

FIVE PILLARS AgriAI
Your Export-Readiness Engine

Enterprise-grade compliance. Smallholder-friendly pricing. *Because your harvest deserves a passport.*

 THE PROBLEM: THE "READINESS GAP"

Global trade has fundamentally shifted.

International buyers in the EU, North America, and China no longer just purchase a product — **they audit your entire operational ecosystem.**

Regulation	Deadline	Impact
EU EU Deforestation Regulation (EUDR)	Dec 2026 – Jun 2027	No documented traceability = no market access
US US FSMA Section 204	Imminent enforcement	Undocumented exporters systematically excluded
CN GACC Compliance	Ongoing	Non-compliant shipments rejected at port

Documented exporters with verifiable systems thrive. Undocumented exporters are locked out.

 THE SOLUTION

To bridge this critical "readiness gap," we built **Five Pillars AgriAI** — an enterprise-grade, multi-tenant platform designed to transform agricultural cooperatives, agribusinesses, and SME exporters into **highly reliable, compliant, and globally competitive trade partners.**

Built on the definitive **Five-Pillar Framework for Export Readiness**, our platform provides the digital infrastructure to ensure your shipments clear customs smoothly, **every single time.**

THE WEB COMMAND CENTER

For Export Managers & Global Marketing & Sales Teams

The Five Pillars AgriAI Web Platform acts as your **central nervous system** for export operations.

Specialized Agri-CRM

- **Pipeline-style Kanban boards** — track every deal from initial LOI → Contacted → Negotiation → FCO → Signed SPA
- **Document vault** — LOI, FCO, SCO, SPA, NCDA, and Commission Agreements linked per lead
- **12 internal lead statuses** mapped to 5 pipeline columns with color-coded progress
- **No-Progress alerts** — 72-hour inactivity flags catch stalled deals before they go cold
- **One-click lead conversion** — transform incoming buyer messages into tracked pipeline leads instantly
- Detail analytics of your sale performance

Automated Compliance Dashboards

- Generate the exact **Due Diligence Statements (DDS)** and **polygon-mapping traceability reports** required by EUDR, GACC, and FDA authorities — **with a single click**
- Per-market compliance checklists with item-level tracking (EU · USA · China)
- Export certificate management with expiry alerts and status tracking

Multilingual Collaboration

- **AI-powered auto-translation across 15 languages** — break down language barriers between local farm managers and international buyers
- Per-phase threaded notes stored in both canonical English and the author's native language
- Seamless communication without losing nuance or audit integrity

Commission & Analytics

- **Multi-currency sale commission** allocation across global sales teams (USD, EUR, GBP, JPY)
- Real-time validation: sum of allocations must equal total — no disputes, no errors
- **Analytics dashboards** — sales performance, lead distribution, commission trends, top performer rankings
- Monthly/yearly toggles with Chart visualizations

Reports & Decisions

- Unified submission workflow — requests, approvals, budget allocation
- Kanban board + threaded notes with AI translation
- Multi-level approval routing (Manager → Senior Manager)

User & Organization Management

- Role-based access control across departments
- HR Manager tools for cross-department staff management
- Contract Farming organization & staff management
- Full org isolation — your data is never visible to other organizations

THE ANDROID FIELD APP

For Agronomists & Field Agents

Export compliance starts in the soil. Our Android app puts enterprise-grade traceability tools directly into the hands of your field staff and smallholder aggregators.

GPS Polygon Mapping

Walk the perimeter of your farms to capture the **precise geolocation data mandated by the EU**, proving **zero deforestation post-2020**. Every plot boundary is recorded as a GPS polygon linked to your traceability records.

Agri-AI Vision Assistant

Snap a photo of a diseased leaf or pest. Our integrated **Vision-AI instantly analyzes the image** and provides **localized treatment recommendations** to protect your **MRL (Maximum Residue Limit) compliance**.

