

# Project Report

## Climate Champions Literacy Program



# **BACKGROUND**

With the emerging threats of climate change, the need for comprehensive environmental and climate education has never been greater. Nigeria just like every part of the world is beginning to experience the devastating effects of climate change yet there is still a high level of ignorance of climate change and its devastating effects amongst the populace. Globally, the 8th day of September is set aside as the world literacy day.

The goal of this day is to promote the importance of literacy as a matter of dignity and human rights and to advance the literacy agenda towards a more literate and sustainable society. Glow Initiative for economic empowerment understands that increasing climate education cannot exist without literacy. This is because literacy helps individuals and communities gain knowledge beyond their everyday networks. Individuals can make smart choices about recycling, composting, and sustainable actions that illiterate populations are not typically able to make. It is in line with this that we have designed the Climate Literacy Initiative to help foster awareness of people in rural communities on climate change.

## **GOAL OF THE PROGRAM**

To promote climate change education and awareness amongst schools in remote communities of Enugu state through climate capacity building programs for 2000 plus students and teachers.

## **OBJECTIVES**

1. To train teachers and students in Enugu state and advance climate literacy amongst secondary school teachers in Enugu state.

2. To Awaken the interest of young students on climate change mitigation by conducting intensive training on the science of climate for students using multimedia resources and colourful images
3. To provide climate literacy materials for select schools in Enugu state.

## **ACTIVITIES**

1. Climate literacy capacity building workshops for 100 teachers in Enugu state.
2. Training of 5000 students in Enugu state on the science of climate change using multimedia resources and colorful images.
3. Supply of climate educational resources for the library of select schools in Enugu state.
4. Providing 1000 students in Enugu state free climate education textbooks.

## **EXPECTED OUTCOMES**

At the end of this program, it is expected that:

1. The capacity of 100 teachers in Enugu state would have been enhanced so they can effectively transfer knowledge of climate change to students.
2. 2000 students in Enugu state will have a good understanding of climate change and how they can take actions to prevent it.
3. The library of 5 schools in Enugu state would be fully equipped with Climate educational resources and tool kits.

## Proposed Impact

Smart schools with well-equipped library, smart teachers and trained students will provide an enabling environment to raise up to 10, 000 climate champions in 5 years



A facilitator poses for photograph

# **PROGRAM ACTIVITIES**

## **1. CLIMATE LITERACY CAPACITY BUILDING WORKSHOPS FOR 100 TEACHERS IN ENUGU STATE**

This program featured a capacity building training for select Secondary School Teachers in Enugu state. The training was organized to help teachers receive trainings on student-centered methodology on the effective teaching of climate education. The training was primarily focused on helping them dissect the science of climate change and to identify sustainable practices that prevent climate change so they can effectively transfer same knowledge to their students.

### **Objectives of the workshop**

- a. Help teachers understand the basic science of climate change.
- b. Help teachers understand the cause and effects of climate change.
- c. Help teachers understand sustainable practices that mitigate climate change.

### **❖ Workshop Methodology**

#### **a. Presentation**

The workshop featured three presentations on the **Science of climate change, what we must do to stop climate change** and **Tree planting and climate change**. The presentations were facilitated by seasoned Climate education experts. The sessions lasted for 45 minutes each.

## **b. Interactive sessions**

The workshop also featured an interactive session for teachers and facilitators to interact on the subjects. The goal of the interactive session was to enable them share experiences, workable solutions and knowledge that will increase their capacity to transfer the right information to their students.



An instructor delivering a lecture to teachers @ Holy Child secondary School, Enugu.



A Facilitator delivering a lecture to teachers @ Community Secondary School, Umuawulu

## **2. TRAINING OF SELECT STUDENTS IN ENUGU STATE ON THE SCIENCE OF CLIMATE CHANGE USING MULTIMEDIA RESOURCES AND COLORFUL IMAGES.**

This program featured trainings for secondary school students in Enugu state. These trainings were focused on helping young students understand the basic science of climate change. The overall aim was to teach them the causes and effects of climate change and, to encourage young learners to take action in addressing the climate change phenomenon. This was done using simple and local instances they can relate to. Also, the lessons emphasized on little and step by step actions which students can take in addressing the climate change phenomenon. Colourful teaching materials were employed to teach the students, this provided visuals that helped them better understand the subject. It also made the learning environment fun-filled and interesting.

Students had the opportunity to ask questions and the resource team was on ground to provide answers and clarifications. The training was implemented in four secondary schools in Enugu state Nigeria.

### **❖ The objectives of the training**

- a. Help students understand the basic science of climate change.
- b. Help students understand the cause and effects of climate change.
- c. Help students understand actions which they can take to prevent climate change.

