



FarmStack

an open-source **protocol** to power the secure transfer of data across the agricultural sector

farmstack.digitalgreen.org

BILL & MELINDA
GATES foundation



Digital Green

Walmart  org



Ethiopian  ATA
Agricultural Transformation Agency
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Increasing farmer incomes & driving government efficiency



Through farmer-to-farmer extension videos,



we've reached
2.3 million farmers,
73% of whom are women,



in collaboration with
46,000 government
extension workers.



DATA



DATA



DATA

A woman wearing a vibrant orange and floral sari is kneeling in a lush green vegetable field. She is focused on harvesting leafy greens, possibly chard or spinach, using a small tool. The field is filled with rows of healthy plants, and the soil is dark and rich. The overall scene conveys a sense of traditional agriculture and food production.

FarmStack

an open-source **protocol** powering
the secure transfer of data



BUYERS

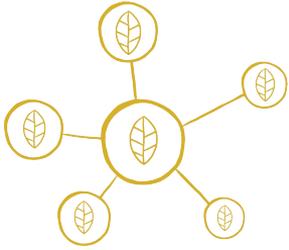
ADVISORY

**CREDIT &
INSURANCE**

**ECOSYSTEM
MARKETS**

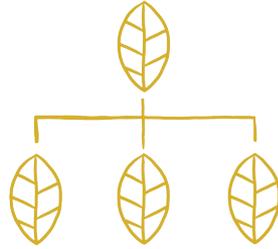
DATA

The Problem



system level

