



Enhancing Agricultural Subsidies through Digital Public Infrastructure and Interoperability

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May 2025

Agriculture & Subsidies in Sri Lanka

- Sri Lanka's fertilizer subsidy scheme launched in 2005 for paddy
- Fertilizer subsidy schemes provided fertilizer or cash grants according to changing government policy
- Manual payment of cash grant converted to bank based payments in 2016
- Inclusive Digital Agriculture Transformation initiatives and Government's Digital Sri Lanka strategy recognize innovative digital interventions to remove inefficiencies, annual losses through subsidy leakages, inefficient distribution and suboptimal distribution patterns of fertilizer sector
- OpenSPP platform provides solutions with open standards including OpenAPI for interoperability, ensure alignment with DPI principles, adheres to Digital Convergence Initiative and GovStack specifications



Embracing Digital Public Infrastructure

Sri Lanka is building a strong Digital Public Infrastructure – National "Digital Game Plan."

- **Works together:** Systems must connect easily
- **For everyone:** Services must be easy to access for all citizens
- **Team effort:** Success needs government working with the private sector, donors, and open-source partners
- **Safe & Secure:** Protecting citizen data and ensuring cybersecurity is vital.
- **Built to last:** We need scalable and sustainable digital solutions.



OpenSPP & Our Approach

OpenSPP is **hosted** by ACN (Association pour la Coopération Numérique), a **non-profit organization** dedicated to digital cooperation and the promotion of digital public goods.

The **team** has over **10 years** of experience building **registries and benefit distribution systems** in a wide range of contexts, supporting both governments and the humanitarian sector.

OpenSPP offers 60+ modules from beneficiary management, geolocation, cash transfer, and in-kind distribution to farming activity, etc.



