

**Republic of Malawi**  
**Donation of Solar Lanterns to**  
**Chindindindi Day Secondary School**  
**Interim Report**  
(Outcome 12 months after distribution)

July 14, 2023

## I. Summary of the Project

Project Name	Republic of Malawi, Donation of Solar Lanterns to Chindindindi Day Secondary School
Project Site	Republic of Malawi, Northern Zone, Mzimba District, T/A Chindi, Symon Jere VDC
Donated Item	120 solar lanterns
Donation Date	March 11, 2021
Reporting Period	December 1, 2021 - December 31, 2022

## II. Social and Geographical background information of the Project Site

### 【Republic of Malawi】

The Republic of Malawi is a landlocked country located in the southeast of the African continent. About 19 million people in 40 tribes live in a strip of land that extends from north to south and covers an area approximately the size of Hokkaido and Kyushu combined (118,000 km<sup>2</sup>). The official languages are Chewa and English. It is an agricultural country with about 80% of the population engaged in agriculture, including maize and tobacco production, and the predominant religion is Christianity. After gaining independence from the United Kingdom in 1964, the country was under a one-party dictatorship for about 30 years, until the first democratic elections with the introduction of a multi-party system were held in 1994. Economically, it is one of the poorest countries in the world with a GNI (Gross National Income) per capita of US\$360, ranking 191st out of 217 countries (World Bank, 2019).

### 【Chindindindi Day Secondary School】

Chindindindi Day Secondary School is located in Mzimba District, Northern Zone, approximately 270 km north of Lilongwe, the capital of the Republic of Malawi. Although poverty is severe in the area, the soil is fertile and irrigated with water from the river, making it a suitable environment for agriculture. Aiming to create an environment that improves children's well-being, World Vision has implemented the Khuyu Area Development Program (ADP) from 2006 to 2021 in areas including Traditional Authority Chindi, the project site, and has been engaged in activities in various fields. In the field of education, we improved the quality of education by constructing secondary school buildings, providing teaching materials, and training teachers, and conducted other activities to raise awareness among community residents. As part of this effort, we also constructed a dormitory for girls at this secondary school.

The secondary school has 229 students in grades 1-4 (equivalent to junior high 3rd grade to high school senior year in Japan). Like many other secondary schools in the area, the school did not have electricity at the beginning of the project and did not have a good environment for students to focus on learning. Before the donation of the lanterns, students had difficulties in learning after dark and some boys took advantage of the dark classrooms to sexually harass girl students. Some students had flashlights, but replacing the batteries was a financial burden for them.

### III. Distribution details and Beneficiaries

#### 【Distribution details】

As of December 31, 2022

Location	Plan	Actual as of November 2021	Actual as of December 2022	
	Quantity of Lanterns	Quantity of Lanterns	Quantity of Lanterns	Number of Beneficiaries
Classroom (4 rooms)	40 (10 per room)	40 (10 per room)	40 (10 per room)	All 229 students
Latrines in the school premises (2 blocks)	4 (2 lanterns per block)	4 (2 lanterns per block)	4 (2 lanterns per block)	
Teacher's office	5	5	6	6 teachers
Kitchen	4	2 have been installed. *The other two are being stored by school staff to be installed in the new kitchen currently under construction.	2 have been installed.	2 cooks
Girls' dormitory	65 *40 for students (1 per student), 10 for rooms (1 per room), 5 for corridor, 5 for water distribution points, and 5 for toilet and shower rooms	55 *30 distributed to current girls boarding students. As the capacity is 40 students and new students are scheduled to enroll in January 2022, the remaining 10 lanterns are kept in the dormitory.	60 *31 distributed to current girls boarding students.	31 girls boarding students
Security staff	2	2	1 *Distributed to one person in duty and 1 more lantern will be distributed as soon as another person is hired.	1 security guard
Total	120 lanterns	120 lanterns (including 12 in storage)	114 lanterns (including 1 in storage) *6 less than planned due to malfunction	269 people (Total of students and school staff)

#### IV. Outcomes

Indicators	Baseline value	Value as of November 2021	Value as of December 2022
Number of students participating in after-school studies	84 (39 boys, 45 girls)	97 (48 boys, 49 girls)	160 (97 boys, 63 girls)
Average length of time students study after school	2 hours	3 hours	3 hours
Number of students who pass the government-administered secondary education completion examination	10 (6 boys, 4 girls) out of 24 candidates / 42% pass rate	This year's exam is scheduled to be held in January 2022	8 (4 boys, 4 girls) out of 15 candidates / 53% pass rate
Number of students who feel safe when studying at classroom after school	(No value)	100%	100%
Number of students who feel more safe than before staying in the girls' dormitory	(No value)	100%	100%

- The lanterns installed in classrooms have helped improve the safety of girl students. Because of the safe learning environment provided, many of the girls stay at school after class to complete their homework before returning home, and their academic performance has improved remarkably. In addition, the lanterns installed in teachers' office have allowed teachers to spend more time preparing for classes, which has improved the quality of teaching. This also helped improve the students' academic performance.
- Before the project started, girls boarding students were using flashlights, but they had to pay for the cost of replacing the batteries themselves. The donation of the lanterns has reduced their financial burden for the batteries, and the presence of the lanterns has also been providing peace of mind to the girls when eating dinner or taking a shower at night.
- The lanterns installed in the kitchen have greatly contributed to the efficiency of early morning school lunch preparations and girls' dormitory dinner preparations.
- It has become easier for security guards to guard the school premises at night. Security has become more attentive, and there have been no incidents of theft or damage to school facilities since the project started.

**【Pictures】**



Girls boarding students holding their lanterns



Newly constructed kitchen

**【Story of beneficiaries (stakeholders)】**



**Diana and Shanika, girls boarding students**

Before coming into the girl's dormitory, they were not doing well in class. According to Diana, they were able to spend more time on their studies after receiving donated lanterns. Shanika says that she feels safer since the lanterns (and fences) installed in the girls' dormitory have reduced the risk of sexual harassment from boys. The two girls' performance has significantly improved since the lanterns were installed, allowing them to pass exams with good grades in class.

\*The fences around the school was built with support from WV Malawi.

Note: Names of the beneficiaries above are pseudonyms.

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