Cold Chain & Quality Logging

Record **temperature, humidity, and quality test results** directly at the packhouse and loading dock to prove **cold-chain integrity** to buyers. Every data point is timestamped, GPS-tagged, and audit-ready.

Voice-to-Text Multilingual Notes

Field agents can **dictate notes in their local language**; the app automatically translates and syncs them to **canonical English** for your audit-ready compliance records. No typing. No language barriers. No lost information.

THE FIVE PILLARS OF EXPORT SUCCESS

Five Pillars AgriAI doesn't just store data — it **actively guides your operation** through the five pillars demanded by modern importers:

#	Pillar	What It Delivers
1	 Production Planning & Volume Consistency	Forecast yields, manage forward-booking agreements, and align harvest calendars with buyer procurement schedules to guarantee shelf availability .
2	 Quality Management & Compliance	Digitize pesticide applications, track MRLs, and manage phytosanitary certifications to avoid catastrophic border rejections .
3	 Traceability & Due Diligence	Link every harvested lot back to a specific GPS-mapped plot, ensuring 100% audit readiness for EUDR and FSMA 204.
4	 Logistics & Documentation	Manage cold chain logs, shipping documents, and phytosanitary certificates in one secure, easily accessible vault .
5	 Digital Communication &	Transition from reactive problem-solving to

#	Pillar	What It Delivers
	Export Readiness	proactive buyer collaboration , sharing transparent, real-time data that builds trust and secures long-term contracts.

Smart Farming — Full 5-Pillar Integration

- **Farm → Block → Plot hierarchy** with GPS polygon mapping (Leaflet)
- **5-Pillar Detail Panel** per plot — production, quality, traceability, logistics, export readiness + dedicated Pest & Disease tab
- **5-Phase Pipeline** per plot:
 - Pre-Planting (Land Prep → Soil Test → Seed Selection → Resource Planning)
 - Bio Dev & Input Application (Seed Treatment, Fertilizer, Pest Control, Growth Tracking)
 - Harvest (Readiness → Harvesting → Yield Measurement)
 - Post-Harvest (Cleaning → Grading → Packaging → Storage)
 - Market Distribution (Domestic or Export path)
- **Disease Risk Map** — interactive map with 50km radius, color-coded AI + manual markers
- **Crop & Crop Category management** — 10 categories, 12+ seeded crops (rice, wheat, maize, soybean, coffee, cocoa, cassava, cotton, and more)

AI-POWERED INTELLIGENCE

Feature	Capability
AI Recommendations	5 types: Weather  · Disease  · Risk  · Pipeline  · Insight  — with 1-hour smart caching
Vision AI	Snap a photo → instant localized treatment recommendations using Ollama vision AI models
AI Translation	15 languages — notes, fields, and interface labels auto-translated
Ask AI Advice	Agricultural Q&A scoped to the full value chain (land prep → cultivation → processing → logistics → export)
Disease Risk Mapping	Seeded crop-disease database with deterministic AI markers per crop type
Automated DDS Generation	One-click EUDR-compliant Due Diligence Statements with polygon-mapping traceability

BUILT FOR GLOBAL TRADE

15 Languages Supported

العربية · Deutsch · English · Español · Français · हिन्दी · Bahasa Indonesia · Italiano · 日本語
· 한국어 · Polski · Português · Türkçe · Tiếng Việt · 中文

Multi-Market Compliance

- EU **EU** — EUDR Due Diligence Statements, GPS polygon traceability, deforestation verification
- US **USA** — FSMA Section 204 documentation, FDA compliance
- CN **China** — GACC compliance checklists, export certificates

Multi-Brand Ecosystem

One platform, many brands:

- **Five Pillars AgriAI** (primary) · **Adalidda** · **Deko Group**
- **Your own brand and platform**

ENTERPRISE-GRADE TECHNOLOGY

Layer	Technology
Frontend	Next.js 16, React 19, TypeScript, Tailwind CSS v4, Framer Motion
Mobile	Expo / React Native (Android Field App)
Database	MongoDB
Cache	Redis dual-instance (master + replica)
Auth	NextAuth v5, WebAuthn passkeys, JWT
AI/LLM	Ollama multi AI models (text + vision)
Maps	Leaflet with GPS polygon mapping
Analytics	Chart.js dashboards
Email	Resend (transactional)
i18n	15 languages with AI auto-translation

WHO IS THIS FOR?

