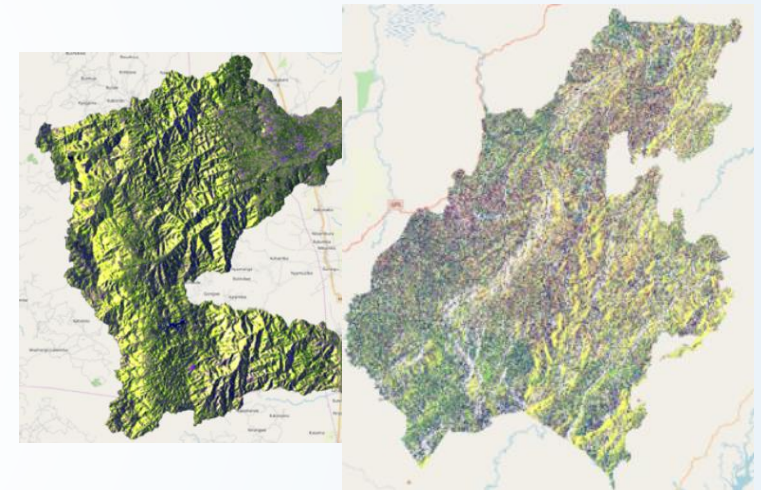# Biomass Estimations

- User: Carbon market actors, certifiers and verifiers, project managers, supply chain managers, NGOs, offsetters
- Challenge/Needs: Biomass estimations using remote sensing provide unlimited opportunities, such as carbon sequestration monitoring, carbon credit conversion, yield and resource predictions, and risk assessments.
- Initiative: Biomass estimations in three different ecoregions were able to determine biomass estimations for agroforestry and mixed-tropical forests to a high level of accuracy.
- Results: Scalable biomass estimation for conversion to carbon credits, monitoring (auditing) over time, historical data comparisons for accurate and permanent carbon sinks.
- Service Provider: Space4Good (Rabobank, Arsari Enviro)

Target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.

Biomass visualization of mixed, tropical forests based on radar data.

References link: https://www.space4good.com/portfolio

EARSC
European Association
of Remote Sensing
Companies