Scaling Global South Climate Solutions | Prolific Innovations Limited - Uganda





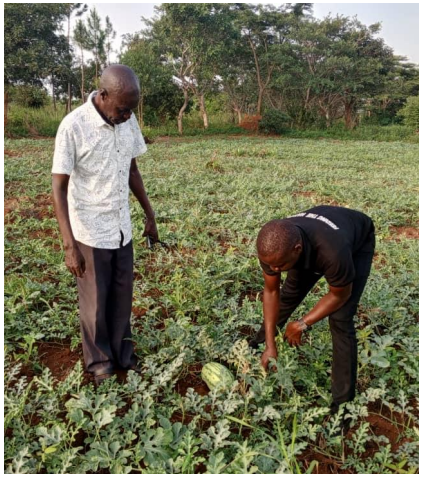
Challenge
Smallholder farmers face declining soil fertility, low crop productivity, and prohibitive agricultural input costs, while organic waste is frequently dumped or burned, exacerbating greenhouse gas emissions and environmental pollution. Communities urgently require affordable, climate-smart solutions to enhance food security and livelihoods.

Solution
Prolific Innovations Limited transforms organic waste into Vermi Power Organic Fertilizer using vermicomposting and Black Soldier Fly technologies. The enterprise also supplies climate-smart agricultural inputs, trains farmers in regenerative agriculture, and promotes sustainable farming practices. This comprehensive approach restores soil health, minimizes waste, boosts crop yields, and strengthens community resilience against the escalating impacts of climate change.

Impact

- Recycled over 8,500 tonnes of municipal organic waste into high-quality organic fertilizer.
- Trained more than 11,000 smallholder farmers in climate-smart and regenerative agriculture.
- Restored soil health while significantly reducing urban waste accumulation and greenhouse gas emissions.
- Created sustainable employment opportunities for youth through urban circular economy enterprises.
- Established strategic partnerships with farmer cooperatives, development organizations, research institutions, and private sector actors.





Contact

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