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EngageSDG

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UNILUS Pilot Project:

Climate-Resilient Agricultural Practices through Participatory Knowledge Exchange in Zambia's Agro-Ecological Regions I and II.

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Presentation Overview

- Objectives of the pilot project
- Training implementation and activities
- Results

Objective of the Pilot Project.



- Strengthen adaptive capacity of smallholder farmers.
- Promote sustainable and climate-resilient farming practices.
- Facilitate participatory knowledge exchange between the university and communities.
- Support sustainable food production and resilience.

Training Activities Conducted



- Training on water harvesting techniques.
- Mulching and soil moisture conservation practices.
- Crop diversification and sustainable farming systems.
- Organic vegetable production methods.
- Knowledge exchange between farmers and facilitators.

Impact of the Pilot Project



- Improved awareness of climate resilient agricultural practices.
- Increased farmer participation in sustainable farming activities.
- Enhanced collaboration between the University of Lusaka and local communities.
- Improved practical knowledge on water conservation and organic farming.
- Enhanced confidence among farmers to adopt climate-smart practices

Lesson Learnt



- Participatory approaches improve community engagement and sustainability.
- Farmer-centered learning encourages adoption of new practices.
- Practical demonstrations are more effective than theory-based training alone.
- Community partnerships strengthen project ownership.
- Continuous follow up is important for long-term impact.

Recommendations

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- Scale up climate-resilient agricultural training to more communities.
- Strengthen partnerships with local stakeholders and extension officers.
- Increase support for irrigation and water harvesting infrastructure.
- Provide continuous mentorship and monitoring for trained farmers.
- Enhance documentation and sharing of community success stories.

Potential strategies for the pilot project

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- Develop farmer-led demonstration plots for continued learning.
- Introduce community-based mentorship groups.
- Strengthen monitoring and evaluation systems.
- Integrate digital learning tools for farmer training.
- Promote stronger collaboration between researchers and farmers.
- Support local agribusiness opportunities linked to climate-smart farming.

Reflection

- The pilot project demonstrated the importance of participatory knowledge exchange.
- Collaboration between universities and communities can generate sustainable local solutions.
- The project strengthened both technical and social learning.
- The experience highlighted the importance of community ownership in development initiatives

Conclusion

THANK YOU, ASANTE SAANA.

- The EngageSDG pilot project successfully strengthened climate-resilient agricultural knowledge among smallholder farmers.
- Participatory approaches improved community engagement and practical learning outcomes.
- The project contributed to sustainable agriculture and community resilience.
- The pilot provides a strong foundation for future community-based agricultural initiatives