



WATER

Seawater Desalination Plant in Deir Al Balah

Developing new water sources in the Gaza Strip thanks to the seawater desalination plant.



COUNTRY
Palestine



BENEFICIARIES
20.000



METHOD
Infrastructures

LOCAL PARTNERS	PHG - Palestinian Hydrology Group
INTERNATIONAL PARTNERS	UNDP (United Nations Development Programme)
FUNDING AGENCIES	Italian Development Cooperation - Italian Ministry of Foreign Affairs
STARTING DATE	April 2010
IMPLEMENTATION PERIOD	15 months
DESCRIPTION	The study and planning of the distribution plan - which due to the quantity of water available is necessarily based on a discontinuous distribution within the different municipal zones - will be implemented not only together with the municipality and service provide, but also through the participation of the population, through consumer committees. As in all GVC projects in the water and environmental hygiene sector, the infrastructural and management work described above is coupled with awareness activities targeting beneficiary communities about conscious consumption of the water resource and hygiene issues.
OBJECTIVES	This project improved the essential infrastructure necessary for economic and social development, developing new water sources through the reactivation and improvement of the seawater desalination plant in Deir Al Balah. In this way access to drinkable water is created while the Gazan aquifer is preserved. Beyond aiming to improve the quality of water for domestic use, the project, allowing for the production of water within WHO parameters, improved the municipal water distribution system.
ACTIVITIES	<ul style="list-style-type: none"> • Reactivation of the Deir Al Balah seawater desalination plant, following Palestinian Water Authority objectives to progressively reduce exploitation of the groundwater aquifer through the desalination of seawater; • Improvement of the current water distribution system and definition of a new distribution plan through the involvement of local authorities and committees formed by residents in the project area; • Water quality monitoring of the water provided by the network, and awareness activities.