

PROJECT PROPOSAL

Bringing Clean Water Home

to 100 Drought-Affected Households in Indonesia

100 Households Benefited	6 Water Tanks — Total Capacity of 30,000 Liters
100 Household Water Pipeline Connections Installed	US\$8,500 Estimated Project Budget

Project Location: Gunungkidul, Special Region of Yogyakarta, Indonesia

Submitted by

Sinergi Sahabat Peduli For Humanity

(SIAP For Humanity)

Non-Profit / Humanitarian Organization • Established 2025

Prepared for project fundraising and donor/partner Global Giving review

1. Organization Overview

Organization	Sinergi Sahabat Peduli For Humanity (SIAP For Humanity)
Country	Indonesia
Organization Type	Non-profit / Humanitarian
Established	2025

Mission

To mobilize compassion into practical, transparent, accountable, and sustainable support for vulnerable communities.

2. Project Summary

This project aims to provide sustainable access to clean water for 100 low-income households living in a drought-affected community in Gunungkidul, Yogyakarta, Indonesia. The project will develop a community water system connecting an available underground water source to residents through storage tanks, a pipeline network, and household connections.

Six water storage tanks with a combined capacity of 30,000 liters will be purchased and supported by dedicated tank stands to improve water storage and distribution. The system also includes the installation of water pipeline connections to 100 beneficiary households. The goal is to reduce families' dependence on distant, unsafe, or expensive water sources and provide a reliable supply during the dry season.

3. Background and Problem

Prolonged dry conditions have caused local water sources and household rainwater storage to decline. Many families traditionally depend on rainwater for drinking, cooking, washing, and other daily needs. When rain does not come, residents must travel long distances to collect water from the few remaining sources.

Some families are forced to purchase water despite limited incomes, while small-scale farmers face crop losses and declining livelihoods. Women and older adults are particularly affected by the burden of collecting water.

4. Project Goal

To establish a reliable and sustainable community water distribution system that brings clean water closer to the homes of 100 low-income households affected by drought.

5. Specific Objectives

1. Connect an available underground water source to the affected residential area through a community pipeline network.
2. Provide water storage capacity through six community water tanks with a combined capacity of 30,000 liters, and construct safe, durable tank stands.
3. Provide household water connections for 100 low-income households.
4. Reduce the distance, time, and cost families spend obtaining water.
5. Improve access to safer water for drinking, cooking, hygiene, and other basic household needs.
6. Strengthen community participation in managing, maintaining, and protecting the water system.

6. Target Beneficiaries

Primary beneficiaries	100 low-income households in a drought-affected community in Gunungkidul, Yogyakarta
Estimated direct beneficiaries	Approximately 300–400 people
Priority	Households with limited ability to purchase water and residents who face significant difficulty collecting water, including women and older adults

7. Project Activities

1. Survey and technical assessment of the underground water source, route, elevation, and household locations.
2. Community consultation and agreement on water management, access, responsibilities, and maintenance.
3. Purchase six water storage tanks and construct safe and durable tank stands.
4. Procurement of pipes, fittings, valves, household connection materials, and other required equipment.
5. Installation of the main pipeline from the underground water source to the community.
6. Installation of branch pipelines and household connections for 100 beneficiary households.
7. Testing the system, checking water flow and storage, and addressing installation issues.
8. Training and handover to community members responsible for operation and maintenance.
9. Monitoring of water access and system performance after installation.

8. Proposed Water System

The proposed system will connect an available underground water source to the community through a pipeline network. Six water storage tanks with a combined capacity of 30,000 liters will serve as key storage and distribution points. Each tank will be placed on a purpose-built stand designed to provide safe and stable support. The pipeline installation will connect directly to 100 beneficiary households.

Depending on the technical assessment, the system may include a collection point, pump or gravity-fed components, storage tanks, main distribution pipes, branch pipes, valves, and household connections. Final technical specifications will be confirmed after a site survey by the project team and relevant technical personnel.

9. Expected Long-Term Impact

- 100 low-income households gain more reliable access to clean water.
- Six community water storage tanks with a combined capacity of 30,000 liters increase the system's ability to store and distribute water.
- Reduced risk associated with using unsafe water sources.
- Women and older adults spend less time and energy collecting water.
- Families are less dependent on expensive emergency water purchases during drought.
- Households become more resilient to prolonged dry seasons.
- Community members gain responsibility and skills to manage and maintain the water system.
- The community can strengthen protection of the water source through environmental conservation and tree planting.

10. Sustainability Plan

The project is designed as a long-term water access solution rather than a one-time emergency response. A community water management mechanism will be established to oversee daily use, basic maintenance, reporting of leaks, and coordination of repairs.

Community members will be encouraged to participate in protecting the water source, including through tree planting and environmental conservation. Where appropriate, the community may agree on a small maintenance contribution to support future repairs and replacement of minor components.

11. Monitoring and Accountability

The project team will document beneficiaries, installation activities, materials purchased, and project expenditures. Progress will be monitored through site visits, photographs, beneficiary records, and water-system testing. Financial documentation will be maintained and reported transparently to donors and relevant partners.

12. Revised Project Budget

The following preliminary budget reflects the revised allocation, including US\$2,000 specifically for six water storage tanks and construction of their tank stands.

Budget Item	Estimated Cost (USD)
Purchase of 6 water storage tanks and construction of tank stands	\$2,000
Pipeline, fittings, valves and distribution materials	\$2,500
Household water connection materials for 100 households	\$2,000
Installation, excavation and community labor	\$1,250
Transport, technical assessment and testing	\$500
Community training, monitoring and documentation	\$250
TOTAL PROJECT ESTIMATE	\$8,500

13. Implementation Timeline

Phase	Activities	Indicative Period
1	Technical survey, community consultation and final design	Week 1–2
2	Procurement of tanks, tank stands and pipeline materials	Week 2–3
3	Tank stand construction, tank placement and pipeline installation	Week 3–6
4	Household connections, testing and community handover	Week 6–7
5	Post-installation monitoring and reporting	Month 2–3
6	Community training, monitoring and documentation	Month 3–4
7	Reporting	Month 5

14. Closing Statement

For families living through drought, access to water is not simply a convenience. It is essential for health, dignity, and daily survival. By connecting 100 low-income households to a reliable underground water source through storage tanks and a community pipeline system, this project seeks to move beyond short-term water deliveries and create a practical, community-supported solution that can continue serving families through future dry seasons.

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