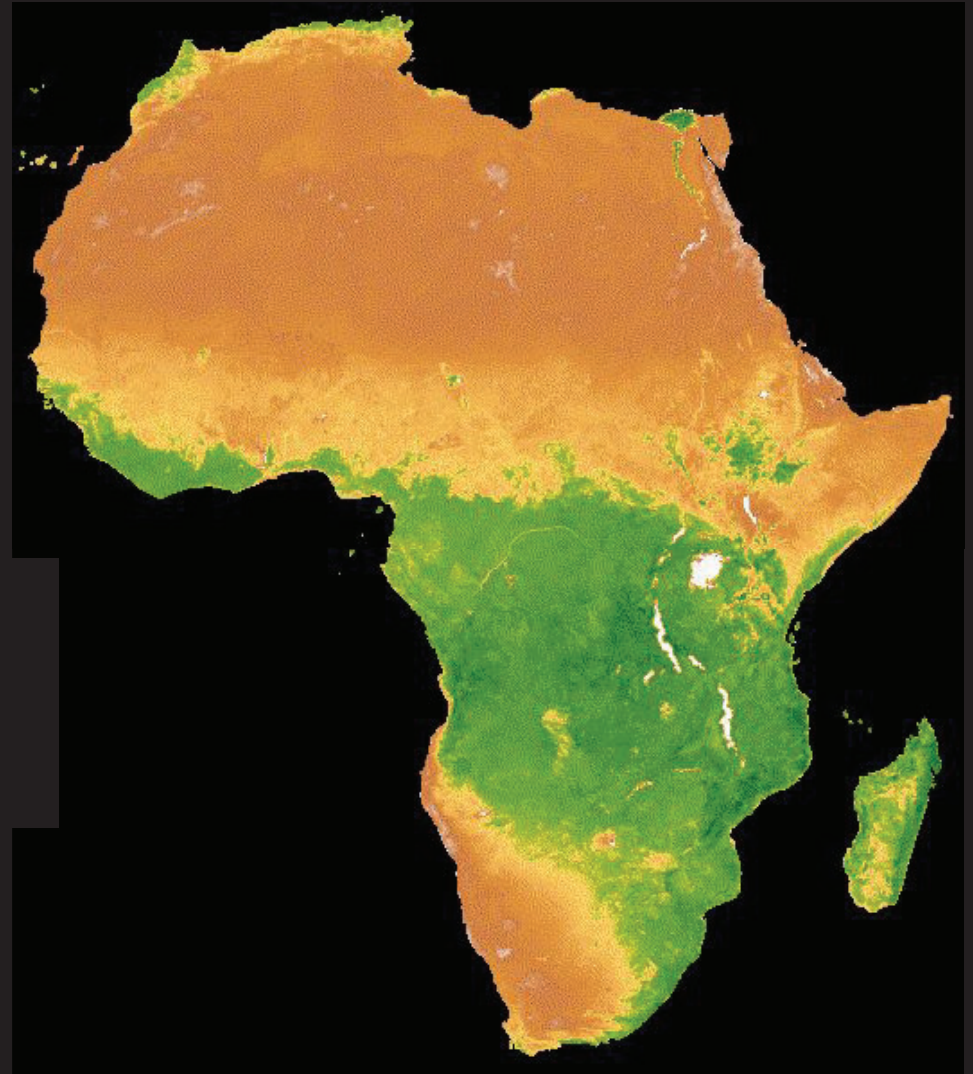


One Map

Unlock the economic power of agriculture through a global, interoperable digital map

UNFSS Innovation Lever
July 2021



Resilient, global food systems are necessary to sustain humanity and the planet.

To meet this challenge, new forms of agile, responsible, data-driven collaboration are urgently needed.

Our partners



Food and Agriculture
Organization of the
United Nations



THE WORLD BANK



CGIAR

DigitalGreen



Hewlett Packard
Enterprise

GOGLAM
Global Agricultural Monitoring

The problem

- Data-driven solutions are urgently needed to shift food systems, but data remain siloed and the sector fragmented.
- Recent years have seen an erosion of trust in data, digital technologies, and virtually all institutions, that hinders collaboration.

