

Pending Global Grant Information Sheet

Share the experience of “Doing Good in the World”

The following Rotary Club has initiated a global grant application as detailed below. They would welcome any club within District 6440 to partner and thereby fulfill the funding needs. Please convey your interest to the primary contact. Let us help each other to “Do Good in the World.”

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Project Title: Bedouin Wastewater Treatment Project

Total Project Budget: \$52,500

Area of Focus: Water

Sponsoring Int’l Club Name: Rotary Club Beersheba

District #

Principal Contact Name: Alon Bendet-Chair of the International committee

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Host Country: Israel

Host District:

Host Club: Rotary Club Beersheba

Needs Assessment:

Bedouin Israelis make up 20% of the population of the Negev. Many of their communities however lack basic water and sanitation services. The result is that sewage flows untreated into the environment contaminating rivers and streams and polluting the groundwater that is a source of drinking water for Jews and Bedouin in the Negev.

Project Description:

This project will serve as a pilot for solving the wastewater issues in the Bedouin sector. The project will install an on-site wastewater treatment and reuse system that will treat the wastewater and provide good quality recycled water for irrigation. Because of the semi-nomadic nature of the Bedouin water for agriculture and livestock is very important. This project will therefore also provide local food security for the Bedouin in addition to protecting the environment of the Negev.

Beneficiaries:

The project will benefit the Bedouin community of Um Batin.

Sustainability:

The Arava Institute has already installed eight household wastewater treatment and reuse systems in Israel and the West Bank with funding from the USAID. These systems use a constructed wetland design or a membrane filtration design. All of these systems are fully operational and are connected to drip irrigation systems providing water for family farms. System owners are saving on the cost of water and are generating income from improved crop yields.

Overall Outcome and Impact:

One household pilot wastewater treatment system can benefit around 20 people for around 10k.

A two to three households wastewater treatment system can benefit around 50-100 people for around 25k.

A neighborhood wastewater treatment system can benefit around 100-300 people for around 50k.

[CLICK HERE](#) to read a Project Summary that provides additional information.