### **❖ Learning Outcomes**

- a. Students had a good understanding of the basic science of climate change.
- b. Students had a good understanding of the cause and effects of climate change.



- c. Students had a good understanding of the actions which they can take to prevent climate change.

#### ❖ **Lesson Structure**

- a. **Main Aim:** To teach students the science of climate change, the causes and effects of climate change and, to encourage young learners to take action in addressing the climate change phenomenon
- b. **Procedure:** Instructors started with energizer activities to get the students mentally alert to learn. This was preceded by storytelling on climate change then the lessons proper followed. Students also had ample time to ask questions and adequate answers were provided.
- c. **Challenges:** Most students never had about Climate. Instructors had to commit a lot of time to help the students understand the difference between weather and climate.
- d. **Timing:** the lessons lasted for 1 hour 30 minutes. This included time for question and answer. The time allotted was not adequate; the schools had to attend to other demands of their curriculum.

#### ❖ **Schools Covered**

The following schools were beneficiaries of the free training for students;

1. Holy Child Secondary School, Enugu.
2. Lily Hills Academy, Enugu-Port Harcourt expressway, Enugu.
3. The Sure Foundation School, Enugu.
4. Eagle Vision Academy, Enugu.
5. Community Secondary School, Umuawulu



A facilitator educating students @ Lily Hills Academy while the students listen with keen attention



A Facilitator educating students @ Holy Child School while the students listen with keen attention



An instructor teaching Students @ Community Secondary School Uwuawulu while the students listen with keen attention

### 3. SUPPLY OF CLIMATE EDUCATIONAL RESOURCES FOR THE LIBRARIES OF SELECT SCHOOLS IN ENUGU STATE

This program featured the donation of Climate educational materials for the libraries of select schools in Enugu state. The aim of donating the materials is to provide a comprehensive climate education learning material which will equip students with basic and adequate knowledge on climate change.



Students of Lilly-Hills Academy, Enugu receiving Climate Educational materials



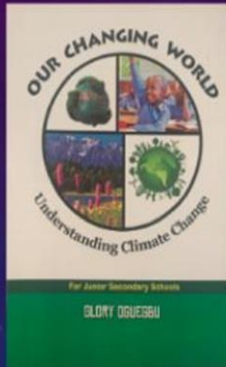
A Student of Holy Child school, Enugu receiving Climate Educational materials



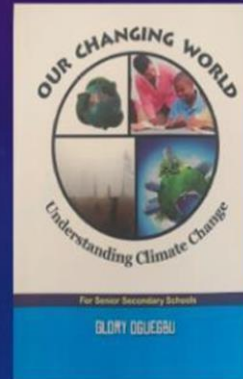
A Student of Eagle Vision Academy, Enugu receiving Climate Educational materials

## THE BOOKS

Includes bite sized lessons and contextual discussions and activities



OUR CHANGING WORLD; Understanding Climate Change  
(for junior secondary schools)



OUR CHANGING WORLD; Understanding Climate Change  
(for senior secondary schools)

Design of the books donated to schools

### List of Schools that received the Climate Educational Materials

1. Eagle Mission Academy, Enugu, Enugu state.
2. Lilly Hills Schools Enugu.
3. Sure Foundation School, Enugu.
4. Holy Child International School, Enugu.

## **Access Bank Support**

1. Access Bank support covered expert designs for our IECs and publicity materials.
2. The support enabled the purchase of the Climate educational materials.
3. The support covered the cost of organizing the workshops for teachers.
4. The support covered the cost of transportation and accommodation of the project team in Enugu state.

## **About Glow Initiative for Economic Empowerment and Climate Smart Nigeria**

Glow Initiative for Economic Empowerment is a non-governmental organization set up to harness the economic potentials of communities by tackling problems like unemployment, poor electricity access and climate change through education and investments in renewable energy. We are focused on reducing unemployment and creating a sustainable society by supporting women and young people to become renewable energy entrepreneurs by helping them acquire solar technology, business and financial management skills to create and deploy solar solutions for individuals and companies in rural and urban areas. Our goal is to birth 10,000 renewable energy entrepreneurs in the next 5 years. Climate Smart Nigeria is the arm Of Glow Initiative which is set up to combat environmental problems like Climate change to improve the nation's power sector by spreading the awareness of Climate Change to curb climate illiteracy and promoting the intervention of renewable energy. Through CSN, we use the tool of education to curb climate illiteracy. Our goal is to boost the economic development of Nigeria and attain a Climate Smart nation come

2026 through pioneering investments in renewable energy, Climate education and agriculture.



## PICTORIAL EXCERPTS



A facilitator educates students on the science of climate change @ Holy Child School, Enugu



A facilitator educates teachers on the science of climate change @ Eagle Mission Academy, Enugu.

