



FOOD

## Making wastewater an asset to the increasing of agricultural production



*To improve income and food security conditions of vulnerable rural population of the North West Bank.*

 <b>COUNTRY</b> Palestine	 <b>BENEFICIARIES</b> 5.700	 <b>METHOD</b>
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LOCAL PARTNERS	PHG - Palestinian Hydrology Group for water and environmental resources development UAWC - Union of Agricultural Work Committees
FUNDING AGENCIES	European Commission
STARTING DATE	November 2013
IMPLEMENTATION PERIOD	24 months
DESCRIPTION	Given the worryingly food insecurity conditions of the Palestinian household living in the beneficiary area, the project will enable the use of wastewater for agricultural reuse and implement capacity building and awareness-information programmes. These activities will increase and stabilise olive oil yield and production.
OBJECTIVES	Increasing agricultural production of smallholder farmers from two villages of the North West Bank by using irrigation water from non conventional sources and promoting more efficient agricultural practices. The project intends to enhance living conditions of Palestinians' households, increasing the relative economic role of agriculture and olive farming revenues versus the total family income.
ACTIVITIES	<ul style="list-style-type: none"> <li>• Construction of the sewer collection system, a wastewater treatment plant in Sarra and rehabilitation of the Constructed Wetland in Hajja.</li> <li>• Awareness-information campaigns for the village Councils, local partner and farmers.</li> <li>• Increase yields and agricultural revenues through irrigation, good agricultural practices and improvement of marketing conditions.</li> <li>• Production of about 50.000 m<sup>3</sup>/year of treated effluent for reuse in agriculture that will allow a supplemental irrigation up to 10.000 olive trees.</li> </ul>