SP-MIS



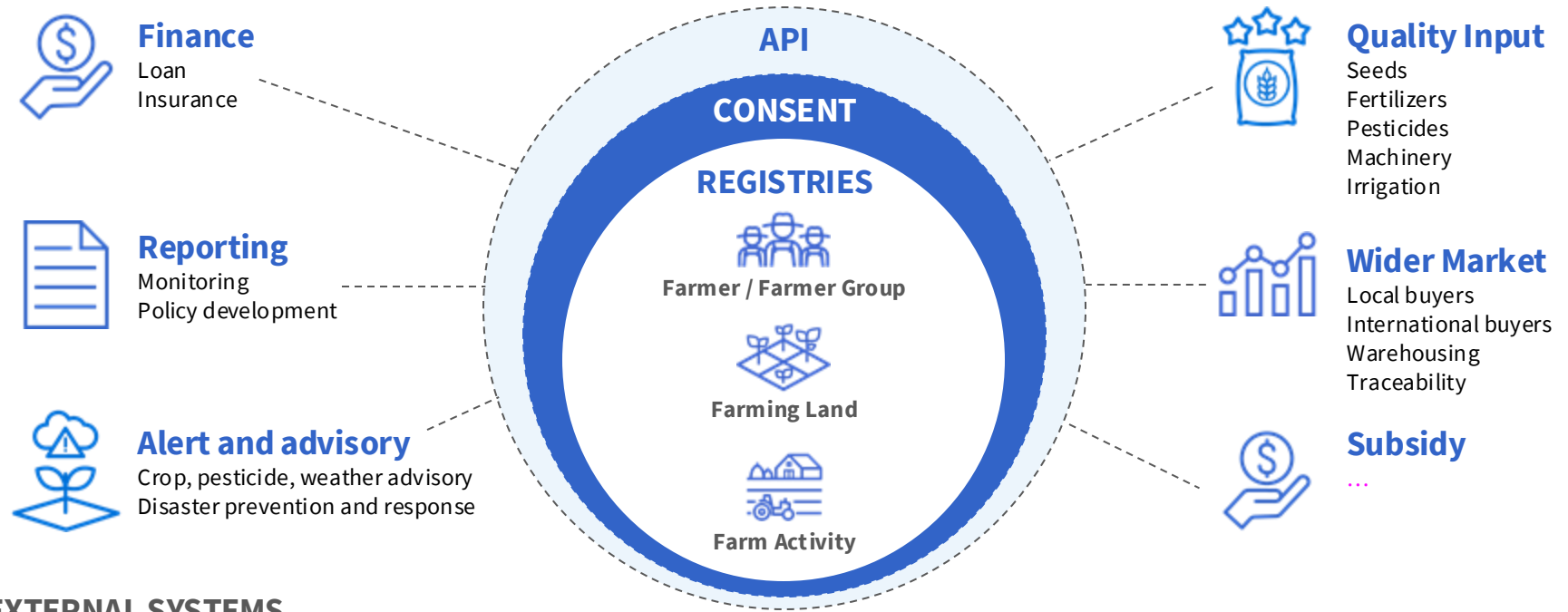
Social Registry



Farmer Registry



Enabling the Ecosystem



EXTERNAL SYSTEMS

National ID /
CRVS

Land
Administration
System

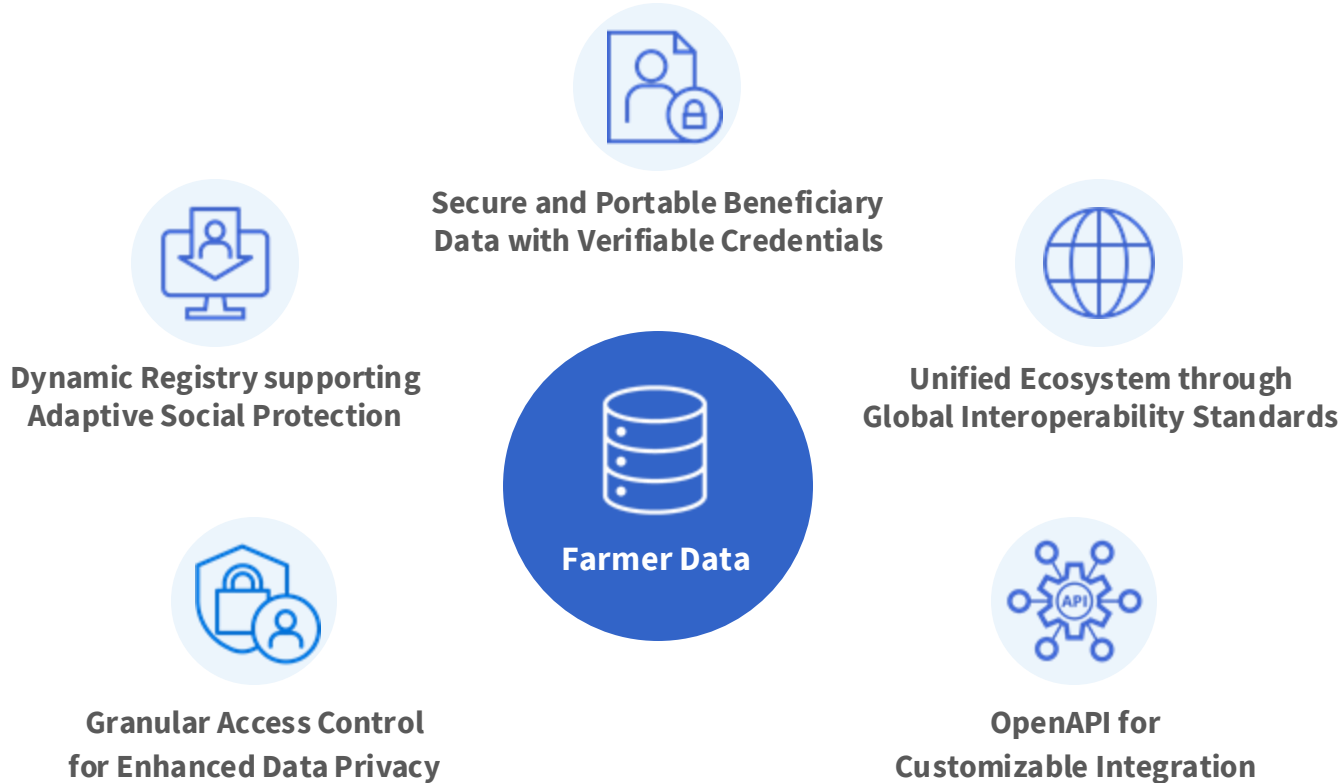
GIS Data /
Satellite

Climate
Data

Social Programs
/ SP-MIS

Agricultural
Services

Farmer-Centric Solution



Supporting Digital Agri Transformation



Efficient & Transparent Subsidies

- Interoperable systems
- Dynamic policy engine
- Data-driven insights for MOA



Strategic National Foundation

- Enables broader agricultural reforms
- Blueprint for other digital services
- Supports DPI Vision



Empowered Farmers & Sector

- Better service delivery to farmers
- Stronger overall agricultural sector
- Integration of private sector

Pilot Learnings and Insights



Targeted Problem-Solving:

Fertilizer Subsidy is key for livelihoods + food security = tangible impact.



Modular & Scalable Design:

Identify and build reusable blocks; Registries for transformation and integration with other systems.



Global Standards, Local Adaptation:

Identify and build reusable blocks; Registries for transformation and integration with other systems.



Integrated & Inclusive Systems:

Apply standards and best practices - contribute to national DPI effort

Q&A