra;</li> <li>• Reparation and enlargement of the wastewater treatment plant (herbal purification system) in the village of Hajja;</li> <li>• Professional training on collection point and treatment plant management for municipal personnel and awareness campaign for farmers and other service users;</li> <li>• Increase of agricultural production benefiting from irrigation and the consequent increase in farmers' incomes.</li> </ul>