Our approach

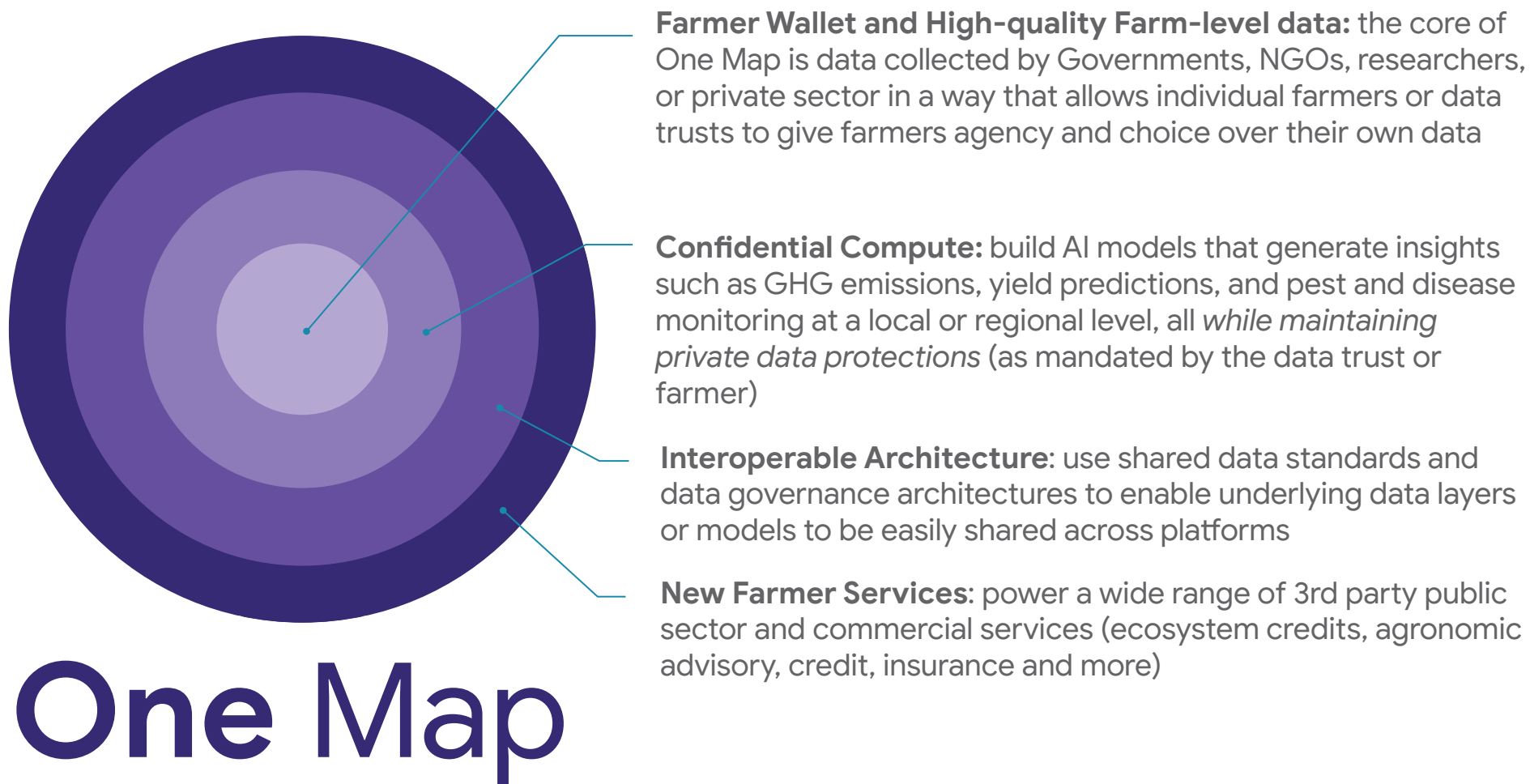
- New approaches to individual agency and dynamic informed consent can unlock the power of data to help drive these transformations.
- Responsible data, computational power, and creation of foundational data assets will provide potent new tools for food system transformation.

