

Proposed Project for Rain Water Harvesting

<i>Project Title</i>	Rain Water Harvesting Systems for Domestic and Irrigation Uses
<i>Project Duration</i>	36 months
<i>Estimated Budget</i>	The total estimated project budget is US \$3,180,000 . 25% of the cisterns construction cost will come as beneficiaries' contribution.
<i>Stakeholders</i>	The project stakeholders will be the Ministry of Agriculture (MoA), the Ministry of Local Government (MoLG), UNDP, Agricultural Associations and the NGOs.
<i>Targeted Areas</i>	The project will target the north-eastern parts of Hebron Governorate, which include the following localities: Sa'ir, Bani Na'im, Ash Shuyukh, Dura, Beit Umar, Surif, Kharas, Beit Ula, Nuba, Tarqumiya, Idhna, Adh Dhahiriya, Yatta
<i>Beneficiaries</i>	The project will target 1000 families (approximately 7,000 individuals)
<i>Project Description</i>	<p>The annual rate of rainfall in these areas is between 200 and 500 mm. Water in the targeted areas is the main influential factor for agriculture.</p> <p>This project will help improve the rainwater harvesting system in the targeted areas through the construction of 1000 cisterns.</p> <p>This proposed project will complement the strategic plan of the MoA through increasing the productivity of the agricultural unit. The cisterns will act as a supplementary resource of water for the irrigation of fruit trees, and for livestock consumption in rangelands. This will help reduce the effects of the drought, and improve the livelihood of the targeted households.</p>
<i>Project Objectives</i>	<ul style="list-style-type: none"> - To harvest rainwater for summer use (for irrigation and livestock consumption). - To increase the productivity in warm and dry seasons. - To increase the total agricultural area in the Hebron Governorate. - To reduce the effects of drought.

	<ul style="list-style-type: none"> - To reduce desertification in the area. - To improve the livelihood of the targeted families.
<i>Project Activities</i>	<ul style="list-style-type: none"> - Announcing the launch of the project and collecting applications for land reclamation from land owners in the targeted localities. - Determining the targeted areas and beneficiaries according to the project selection criteria. - Preparing and announcing of the implementation conditions and the bidding package. - Constructing the 1000 cisterns and providing the beneficiaries with the necessary extension. - Supervising, monitoring and evaluating the implementation process. - Preparing the final reports and disseminating the results.
<i>Expected Results</i>	<ul style="list-style-type: none"> - 1000 cisterns for collecting and storing rainwater constructed in the targeted areas. Harvesting and storing of 70,000 cubic meters of rainwater annually. - Increasing the productivity of fruit trees through supplementary irrigation.