

## Biomass For Energy In Improving Sustainable Economic Development

**Authors :** Dahiru Muhammad, Muhammad Danladi, Muhammad Yahaya, Adamu Garba

**Abstract :** This paper put forward the potentialities of biomass for energy as divers means of sustainable economic development. The paper explains, in brief, the ways or methods that are used to generate energy from biomass, such as combustion, pyrolysis, anaerobic, and gasification, and also how biomass for energy can enhance the sustainable economic development of a Nation. Currently, the nation depends on fossil fuels as a sources of generating its energy which is finite and deflectable with time, while on the other hand, biomass is an alternative and endless product which consists of forest biomass, agricultural residues, and energy crops. Finally, recommendations and conclusion were made on the role of biomass for energy in improving sustainable economic development.

**Keywords :** biomass, energy, sustainability, economic

**Conference Title :** ICREES 2023 : International Conference on Renewable Energy, Environment and Sustainability

**Conference Location :** Dubai, United Arab Emirates

**Conference Dates :** March 16-17, 2023