The impact

- Meaningful data-driven services can reach even the most vulnerable populations **while protecting individual data**.
- Dynamic, large-scale analytics can help predict food system shocks and help enable agile new collective actions.

How One Map Unlocks New Services for Farmers

During the summit we will showcase the power of creating an open data architecture and data standards for agriculture as well as the key elements to make this rapidly replicable across geographies, partner types, and services to farmers

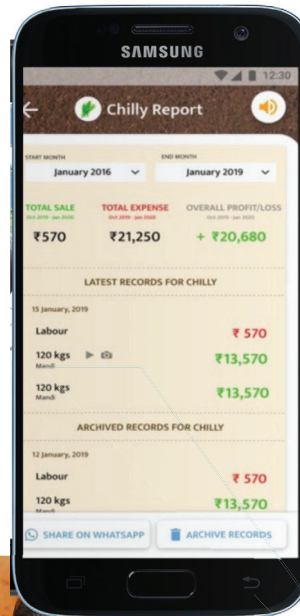


What's in it for **Farmers?**

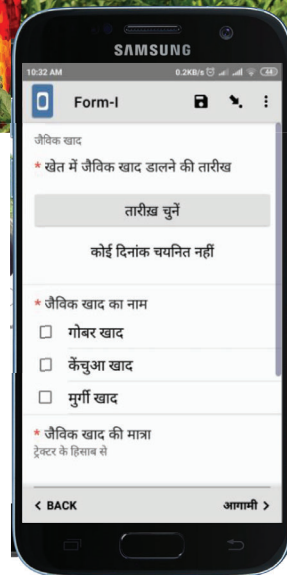


Data unlocks new opportunities for farmers

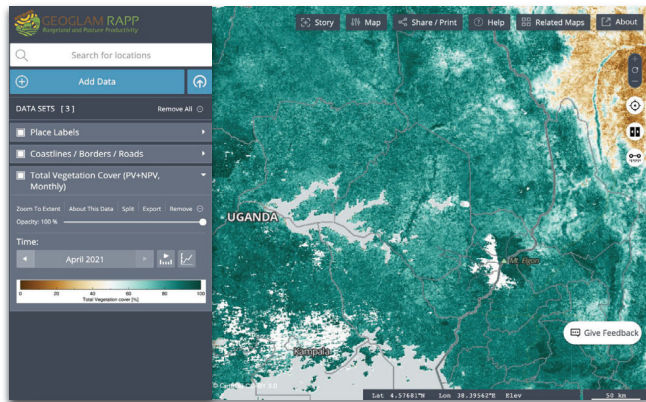
Farmers record
practice data



Government
extension agents
verify data

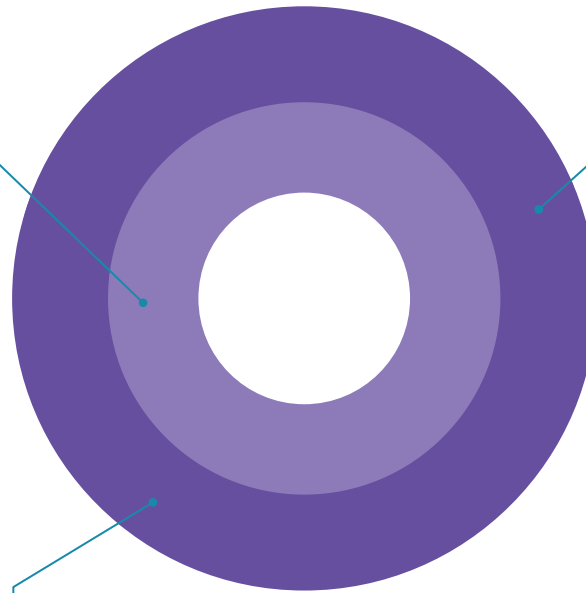


High Quality Ground Truth to Build Scalable Geospatial Models that Can be Shared Cross-Platform for Nature Positive Farmer Solutions



