

Sustainable Agriculture in Nigeria: Integrating Energy Efficiency and Renewables

Authors : Vicx Farm

Abstract : This paper examines the critical role of energy efficiency management and renewable energy in fostering sustainable agricultural practices in Nigeria. With the growing concerns over energy security, environmental degradation, and climate change, there is an urgent need to transition towards more sustainable energy sources and practices in the agricultural sector. Nigeria, being a significant player in the global agricultural market, stands to benefit immensely from integrating energy efficiency measures and renewable energy solutions into its agricultural activities. This paper discusses the current energy challenges facing Nigerian agriculture, explores the potential benefits of energy efficiency and renewable energy adoption, and proposes strategies for effective implementation. The paper concludes with recommendations for policymakers, stakeholders, and practitioners to accelerate the adoption of energy-efficient and renewable energy technologies in Nigerian agriculture, thereby promoting sustainable development and resilience in the sector.

Keywords : energy, agriculture, sustainability, power

Conference Title : ICEEREAES 2024 : International Conference on Energy Efficiency, Renewable Energy and Alternative Energy Systems

Conference Location : Vancouver, Canada

Conference Dates : September 26-27, 2024