

Post-War Reconstruction, Support of local authorities, Public services, Urban planning

Theme: Livelihoods / humanitarian-development nexus

County: Iraq

Timeline: 1 year to 3 years

Telkaif district, Sheikhan district

Key objectives:

- Improving the access to clean drinking water to local populations in ISIS-affected areas through maintenance and rehabilitation of the water supply system
- Assisting local authorities in improving the security, management and control over the water supply system
- Contributing to better water management through the focus on water loss reduction
- Contributing to the recovery of ISIS-affected areas by providing job opportunities to the local residents through Cash for Work program

Key activities:

- Maintenance and construction of manholes to improve the quality and safety of the water supply system
- Rehabilitation of the water network to reduce leakages and increase water quality
- Maintenance of elevated and ground water tanks to reduce water leakages and increase quality of the drinking water
- Renovation of the existing water pump protection rooms to protect water sources from pollution and contamination
- Cash for Work program providing job opportunities for local residents to implement the infrastructural works



Pumping station in Sheikhan district, Iraq.

Project rationale:

The water infrastructure in Northern Iraq requires maintenance and upgrading in order to ensure the provision of safe drinking water to the local population. In parts of the country affected by ISIS-induced violence the water infrastructure has been damaged; in the Kurdistan Region, where many of the displaced found refuge, it has become severely overburdened. The urgent need for maintenance and upgrading of the water supply system in order to reduce water losses is exacerbated by the general scarcity of water resources in Iraq and the broader region.

Following years of violence and political turmoil, Iraq faces very high unemployment level. In order to improve livelihoods in the selected locations, the project combines infrastructural works with a Cash for Work program. As the planned infrastructural works require both skilled and unskilled labor, the Cash for Work program will provide opportunities for temporary employment to different groups of local residents.



PCPM trains local staff on GPS mapping of the water network, Sheikhan district, Iraq.

Related PCPM activities:

PCPM is part of an international consortium that implements MASAR for Local Government Program funded through the EU Regional Trust Fund in Response to the Syrian Crisis "MADAD". The Program aims to strengthen the resilience of local governments in Iraq and Lebanon to deal with consequences of forced displacement from Syria and within Iraq. In Sheikhan district in Northern Iraq, PCPM works to improve the drinking water supply system through the mapping of water network, introduction of water management tools, trainings for the staff, improvement of parts of infrastructure and water conservation campaigns targeting the local population.



PCPM experts inspect the map of local water network in Sheikhan district, Iraq.

Indicative project budget in USD:

	Amount for one location	Amount for ten locations
Maintenance of existing manholes and construction of new manholes to improve the quality and safety of the water supply system	\$ 30 000	\$ 300 000
Rehabilitation of the water network	\$10 000	\$ 100 000
Maintenance of elevated and ground water tanks to reduce water leakages and increase quality of the drinking water	\$ 40 000	\$ 400 000
Renovation of the existing water pump protection rooms to protect water source from pollution and contamination	\$ 12 000	\$ 120 000
Staffing & operation*	-	\$ 300 000
Project support cost (7%)	\$ 6 440	\$ 85 400
TOTAL	\$ 98 440	\$ 1 305 400

* costs calculated for a period of one year/project's implementation in 10 locations

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