eProd: Digital Agriculture Supply Chain Platform

Structure, Trace, Scale & Connect with Solutions

eProd is an interoperable supply chain management system that helps agribusinesses manage farmers, production, payments, and traceability. It works offline, interoperates with other tools and services, and supports communication with farmers. eProd improves efficiency, reduces losses, and helps meet international market standards.

eProd Solutions Ltd
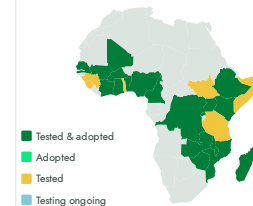Almut van Casteren

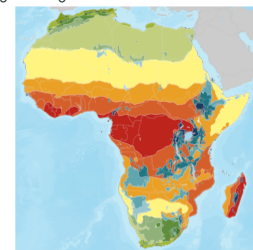**Commodities**

All Crops

Sustainable Development Goals

1 NO POVERTY | 2 ZERO HUNGER | 4 QUALITY EDUCATION

8 DECENT WORK AND ECONOMIC GROWTH | 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE | 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

+ 3 more

This technology is **pre-validated**.

9·7

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

1,250—5,020 USD

Annual subscription depending on project size

💡 **IP**
No formal IP rights

Problem

- **Disorganized Supply Chains** — Hard to coordinate remote farmers; middlemen disrupt pricing and supply.
- **Low Traceability** — Blocks access to export markets requiring compliance and certification.
- **Market Inefficiencies** — Unstable prices, poor planning, and payment delays.
- **Data Gaps** — Limited farmer data hinders service delivery and growth.
- **Farmer Financial Exclusion** — Affects input use and consistent supply.
- **Digital Barriers** — Poor connectivity, low skills, and high system costs.
- **Policy and Security Risks** — Weak support and data concerns slow tech adoption.

Solution

- **Farmer Management**: Profile, map, and coordinate farmers directly.
- **Smart Sourcing**: Enable contracts, digital payments, and reduce middlemen.
- **Market Compliance**: Ensure traceability and meet export standards like EUDR.
- **Efficient Operations**: Plan, forecast, and manage inventory with data.
- **Finance Integration**: Support farmer loans, repayments, and input access.
- **Rural-Ready Tech**: Works offline with simple mobile tools.
- **Scalable & Secure**: Affordable, modular, and GDPR-compliant.

Categories

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

Tested/adopted in

- Tested & adopted
- Adopted
- Tested
- Testing ongoing

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

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Key points to design your business plan

eProd helps agribusinesses digitize and manage farmer networks, contracts, production, and payments, improving efficiency and traceability. The system supports compliance with buyer and export standards, including EU regulations.

How to integrate eProd:

1. **Contact eProd** to outline your business needs.
2. **Choose a license** based on farmer numbers:
   Basic: 1,254 USD/year for up to 1,000 farmers
   Standard: 3,135 USD/year for up to 5,000 farmers
   Standard Plus: 5,016 USD/year for up to 10,000 farmers
   Additional farmers: 0.23 USD per farmer annually
3. **Set up devices** (Android phones) and basic internet.
4. **Prepare your data** for upload.
5. **Train your staff** with eProd support.
6. **Pilot the system** in one area, then roll out fully.
7. **Monitor performance** and use ongoing support.

eProd is a scalable, cost-effective solution to structure your supply chain and grow your business sustainably.