

Please download the format, and then fill in

## Project format

Describe a project that you want to showcase at the website and want to raise donations for. Requirements:

- Projects must focus on SDG1 (income / poverty reduction); SDG2 (food security and/or climate); and SDG4 (advanced education).
- Has a concrete result (i.e. no lobby-only projects).
- The max. amount of the project is agreed on in your Partnership Agreement.

And:

- The project aligns to your annual plan.
- The topic of the project is within your expertise, whereby extra income leads to reaching more people.
- OR, the project is about a small pilot about a topic that is new to us, but that we really want to start offering.

Once you managed to reach the target amount with us, you can choose to showcase another project on our website. We can then further discuss together what is the best way to go.

## Project details

### 1. What is the project title?

Construction of solar mechanized borehole water system

### 2. The project contributes to

- SDG1 (poverty reduction/economic development)
- SDG2 (food security)
- SDG4 (advanced education meaning adult, vocational or secondary education)
- Other, ....

### 3. What is the project you want to showcase at our website? Please summarise:

The project objective is to construct one solar powered mechanized borehole for the residents at Effiduase Akwamu to increase access to and use of safe water sources for 2000 residents in the community. This will offer employment to trained Water Sanitation Management Committee (WSMC) to operate and maintain the mechanized borehole for the community. The youth will be trained to provide services to the project to improve project monitoring, evaluation and Project Administration. This will improve capacity to manage (GESI – Gender-equality and social inclusion) and sustain Water Sanitation and Hygiene (WASH) services in the community

### 4. What is the problem? And how is it addressed in this project?

Water and sanitation are one of the 5 thematic areas of Ghana Poverty Reduction Strategies (GPRS), Water and Sanitation Plan forms essential part of the strategy under Human Resource Development and Basic Services. Water is life and the most essential mineral for human survival. Clean and portable water is needed for healthy living but this is not the case for the residents living at the Akwamu Extension of the Effiduasi Township. There is acute shortage of clean and safe drinking water for decades. The rock drippings and other underground

water sources they rely on are unsafe as they possess colour, taste and odour. Children are late to school due to the long hours they spend in queues to access water for their families. This affects their academic work due to lateness to school. There has been an outbreak of scabies in the Sekyere East District and Effiduasi is highly infected due to poor hygienic conditions there. As at 23<sup>rd</sup> December 2023, The District Health Directorate have recorded 20471 cases of scabies with Effiduase alone recording 3,230 case. This outbreak is Water, Sanitation and Hygiene (WASH) related issue. Due to poor water systems and acute water shortage, the situation is projected to increase if measures are not taken. Coupled with Corona Virus (COVID 19) pandemic clean water is needed to effectively wash hands, cloths among others to keep clean to fight the virus. To manage the human excreta effectively, water is very essential to achieve this due to modern water closet that requires enough water for flushing. To improve the WASH in the Effiduasi, there is the need to get access to clean and portable water. This project is expected to provide mechanized borehole to address the water challenges in the community (Akwamu Extension). The project will decrease the incidence of water related diseases, improve access to safe and clean drinking water, and address the Sustainable Development Goals SDG's 3 Good Health and wellbeing, Goal 4 Quality Education and Goal 6 of Clean Water and Sanitation.

#### **5. Explain why this solution works best:**

The project will leverage on the skills and training on young solar project and offer source of employment and income to the youth in the community. More also, A single borehole is expected to serve 500 people in a community and a mechanized borehole is expected to serve about 2000 people. The project will therefore mechanize the water system with several outlets to serve about the 2000 residents. This will be coupled with solar power system to reduce cost of energy. There have been power crises in Ghana for decades and the recent power outage is a threat to the implementation of the project. Couple with the rise in utilities such us electricity, the project intends to connect the borehole with solar mechanized pump in order to deal with the cost of power and stable source of power for the pipe.

