



PoA Title: “d.light Clean Energy Access Programme - Africa”

VPA title: d.light Clean Energy Access Programme - Madagascar

Non-Technical Summary

About the Programme

The programme of activities (PoA) is a voluntary initiative by d.light to distribute solar lighting systems (SLS) for lighting purposes across various African countries. The target beneficiaries under the programme will be the households which were earlier dependent on fossil fuel (kerosene) for lighting their homes.

d.light is a global leader in solar-powered solutions for people without access to reliable electricity. They will ensure that the SLS distributed under the programme are accessible to all the end users covered under this PoA. Distribution of SLS which is a clean energy product (CEP) as compared to the baseline, will reduce the GHG emissions. SLS will provide access to basic services (lighting) at affordable cost by replacing traditional kerosene lanterns, thereby eliminating the use of fuel, and reducing GHG emissions corresponding to the fuel saving by the project activity. The SLS will offer several environmental benefits such as reduction in the levels of indoor air pollution (IAP) thereby having a positive impact on the health of the community.

The design consultation will be conducted separately for each country part of the PoA. This document has specific information for Madagascar.

Programme Details

- Entity involved- d.light
- Duration of Programme – The duration of the programme will not exceed 20 years
- No double counting - Each solar lamp distributed under the PoA shall be labelled with a serial number (unique identification label) which will ensure that there is no double counting with any other project/programme implemented in the same region
- The PoA will only include small-scale VPAs
- The PoA will respect all the safeguarding principles laid down by Gold Standard for Global Goals (GS4GG).

Benefits from the Programme:



Energy Efficient: The SLS are more energy efficient as compared to the kerosene based lamps.



Environment Friendly: The SLS are environment friendly and drastically reduce the GHG emissions associated with combustion of fossil fuel in kerosene-based lamps.



Education: The SLS help in improving education by providing children with reliable source of lighting thereby enabling them to study longer and in better conditions.



Smoke-Free: The SLS will significantly reduce the levels of IAP (Indoor Air Pollution) caused due to the combustion of kerosene thereby contributing to a positive impact on the health of the communities.

Description of the Project

Under the PoA, d.light will include a Voluntary Project Activity (VPA). The VPA will aim to distribute SLS to the households in Madagascar. The VPA intends to target households which are currently dependent on fossil fuel (kerosene) based lamps for lighting their homes. The technology selection at the VPA level will be based on key attributes such as: luminosity, durability, and acceptability. The VPA will therefore ensure that the selected SLS is accessible to all the end users under this VPA. The SLS will offer several environmental benefits such as reduction in the levels of indoor air pollution (IAP) thereby having a positive impact on the health of the community.

Project Details

- Geographical Boundary- Political boundary of Madagascar
- Entity involved- d.light
- No double counting - Each SLS distributed under the VPA shall be labelled with a serial number (unique identification label) which will ensure that there is no double counting with any other project/programme implemented in the same region
- The VPA will be small-scale
- The VPA will respect all the safeguarding principles laid down by Gold Standard for Global Goals (GS4GG).
- The beneficiaries willing to be a part of the project will be required to sign a carbon title transfer form.
- d.light intends to include additional VPAs through the **grouped stakeholder consultation** meeting

Contribution to Sustainable Development Goals



Figure 1: Summarizing the SDG benefits under the programme

Safeguarding Principles

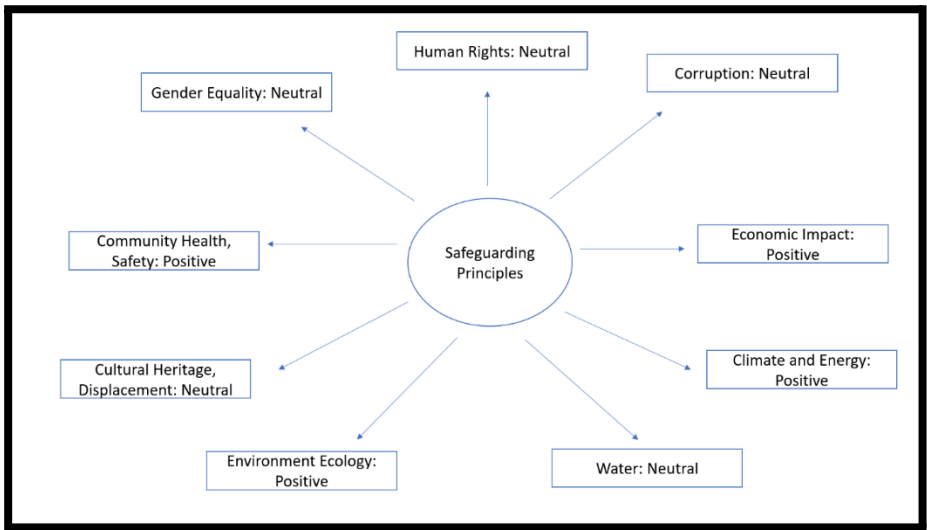


Figure 2: A flowchart assessing the programme against various safeguarding principles of GS4GG

Description of Technology

The project entails the distribution of SLS solutions among households. Details of technologies that will be part of the program (but not limited to) are given below:

1. d.light X2000
Solar Panel: 80 W
Brightness: 1400 lumen
No of lights: 5
Warranty: 2 years
2. d.light X1000
Solar Panel: 40 W
Brightness: 1400 lumen
No of lights: 5
Warranty: 2 years
3. d.light D100
Solar Panel: 9 W
Brightness: 440 lumen
No of lights: 3
Warranty: 2 years
4. d.light D150
Solar Panel: 10 W
Brightness: 360 lumen
No of lights: 3
Warranty: 2 years



Grievance Redressal Mechanism

The d.light team will set-up a formal input, feedback, and grievance mechanism for the programme. This will include providing contact details for direct feedback regarding the programme. A programme level email address has already been mentioned for the stakeholders to provide their feedback about the programme.

At the VPA level, a continuous input and grievance expression process book shall be made available at an agreed location that is accessible to the local stakeholders. d.light has more the 100+ branches across the country where beneficiaries can visit to log complaints. Additionally, d.light has a toll free number and email ID where people can register complaints:

Toll free number : 0800-200-133 (MTN) or 0800-300-133 (Airtel)

Email: info@dlight.com

For Feedback/Suggestions

In case of any queries or further details about the programme please contact on the details given below:

d.light

Edwin Maingi

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Consolidated Feedback Summary

A consolidated summary of feedback received from stakeholders during the physical LSC meetings has been summarized as follows:

- The programme will have a positive impact on the lower-income households in Madagascar.
- Robust complaint resolution mechanism must be established under the programme
- The grievance book shall be placed at municipal offices or “fokontany” offices for villages far from the municipal/ HERI’s point of sale.
- A suggestion box shall be placed in municipal offices to ensure confidentiality .
- Effective means of grievance registration shall be established keeping in mind high levels of illiteracy in Madagascar.
- The carbon title transfer process shall be explained transparently to stakeholders at the time of product distribution.

d.light would like to express its gratitude to all the stakeholders for actively participating in the consultation meetings and sharing their valuable feedback. d.light in coordination with the local team (HERi) shall ensure that the above mentioned feedback is appropriately considered during programme implementation however, there are no changes in the design of the programme based on the feedback received from the stakeholders.

In case stakeholders have additional feedback about the programme, then they are requested to fill the attached feedback forms.