TRIPLE HELIX PLUS MODEL:
AN INNOVATIVE PARTNERSHIP IN LINE WITH SDG 17

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Introduction

Triple Helix is a model based on Government-University-Industry Partnership.

Integrating professional bodies into the Triple Helix model gives Triple Helix Plus+, which is an innovative partnership for sustainable development in line with SDG 17.

Entrepreneurs in Action for US (ENACTUS), is an international nonprofit organization dedicated to inspiring students and young people to improve the world through entrepreneurial action.

It provides a platform for teams of outstanding university students to create community development projects that put ingenuity and talents at the centre of improving livelihoods.

ENACTUS operating within the Triple Helix Plus+ model at RCE-Port Harcourt has successfully executed many sustainable development projects.
Introduction Contd.

Fig. 1: Triple Helix Model

Fig. 2: Triple Helix Plus model (PB = Professional Bodies)

Fig. 3: University-Community Engagement in achieving SDG 17 within Triple Helix Plus+ Model.
What is ENACTUS?

- Entrepreneurs in action for us (ENACTUS) is an international student’s organization.
- It prepares students and engage them in embarking on sustainable development projects that positively impact their host communities.
- By engaging in community projects students also prepare themselves for life after school.
- ENACTUS gets support and sponsorship through partnerships.
Introduction

SDG 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development

The SDG 17 Target: Multi-stakeholder partnerships
Skill for Life

Objectives of the project

- To identify and train a pool of youths and women with limited or no means of livelihood due to low skills and help them become self-reliant and productive in their communities.
- To raise funds to start micro enterprise for the most successful trainees.
- To monitor and evaluate their progress and ensure best practices for sustainable development.
Implementation Strategies

Skills grouping and percent of participants in each group

Fig. 4: Graph showing the five skills grouping and percent of the participants in each skill group relative to the 200 participants engaged in the project.
Fig. 5: Different Items produced by participants after training

Fig. 5a: shoes

Fig. 5b: Hand Bag

Fig. 5c: Liquid Soap

Fig. 5d: Hand Bag

Fig. 5e: Hand Bag
Objectives of the Project

● To solve the problem of air and noise pollution from generator set
● Access knowledge from researchers and lecturers in the partnering departments
● Build a noiseless, non fuel power generating device
● Test run, hand over to community and follow up
GOTECH - An ICT Training

Objectives

- To train teenagers on practical usage of computer
- Draw business plan for the project
- Train 22 teenagers on Android programming as pilot project
- Follow up and evaluation

Fig. 7: Enactus Connecting the school children, ICT Company (TEENCODERS) and Community-Partnership
Fig. 9: Certificate of Participation is awarded from Enactus and Teencoders to participants after the training.
CHOKOR OVEN

Objectives
- To solve the problem of smoke spreading from fish smoking drums in Choba market
- Carry out needs assessment of fish smokers and their customers
- Research and brainstorm on the problem
- Create awareness and train fish smokers on better and innovative way of fish smoking
- Construction of CHOKOR Oven
- Commission and hand over to market women
- Monitoring and evaluation.
Fig. 10: Preparation for the Construction of Chokor Oven
Fig. 11: Preparation for the Construction of Chokor Oven Shade
Fig. 12: Chokor Oven and the Fish Seller in Choba Market.
Agro Fertilizers

Objectives

• Neutralizing soil acidity which is as a result of the high petro-chemical industrial activities in city of Port Harcourt.
• To boost farmers income through the supply of cheap fertilizer.
• To rid the environment of harmful and possible sources of CO emulsion through the recycling of both industrial and agricultural wastes.
• To create wealth from waste.
• Creating awareness on the important of poor organic farming and the risk the environment focus in continuous application of conventional fertilizer on.
• Creating employment for the locals who get involved in various product process.
Fig.13: The seedlings are planted in a nursery
Fig. 14: Production of Agro Fertilizers
Fig. 15: The Raw Materials for the Agro Fertilizer
Challenges of Partnership/SDGs

The Triple Helix Plus\(^+\), as good as it sounds has challenges such as:

- More finance is required to carry out more projects
- Harmonizing differences in culture among partnering teams
- The way forward is to adopt a win-win principle.
Conclusion

- It is obvious that partnership is important for the achievement of SDGs
- Triple Helix Plus\(^+\) involves the contributions of government, university, industry and professional bodies towards a sustainability strategy for the university, industry and society.
- SDG partners include WHO, FAO
- The ENACTUS Uniport teams interacts with the partners in the Triple Helix Plus\(^+\) and link them to the community through RCE Port Harcourt.
THANK YOU FOR YOUR ATTENTION.