#### **6. Who are the recipients of the project? And how many?**

Akwamu Extention is a suburb of Effiduase in the Sekyere East district in the Ashanti region of Ghana. It is located in between Asokore zongo and Oyoko. Akwamu extention is located on a small hilly mountain with slight slopping that makes it difficult to access water for the residents at the location. The Akwamu Extension has the population of about 2000 (475 men, 675 women, 850 children) who lives at the suburb of Effiduasi. Residents travel far to access water which affects home keeping. Children who normally fetch water for the families are always late to school due to long queue they have to endure to get water for their families. The project will benefit children, women and men in the project area.

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**7. Are recipients engaged in the project?**

Yes | no

If yes, how?

Yes. The project was as a result of the Assembly member and the unit committee members of the area who approach us for assistance to get them water for the residents of the area as the only stream at the area has been taken over by cows and livestock.

**8. How will their lives be improved in a short-term?**

- (a) Adequate source of portable water available and accessible to about 2000 residents at Effiduase Akwamu Extension
- (b) Improved quality life.
- (c) Less medical expenses of the people in the project communities.
- (d) Reduced water and sanitation related diseases.
- (e) Awareness of good hygiene practices increased.
- (f) Effective and efficient hygiene promotion adopted.
- (g) Adequate number of trained hygiene promoters available.
- (h) To meet the sustainable development GOALS (SDG'S )3,4 and 6

**9. How will their lives be improved a long-term?**

- 1. About 2000 Households have increased access to and use safe water sources
- 2. Water related diseases reduced
- 3. Time to access water reduced
- 4. Sustainable development goals 3,4, and 6 achieved

**10. Which 1 or 2 of these long-term effects would you really like to measure?**

- 1. Number of people with access to a basic (improved) drinking water source
- 2. Number of WASH committees formed and trained
- 3. People who have gained access to a year-round safe drinking water source of 20 liters /day /person accessible within 30 minutes round trip of their homes, during the reporting period.

**11. When would you consider the project successful?**

What are results you have seen before? Or imagine 1 year from now. How does the project area look like? What should have changed? When are you satisfied? And when do community members consider the project successful?

*Concrete and measurable example: Pinasol mentions that they want to increase the production of 100 farmers and income by 50% as a result of the project.*

At least each distribution point will serve at most 300 individuals

Water will be available to people all year round

Water provided is free from contamination

**12. What is the best testimonial from a beneficiary of your NGO (best related to this project):**

My name is Bright Agyeman and the assembly member of the Effiduase, Akwamu Extension. I am happy to welcome this water project in our community. Our people lack water and share the only stream (ASENSU) River with cattle and other livestock. This has many health-related diseases in our community including scabies, and other neglected tropical diseases in the district. We are happy this project will help us to have access to safe drinking water and reduce the time our young children and women spend to fetch water for their household consumptions.

**13. What could be (unexpected) challenges the project could run into?**

**Management of the facility:**

For the purpose of sustainability, community members (beneficiaries) would be made to pay a small amount of money which will be used to maintain the facility should it break down. Though these beneficiaries could be educated on this, some will be expecting they fetch the water without paying for it.

**14. Can you think of ways how to make the project more sustainable?**

Train Area Mechanics and hygiene personnels would be responsible for servicing and management of the mechanized water. The assembly member is a trained electrical installation expert and will support the management of the water system. The project is community owned and water and sanitation committee that would be trained to manage the water will come out with monthly contributions from the residents to manage the water system for maintenance. Pinasol foundation will rely on the trained solar participants in the Pinasol Young Solar Professionals project to provide solar panel maintenance and provide stipend to the people who will be employed to manage the water system.

**15. What is the budget needed for this project? (in your own currency)**

Share budget in separate Excel, using this format:

[https://drive.google.com/drive/folders/1bnhtjCW49DjXkECbKzsPwVCwn\\_8JWdpy](https://drive.google.com/drive/folders/1bnhtjCW49DjXkECbKzsPwVCwn_8JWdpy)

**16. Are there other sources of income used for this project?**

**yes | no**

If yes, please elaborate:

Pinasol foundation will provide in-kind contributions to in project management, capacity building and training for water and sanitation coordinators

**17. What are your own contributions towards this project?**

Pinasol foundation will provide capacity building and water sanitation education for the residents at the community. We will also support with project management and coaching to ensure that the project is successful.

