

eProd: Digital Agriculture Supply Chain Platform

Structure, Trace, Scale & Connect with Solutions

eProd is a digital platform that helps governments organize farmer data, monitor production, ensure traceability, and improve service delivery across agricultural value chains. It works offline, supports SMS alerts, and interoperates with advisory and financial systems.



eProd Solutions Ltd
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Commodities

All Crops

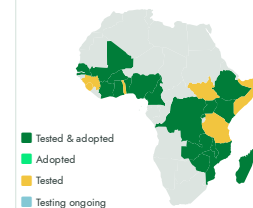
Sustainable Development Goals



Categories

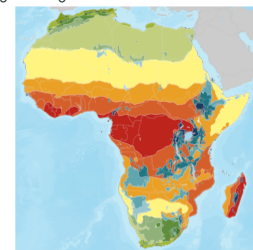
Production, Market, Digital applications, Supply chain management, Advisory and information service, + 2 more

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Breeders, Development institutions, Governments, Processors, Seed companies, Researcher center, + 3 more

This technology is **pre-validated**.

9-7



Scaling readiness: idea maturity 9/9; level of use 7/9

Gender assessment

3

Climate impact

2

Problem

- **Unstructured farmer networks** make coordination and service delivery difficult.
- **Inefficient value chains** reduce productivity and farmer income.
- **Limited market and export access** due to lack of traceability and compliance systems.
- **Poor access to finance** for farmers without reliable data.
- **Low digital adoption** caused by weak infrastructure, high costs, and low skills.
- **Lack of real-time data** hinders planning, climate response, and policy impact.

Solution

- **Farmer Registration:** Register, map, and track farmers nationwide.
- **Value Chain Digitization:** Streamline contracts, production, and payments.
- **Market Access:** Enable traceability and QR codes for exports.
- **Export Compliance:** Meet EUDR and other export data requirements.
- **Finance Access:** Build digital profiles to support farmer loans and subsidies.
- **Rural Connectivity:** Works offline and on basic phones.
- **Central Coordination:** One platform for all actors and programs.
- **Real-Time Alerts:** Monitor pests and crops for fast action.
- **Custom Integration:** Connect with other government or donor systems as needed.

Key points to design your project

Governments looking to modernize agriculture can integrate eProd, a digital supply chain management system designed to support farmer profiling, production tracking, traceability, and international compliance. eProd enables efficient coordination of agricultural projects, improves market access for smallholders, and supports food security goals.

Integration involves eight key steps:

1. **Initial engagement** with eProd to define project needs;
2. **Licensing** based on farmer numbers, starting at 1,254 USD/year for 1,000 farmers;
3. **Infrastructure setup** with Android devices and internet access;
4. **Data preparation** for system customization;
5. **Training and capacity building** for government staff;
6. **Pilot testing** in a selected region;
7. **Full-scale deployment** across project areas; and
8. **Ongoing support and evaluation** to ensure impact and sustainability.

eProd is scalable, multilingual, and works offline—making it suitable for rural environments and large public programs.

1,250—5,020 USD

Annual subscription depending on project size



No formal IP rights



eProd

<https://e-catalogs.taatafrica.org/gov/technologies/eprod-digital-agriculture-supply-chain-platform>

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