

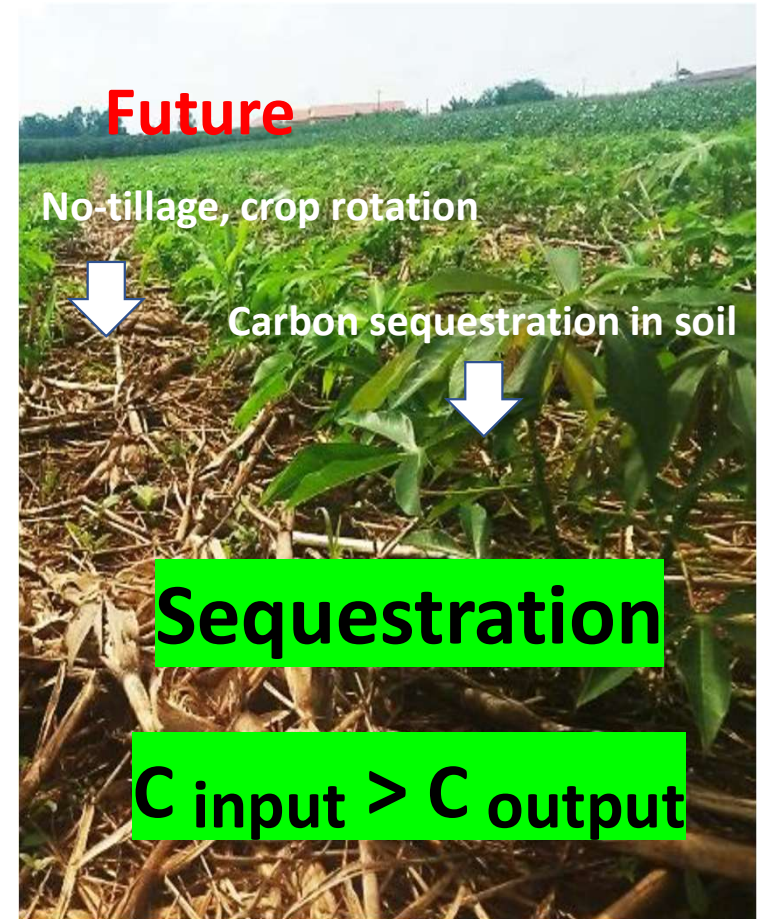
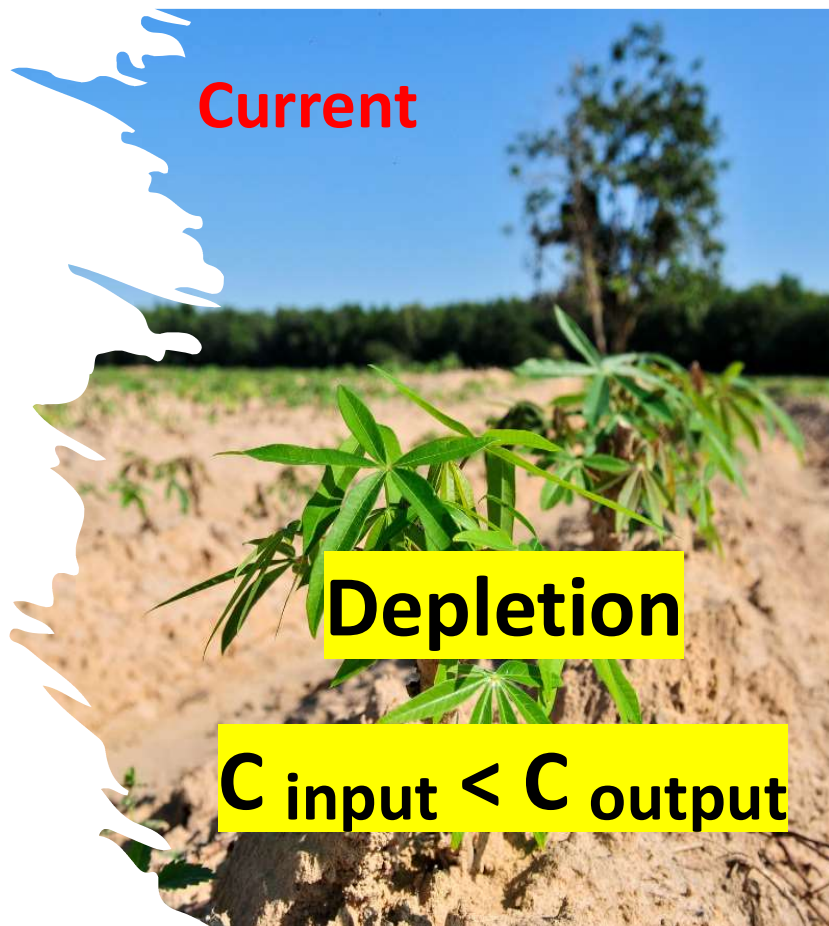
Cassava Program Retreat 2023