**18. What is the start and end date of the project?**

Start date: 1<sup>st</sup> June, 2024  
End date: 30<sup>th</sup> December 2024

**I completed the application questions fully and truthfully and signed in accordance with the Terms & Conditions:** <https://impactdirect.eu/terms/>

Date / Location: EFFIDUASE GHANA



Signature:

Name: SOLOMON OKYERE ASIAMAH

Role in organisation:

Please, send your project format to [info@impactdirect.eu](mailto:info@impactdirect.eu) by indicating in the subject line: 'application + name of your organisations'.

**And please don't forget to send some pictures for the website and socials:**

- 3-5 pictures that represents the project
- The NGO's logo
- Links to videos you already have and can be relevant.
- If there will be someone else then you doing the updates at the website, please let us know his/her name and contact details: ....

Pictures should be around preferably around 1MB.

Please send it through WeTransfer to [info@impactdirect.eu](mailto:info@impactdirect.eu)

**Thank you very much for your efforts!**

**Budget:**

<b>Organisation name: Pinasol Foundation</b>							
<b>Project name: Construction of solar mechanized borehole water system</b>							
<b>Period: 1st June 2024- 31st December 2024</b>							
<b>Description</b>	<b>Unit</b>	<b>No. of units</b>	<b>Unit Cost</b>	<b>Frequency</b>	<b>Total costs</b>	<b>Subtotal</b>	<b>iMPACT direct Contribution</b>
<b>Activities</b>							
Stakeholders meeting	1	1	GHC 1,612.00	2	GHC 3,224.00	€ 200.00	
Siting and testing of water table	1	1	GHC 3,224.00	1	GHC 3,224.00	€ 200.00	
Construction of borehole WATER	1	1	GHC 24,180.00	1	GHC 24,180.00	€ 1,500.00	€ 1,500.00
Testing of water quality	1	1	GHC 4,000.00	1	GHC 4,000.00	€ 248.14	€ 248.14
Construction and installation of solar	1	1	GHC 48,360.00	1	GHC 48,360.00	€ 3,000.00	
construction of overhead tank	1	2	GHC 24,000.00	1	GHC 48,000.00	€ 2,977.67	€ 2,977.67
<b>Sub-Total</b>					<b>GHC 130,988.00</b>	<b>€ 8,125.81</b>	<b>€ 4,725.81</b>
<b>Training , Education and management</b>							
Three month allowance to project support team and water management committees	1	3	GHC 1,612.00	3	GHC 14,508.00	€ 900.00	€ -
Training of WSMC committee, church leaders	1	1	GHC 2,418.00	3	GHC 7,254.00	€ 450.00	€ -
Community senzitization on water sanitation	1	1	GHC 2,418.00	3	GHC 7,254.00	€ 450.00	€ -
<b>Subtotal</b>					<b>GHC 29,016.00</b>	<b>€ 1,800.00</b>	<b>€ -</b>
Administration/monitoring/Evaluation	1	1	GHC 1,612.00	4	<b>GHC 6,448.00</b>	€ 400.00	€ 274.19
<b>Sub- Total</b>					<b>GHC 35,464.00</b>	<b>€ 2,200.00</b>	<b>€ 5,000.00</b>
<b>PROJECT TOTAL</b>					<b>GHC 166,452.00</b>	<b>€ 10,325.81</b>	<b>€ 5,000.00</b>
5% to iMPACT direct for facilitating direct donations to local solutions (covering our costs for the website, financial costs of direct donations, and basic costs to support NGOs in promotion and fundraising.)							€ 263.16
<b>GRAND TOTAL</b>					<b>GHC 166,452.00</b>	<b>€ 10,325.81</b>	<b>€ 5,263.15</b>