



Tropentag, September 20-22, 2023, hybrid conference  
“Competing pathways for equitable food systems transformation:  
Trade-offs and synergies”

## Nigeria case studies on connecting agricultural waste to livestock production

MICHAEL OKE

*Michael Adedotun Oke Foundation, Michael Adedotun Oke, Nigeria*

### Abstract

Many agricultural activities, such as aquaculture, animal rearing, and farming, produce a variety of agricultural wastes and domestic human wastes from eating that provide difficult disposal issues. Rice barns, cassava peels, different vegetable and yam peels, and other human wastes such as various leftover dishes like rice and beans are a few examples. The participants will learn that agricultural wastes can be utilised to generate animals. The policy will be discussed, and the outcomes will be tracked. Execute a field demonstration practically. This essay discusses the different connections that the poultry industry might make. These veggies are also used to feed rabbits, and rice husk is employed in the preparation of various fisheries' feed. It was discovered via the field studies, observation and group discussions that it is not being addressed. Although while there are currently no laws that can force this, some people are fighting to change this and support more research into the variables that affect relationships. In which these wastes, when properly managed through the application of the knowledge of agricultural waste management systems such as the "3Rs, can be transformed into beneficial materials for human and agricultural use, and various innovative, sustainable food production, and consumption patterns that encourage synergies and consumption patterns. So, it is important to effectively manage the vast amount of organic waste materials produced in Nigeria by composting and biogasification in order to provide an outcome that is beneficial in agriculture and generates cash and it also give some recommendation that effective delivery of the extension services of the diverse technology involving and dissemination of important information of how to go about this and more research and development, that will ensure new knowledge exchange and documentation procedures.

**Keywords:** Agricultural, animals, waste