Day 2 – Current science and partnerships

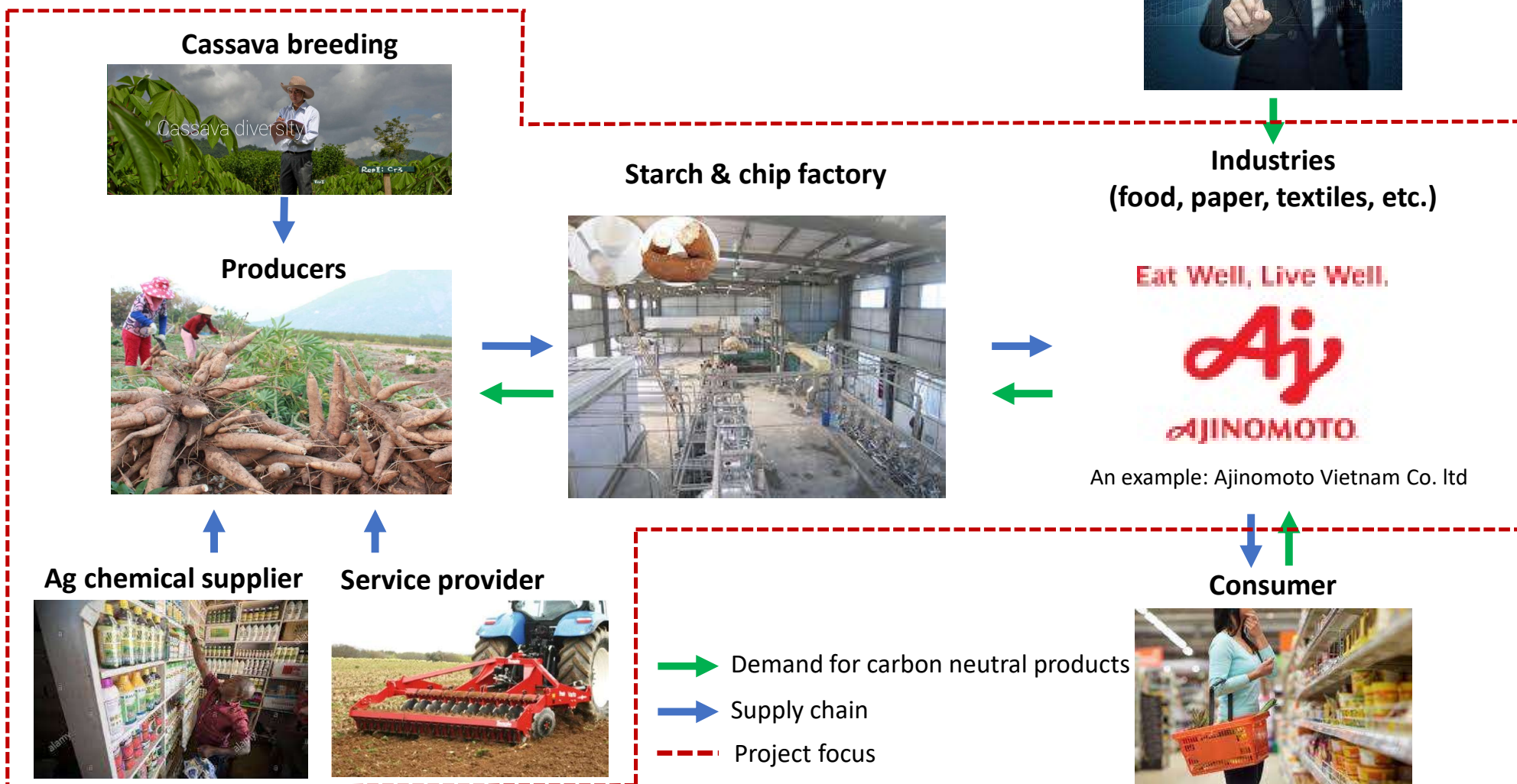
Sustainable cassava production system
within the landscape

