

In Bauchi State, agriculture remains central to survival, but climate change has destabilized the region's productivity. Erratic rainfall, droughts, and floods have diminished soil fertility and food security. With inorganic fertilizers proving harmful over time, smallholder farmers face increasing vulnerability.

To address these challenges, Together for a Sustainable Earth Development Initiative (TSEDI) launched the "Organic Waste to Wealth" project in Doka, targeting 90 women smallholder farmers. The initiative provided training in composting organic waste cow dung, rice husks, green and dry leaves reviving the soil while reducing chemical dependency.

Furthering ecological resilience, the women planted Neem and Moringa trees to enrich the soil, sequester carbon, and combat deforestation. Clean energy practices were introduced by converting cow dung into biogas and creating briquettes from rice husks. These innovations improved indoor air quality and offered new income opportunities.

By linking restoration with empowerment, the project contributes to critical Sustainable Development Goals including Zero Hunger, Gender Equality, and Climate Action. Most importantly, it equips women to become custodians of sustainability restoring their land, livelihoods, and leadership.