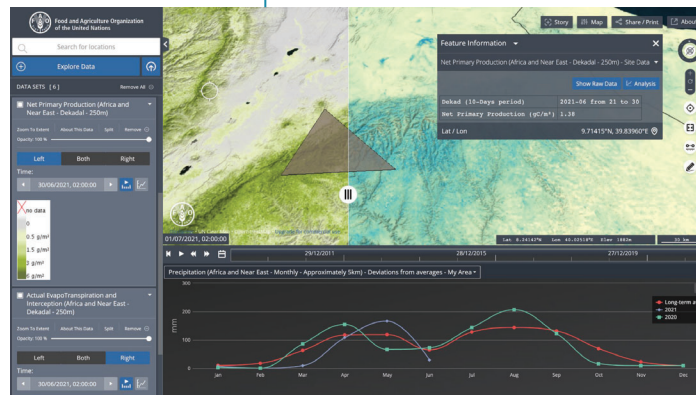
Tools for sharing data layers (e.g., vegetation cover and NDVI anomalies)

Source: GEOGLAM



Tools to model yield predictions for different crop types across countries (e.g. South Africa)

Source: Mineral (X)

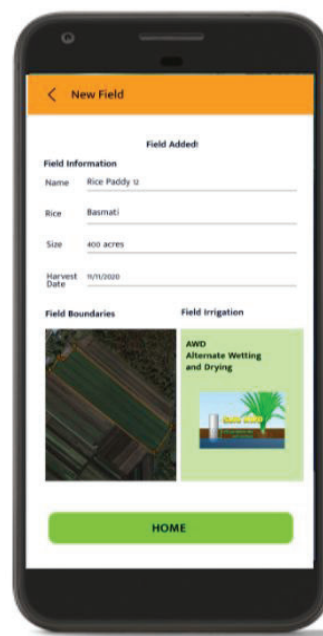
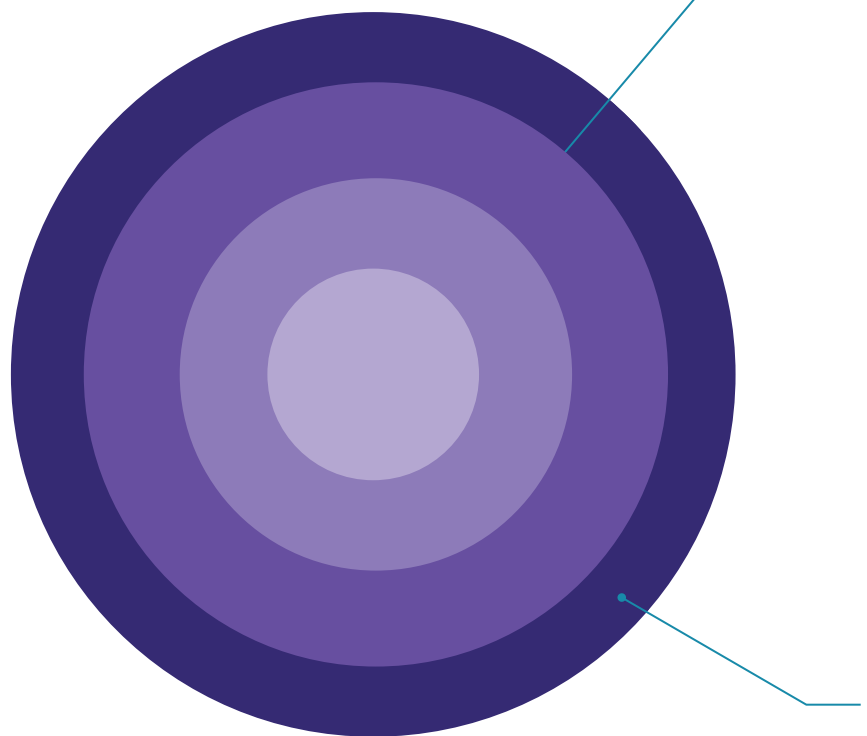


Tools for Analysis (e.g., Near Real-Time Net Primary Production vs Actual EvapoTranspiration and Interception vs Precipitation anomalies)

Source: FAO



Create New Services that Benefit Farmers



Tools that give agency to unlock premium buyers & ecosystem credits
SOURCE: Digital Green, Farmer Wallet

DigitalGreen

Tailored market information and agronomic advisory in Rwanda
Source: UN FAO