Manabu & Michael Team
Feb 14, 2023

Image for problem-solving for sustainable cassava production



Cassava supply chain and carbon neutrality demand

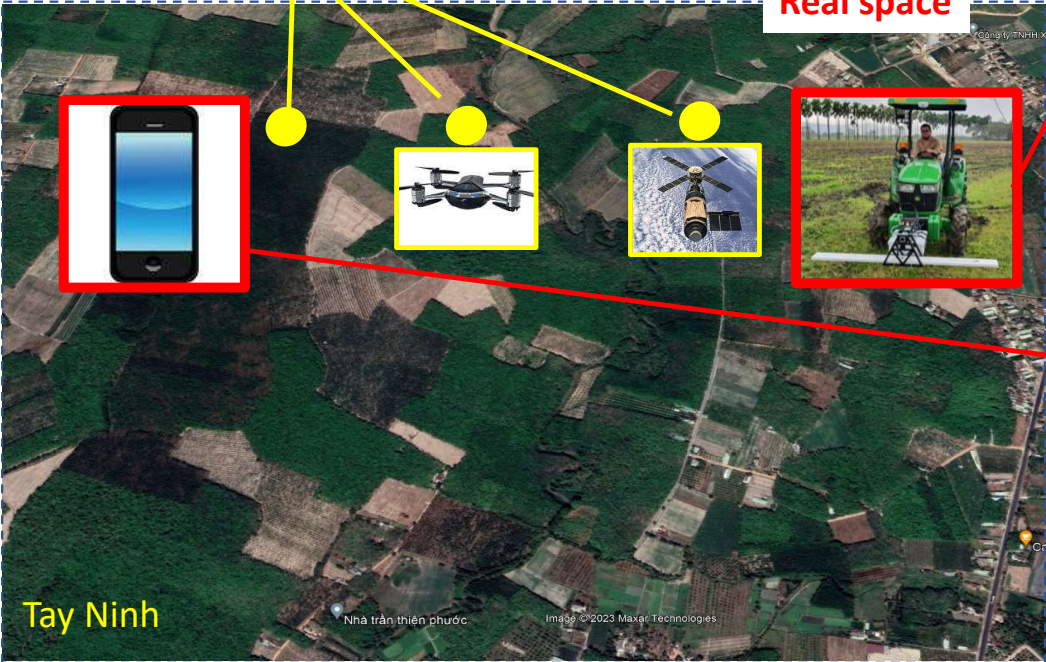


Technology application and deployment

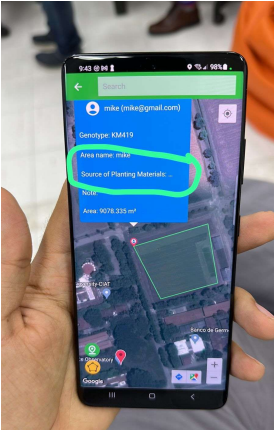
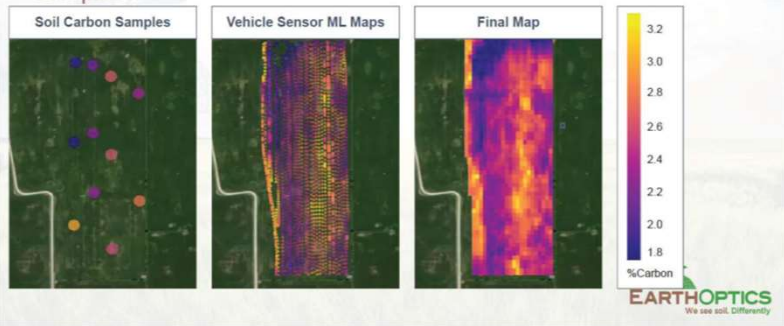
Virtual space



Real space



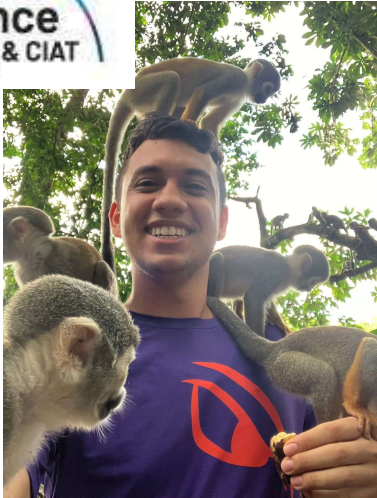
C-mapper by EarthOptics



Cassava Value app

- Cultivation area map
- Seed matching map
- Carbon map
- **AI-Disease map**

Major partners for cassava value app



+



+



Michael Rodriguez Reyes

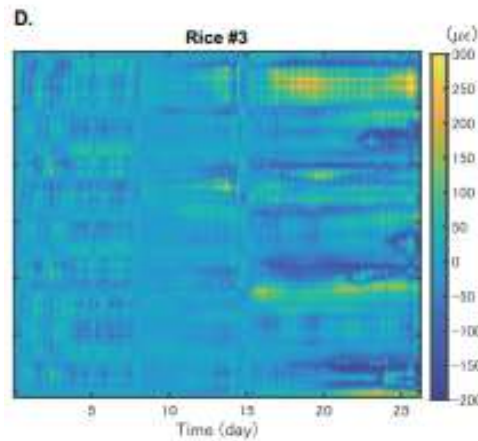
App development
Outsourcing

Nguyen Hai Anh, Ph.D.

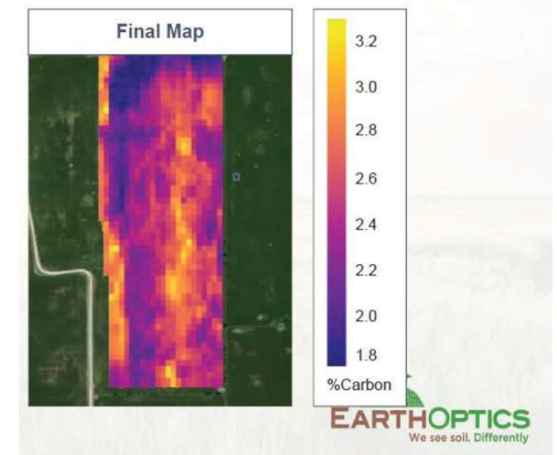
Development of SATREPS Project Concept

Transforming the cassava supply chain by establishing regenerative farming with maximized use of genetic resources

Partner



Proc. of SPIE Vol. 11953 119530I-1



Science

GPR

Fiber optic sensor

C-mapper

Thanks