**Fragmented
services &
platforms**



organizational level

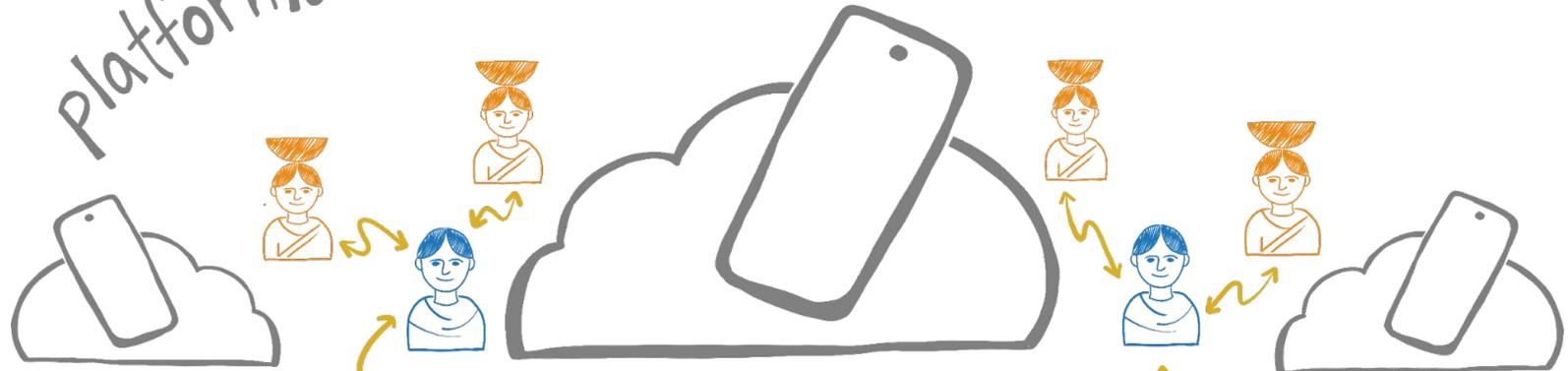
**Trust &
compliance
issues**



farmer level

**Lack of control
over their own
data**

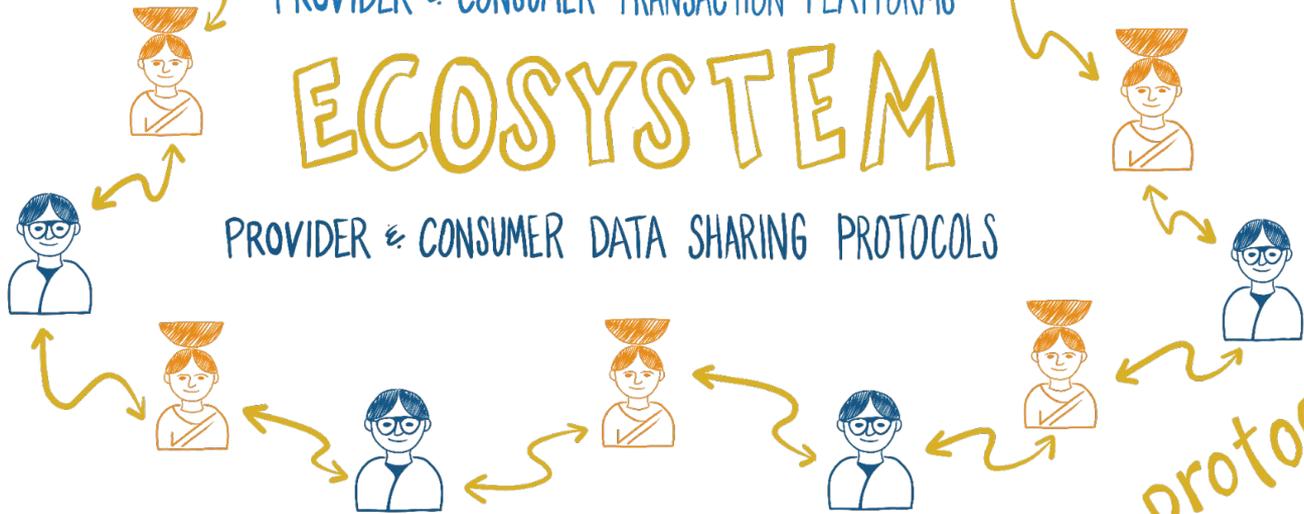
Platforms



PROVIDER & CONSUMER TRANSACTION PLATFORMS

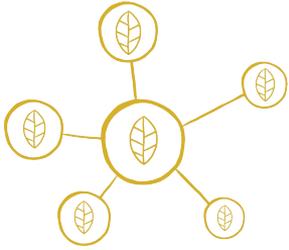
ECOSYSTEM

PROVIDER & CONSUMER DATA SHARING PROTOCOLS



protocols

FarmStack: A protocol, not a platform

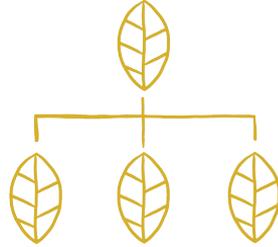


system level

Open-source



**Community
governance**



organizational level



Usage policies



