

SOLAR STREETLIGHT PROJECT IN LILONGWE CITY

Presented by

Agatha Mitambo

Finance and Administration Manager



INTRODUCTION

- ❑ Green Impact Technologies (GIT) was registered in 2018 as limited by company headquartered in Area 47 Lilongwe City.
- ❑ Accelerate alternative energy solutions targeting low income communities
- ❑ GIT uses market systems approach to:
 - ✓ *Distribute PAYGO solar home systems, Solar streetlights & Solar water pumps*
 - ✓ *Accelerate clean cooking technologies <Liquefied Petroleum Gas (LPG), Biogas, improved cook stoves >*



PROJECT BRIEF

- ❑ Most street lighting in Malawi has focused in heart of the cities
- ❑ However in outskirts there is darkness resulting to high rate of crimes posing a threat to business owners to operate up to old hours thereby retarding development
- ❑ In most locations especially residential streets and other locations there is total darkness once the sun sets.



PROJECT SCOPE

- ❑ GIT intends to install efficient street lighting using Lighting As A Service (LAAS) business model in Lilongwe in
 - ✓ Selected Peri urban markets in Lilongwe districts
 - ✓ Selected roads/Public street lighting

- ❑ Specifically
 - ✓ 200 solar street lights &
 - ✓ 181 affordable portable solar water pumps



BUSINESS MODEL

- ❑ LCC & GIT will coordinate payments from the solar streetlight customers.
- ❑ GIT will sell solar water pumps through sales agents and partnerships with community-based organizations



PROJECT UPDATE

❑ Completed engagement with relevant stakeholders for the project

❑ Co-Financing secured

Some Pictures during the consultation meetings



PROJECT UPDATE

- ❑ Completed engagement with relevant stakeholders for the project
- ❑ Co-Financing secured



PROJECT TARGET AREA

☐ Solar water pumps have been procured and arrived in Malawi

☐ Completed engagement with communities and smallholder farmers



IMPLEMENTATION PLAN

Main Activities & Milestones	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct-Dec 2023	Jan-March 2024
Stakeholder engagement & inception activities. Consultative meetings with the Lilongwe city council leadership, City Executive committee, and the market committees.												
Engagement with advertising companies and development of business plan for sustainability												
Procurement of equipment, components												
Installation of solar streetlights in markets												
Operation and maintenance of the solar streetlights												
Development of the sustainability plan and security measures for the streetlights												
Impact report and evaluation of the project success and documentation of lessons learnt												
Final project report & submission												



PROJECT BUDGET

- The total project cost is €279,131.00 in which United Nations Industrial Development Organization (UNIDO) shall only finance €184,283.00.



Thank you very much