## PICTORIAL EXCERPTS



A team member presenting a Climate Champions' certificate to Lilly Hills Academy, Enugu

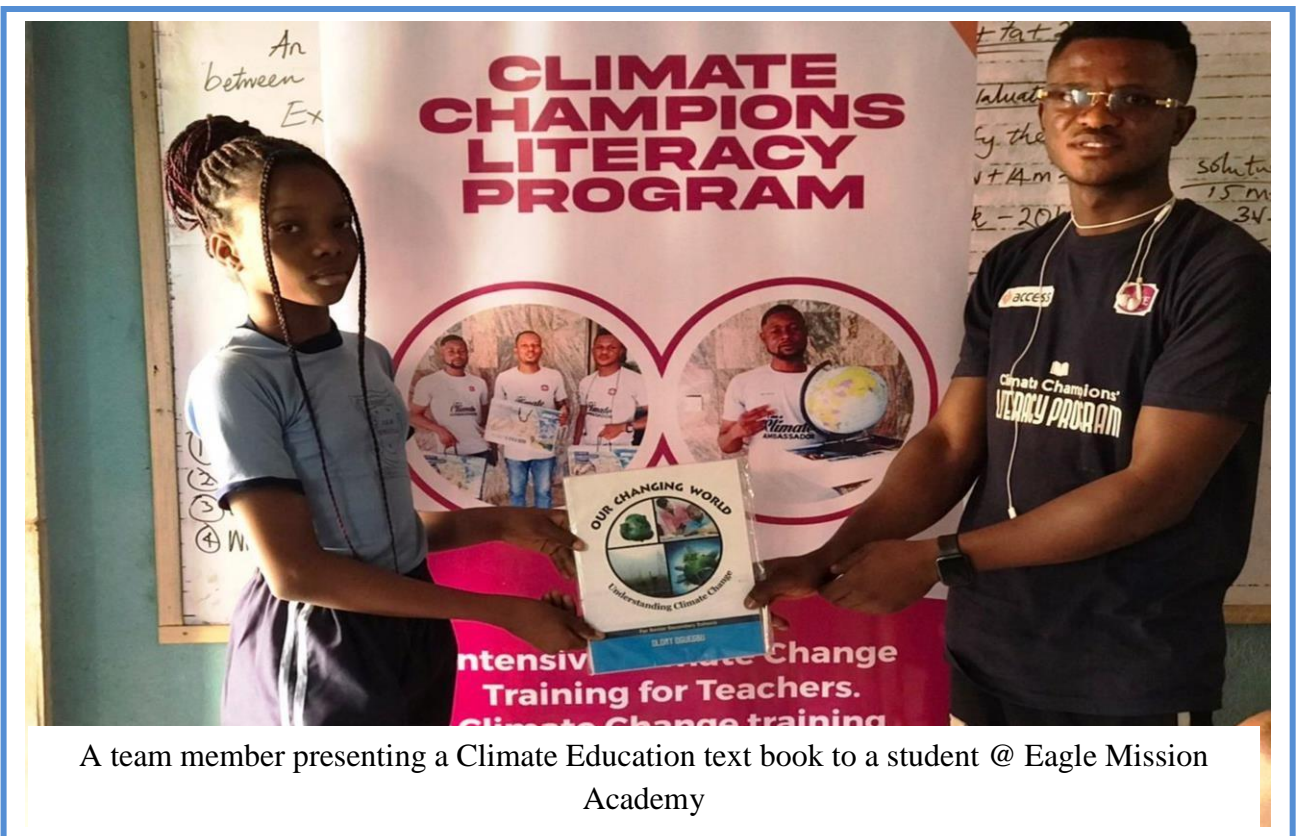


A facilitator interacts with young students @ Eagle Mission Academy

## PICTORIAL EXCERPTS



A team member presenting a Climate Champions' certificate to Eagles Mission Academy, Enugu



A team member presenting a Climate Education text book to a student @ Eagle Mission Academy

## PICTORIAL EXCERPTS



A team member presenting a Climate Champions' certificate to Lilly Hills Academy, Enugu



A facilitator interacts with young students @ Eagle Mission Academy

## PICTORIAL EXCERPTS



A team member presenting a Climate Education text book to a student @ Community Secondary School, Umuawulu



Students pose with placards after a training session

# IEC MATERIALS



## IEC MATERIALS

**CLIMATE CHAMPIONS LITERACY PROGRAM**

- Intensive Climate Change Training for Teachers.
- Climate Change training for students
- Donation of Climate change Resources to the Library of 5 schools.

**CLIMATE ACTION NOW!**

**i am a CLIMATE AMBASSADOR**