**Peer-to-peer data
connectors**



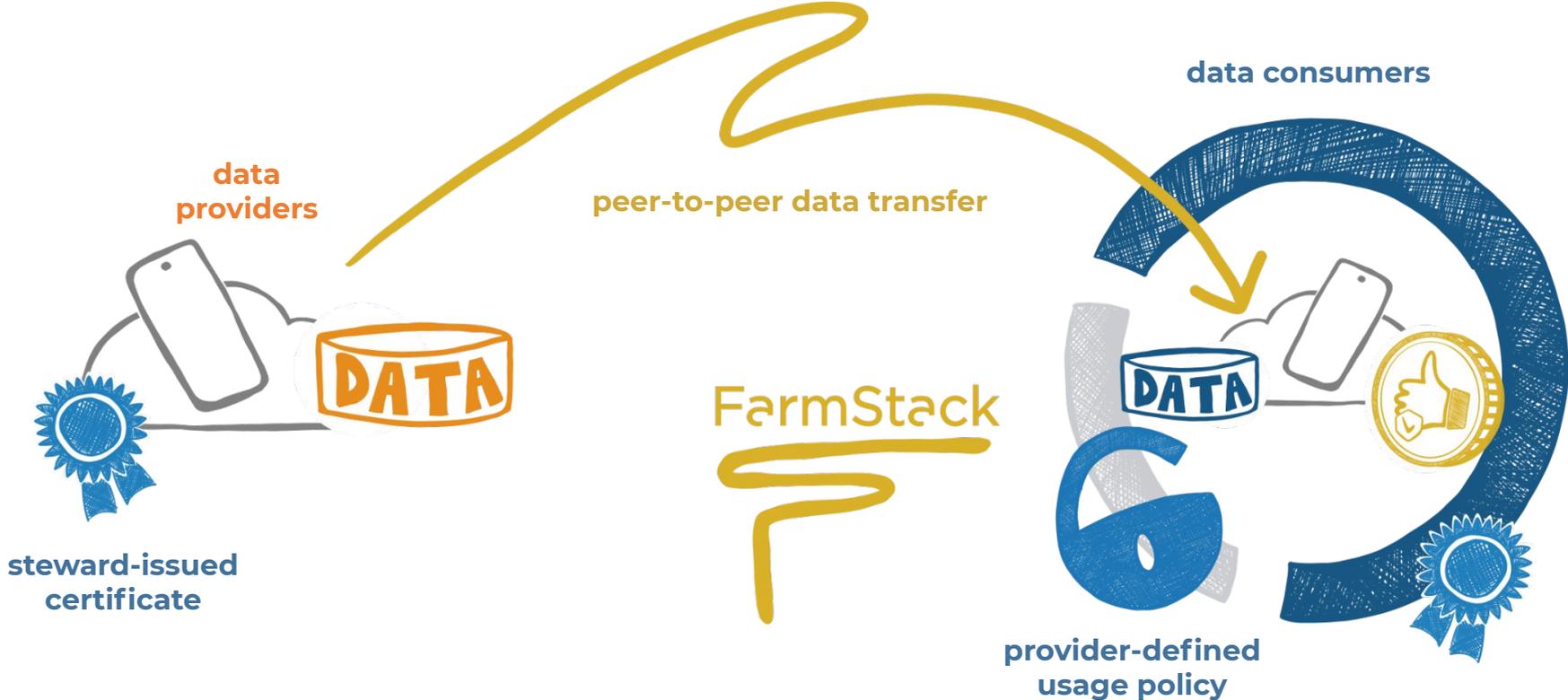
farmer level



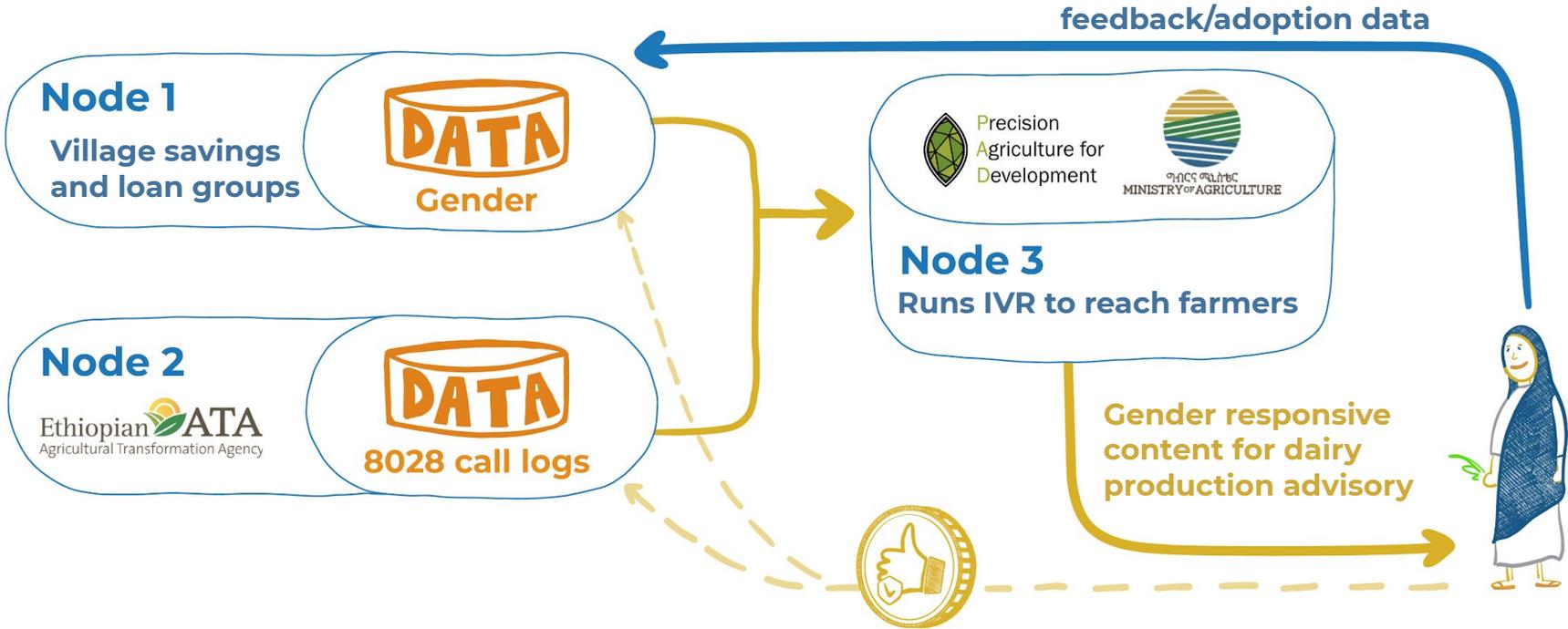
Consent manager

**Connector
discovery**

Making the *data exchange*



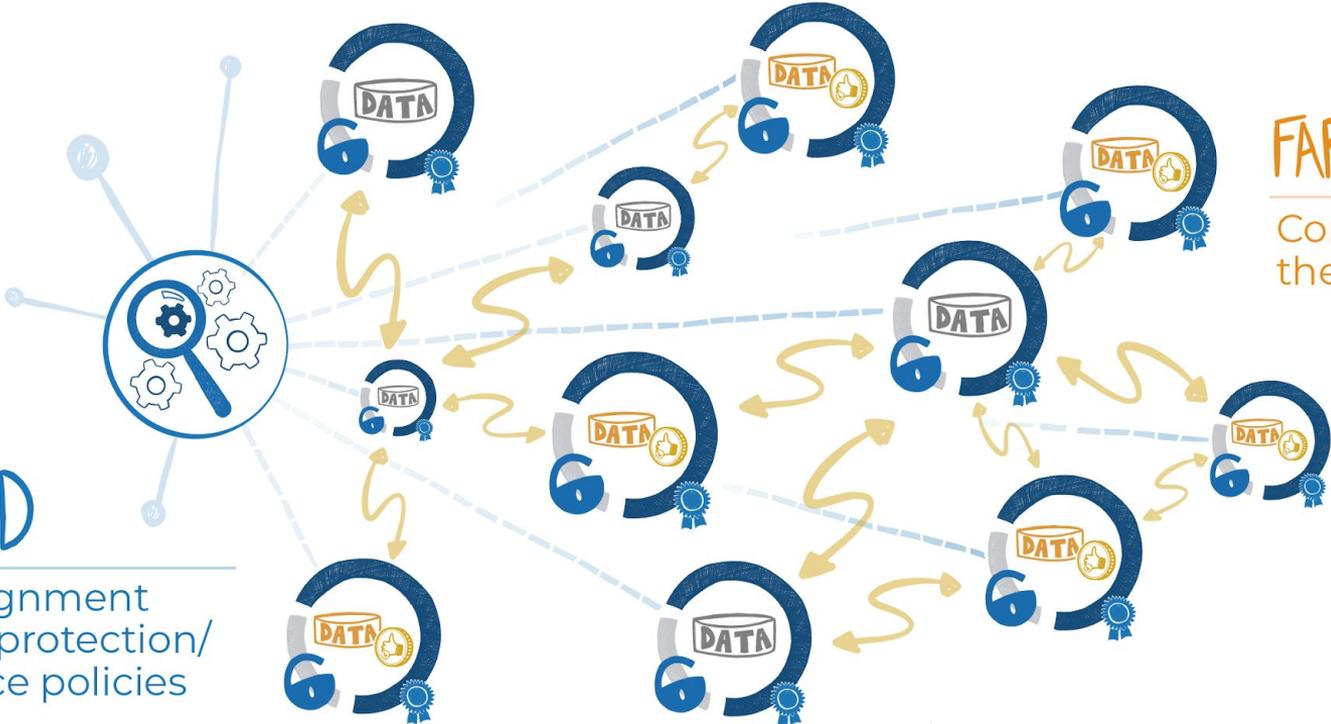
Use Case: Gender-specific dairy production advisory



Community *governance*

STEWARD

Ensure alignment with data protection/governance policies



FARMERS

Control how they share data

PARTICIPANTS

Securely exchange data directly on their own terms

Join FarmStack today!

farmstack.digitalgreen.org
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