



Project Template

European Rotaract Information Center

Name of the project: Rotary Water Well

Organizing club: Rotaract Club: Taranto, Bari, Lecce, Lecce Barocco, Massafra, Potenza.
Rotary Club: Taranto, Bari Castello, Massafra

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I. ANALYSIS, OPPORTUNITIES AND MAIN IDEA FOR THE PROJECT.

1. ANALYSIS OF THE PROBLEM WE WANT TO SOLVE

Child dispersal and absence of sanitary and irrigation water.

2. OPPORTUNITIES

Obtain sanitary and non-sanitary water in a farm in Uganda and give training and employment opportunities to a group of 150 orphaned boys and girls by initiating them into agricultural work.

II. HOW TO EXECUTE THE PROJECT

1. ACTION GROUP

Project coordinator in Italy and in Uganda, Engineering support, operational support from the association and from in land stakeholders and clubs.

2. DESCRIPTION OF THE PROJECT

The project aims to provide potable water directly within the farm, ensuring water supply for personal, culinary, and sanitary needs. Through the excavation of a borehole accessing the aquifer and a solar panel system powering the hydraulic pump, workers will have consistent access to water. A 10,000-liter tank, filled by the pump, will meet the community's water needs. Before COVID-19 restrictions, youths commuted to fetch water from the village well; now, providing water on-site is urgent. The project also plans modest accommodations with sanitation facilities once finances allow. Solar panels will provide minimal lighting to the existing housing. This initiative addresses critical needs, enabling workers to stay on-site and ensuring their well-being.

3. GOALS OF THE PROJECT

1. Drill a bore hole within the farm and install a submersible water pump
2. Construct a raised water tank to store the water and supply through taps for the farm community and the neighboring community.
3. Install and supply a solar power system to pump and provide power for other uses like lighting and use of computers within the farm.

4. TARGET AUDIENCE

Direct beneficiaries:

15 members of ATLA Cooperative, 1 coordinator

180 disadvantaged youth who came out of the Friends of Angal Orphans program including 95 girls.

Indirect beneficiaries: about 500 people, including families of the cooperative members, foster families of the orphans, community members.

5. ACTION PLAN & TIME FRAME

A ACTIVITIES

A1 Geophysical survey 2 Days

A2 Actual drilling work 3 Days

A3 Test Pumping 2 Days

A4 casting In situ pedestal and apron 2 Days

A5 Immersion water pump installation 2 Days

Brief description of each step

The tricky part was the coordination of the local stakeholders.

6. RESOURCES

The pump was provided by the Amici di Angal Association from an internal sponsor (S)

Drilling labor

Land and water analysis

7. BUDGET

7,939€

8. ORGANIZERS OF THE PROJECT

Michele De Siat desiatimichele@alice.it 00393497679652

9. PARTICIPANTS

Amici di Angal

10. SPONSORSHIP

the company that supplied the pump

11. MEDIA COVERAGE

no

III. RESULTS

1. RESULTS AND OVERVIEW

The main challenge was coordinating various associations and local suppliers. However, from this project's inception, several smaller initiatives focusing on rehabilitating existing wells in neighboring areas have emerged. Additionally, some women from nearby villages have been empowered to retrieve water from these wells, significantly impacting their lives. This project has thus sparked positive ripple effects, fostering community engagement and empowerment beyond its initial scope.

2. ADVICES

Make sure that the water is always free of charge and not for payment.

3. SUSTAINABILITY

It is sustainable as it utilizes renewable energy sources, and the presence of water for irrigation will provide training opportunities for several individuals in agricultural work.