

RANETA Case Study

A 2024 AFCIA grant to Green Habitat Initiative (GHI) from UNEP-CTCN

IE Seminar, JoBurg,
17 September 2024

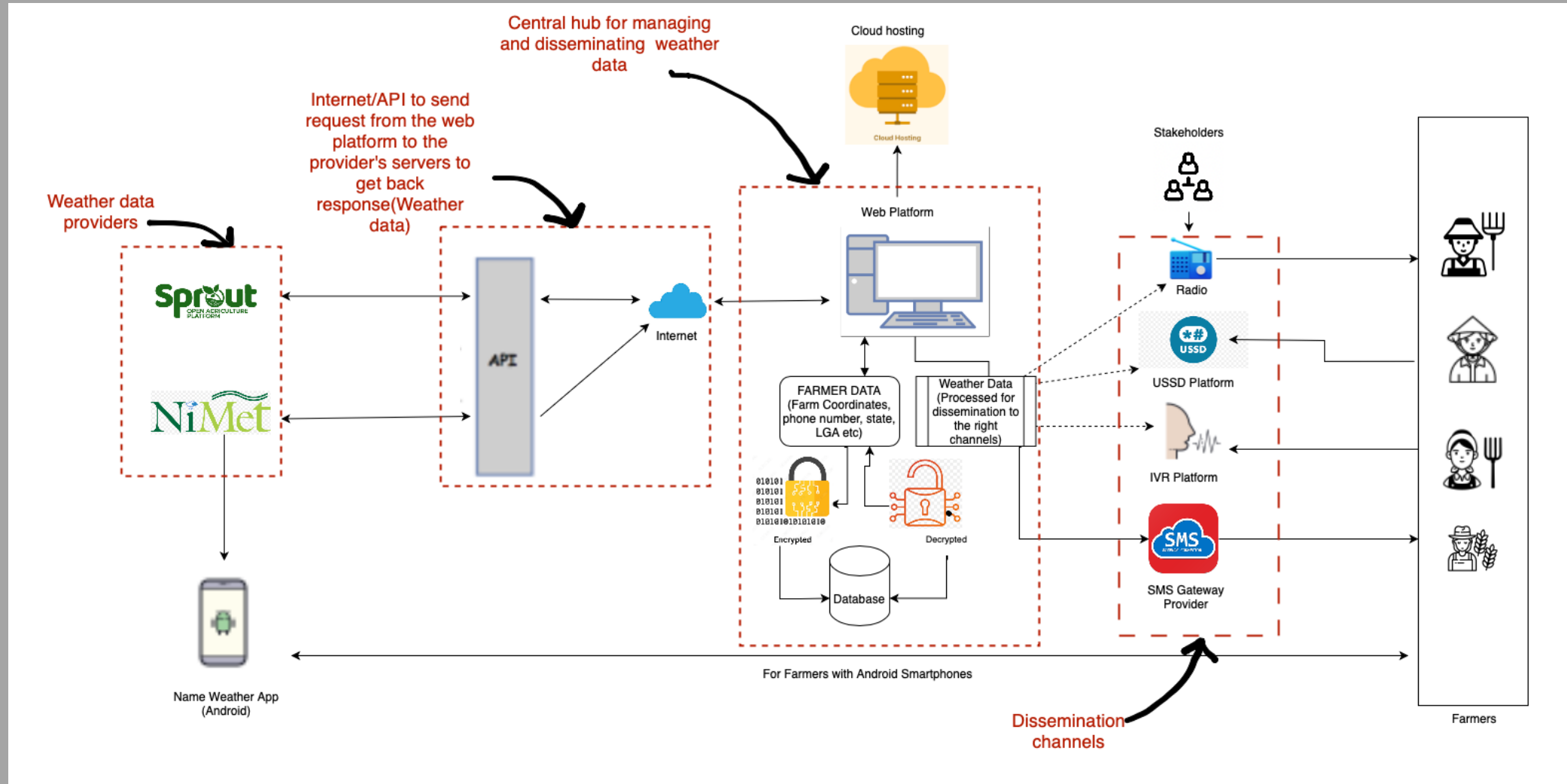


By Sadiq Abubakar Gulma
Founder & Executive Director, GHI
Project Director, RANETA

Summary of the Technical Assistance

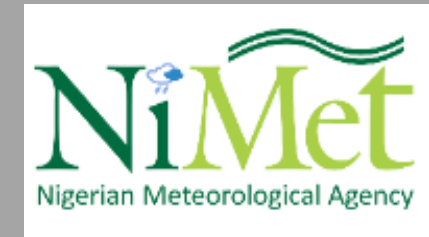
- Reduce climate risk of smallholder farmers (80% of farmers in Nigeria).
- To pilot a RANET system:
 - Use of **radio** and **internet** technologies to disseminate **actionable** agromet information to small-holder farmers.
 - Building an early warning systems: adaptation, decision making, forecasting, etc.
- Integrated weather data:
 - community wide (from Nigerian Meteorological Agency + GPS (from Opensprout))
- 18 months: Mar 2024 to August 2025
- Innovation grant.

RANETA System Architecture (v1)



Design Phase

- Understanding of donor's/partner's needs: research & stakeholder engagement:



- Proposal/Research on up-to-date issues and realities:
 - Media publications
 - Grey literature
 - Academic journals
 - Similar projects implemented elsewhere
- Applying GHI's internal project approach:
 - TIPS: Technology, Innovation, Partnership, & Sustainability

Lessons Learned During Implementation

- Moving from design to implementation can be time consuming: have a long-time frame patience.
- Staff changes within partner organisations affects progress: be ready to always engage, orient, educate, etc.
- Stakeholder engagement necessary. We have a **Stakeholder Engagement Officer** for that specific purpose.
- The magic is not the product, but the **supporting environment/system**.
- Being **flexible** and **adaptive** to upcoming challenges.
- Being **innovative** can push necessary boundaries: digitizing, setting up more efficient systems/platforms).