Audience	Value
Agricultural Cooperatives	Digitize member farms, prove compliance, access premium EU/US/CN markets
Agribusinesses & SME Exporters	End-to-end export pipeline management from lead to shipment
Export Managers & Sales Teams	CRM, commission tracking, document management in one place
Agronomists & Field Agents	AI-powered crop advice, disease mapping, GPS traceability in the field
Compliance Officers	EUDR, FSMA, GACC checklists with GPS-verified traceability
Smallholder Farmers	Enterprise-grade tools at smallholder-friendly pricing

ENTERPRISE-GRADE COMPLIANCE. SMALLHOLDER-FRIENDLY PRICING.

We believe that world-class traceability, compliance, and export intelligence **should not be reserved for multinational agribusinesses**. Smallholder farmers, producer cooperatives, and emerging exporters deserve access to the same digital infrastructure that helps global suppliers win international contracts and reduce commercial risk.

That is why Five Pillars AgriAI has been designed with a pricing model that **removes financial barriers** while supporting sustainable growth.

FIVE PILLARS AgriAI LAUNCH OFFER

 6 Months Free	Zero Upfront Risk. Begin your export-readiness journey at no cost. Map your farms, onboard producer groups and cooperatives, digitize your compliance records, train your team, and prepare for your first internationally compliant shipments. No credit card required.
 Affordable Growth	After the free period, continue for just USD \$10 per user per month — making enterprise-grade compliance accessible even for growing agribusinesses.
 Save with Annual Billing	Choose the annual plan for only USD \$100 per user per year — the equivalent of two months free compared with monthly billing.
 Cooperative Team Discount	Organizations enrolling 10 or more users automatically receive a 10% team discount , making it even easier to digitize entire cooperatives and export teams.
 Impact Sponsor Program	Farmers, producer organizations, and agricultural cooperatives that demonstrate strong compliance, active platform engagement, and a proven agricultural track record may become eligible for the Impact & Adoption Sponsor Program — through which participating sponsors can cover all or part of their annual subscription fees. This initiative accelerates digital adoption while reducing the cost of compliance for high-performing agricultural communities.

PARTNERSHIP & SPONSORSHIP OPPORTUNITIES

Tier	Slots	Benefits
 Exclusive Sponsors	3 max	Full-width banners, rotating hero, LinkedIn posts, "Powered By" QR watermarking
 Gold Sponsors	5 max	Premium app carousel, web footer logo, partner directory, social media spotlight
 Silver Sponsors	10 max	Logo in sponsor grid, web directory listing, event branding
 Impact & Adoption Sponsors	Open	"Adopt-a-Cooperative" model, subsidized subscriptions, ESG impact dashboard

Enterprise Deployment for Mid-Size Agribusinesses & Agricultural Cooperatives

For organizations seeking a dedicated, enterprise-grade solution, we offer a comprehensive deployment package that includes:

- Private deployment of Five Pillars AgriAI on your own dedicated Ubuntu server with GPU acceleration for AI workloads
- Worldwide onsite implementation and training covering both the Five Pillars Framework and the Five Pillars AgriAI platform
- One year of online coaching, mentoring, and technical support
- One year of software updates with access to all new releases and feature enhancements
- Annual maintenance and support plans available after the first year

Deploy your own secure AI-powered agricultural management platform while maintaining full ownership and control of your data.

Five Pillars AgriAI isn't just a platform. It's the digital infrastructure that helps agricultural organizations achieve compliance, build buyer confidence, and compete successfully in global markets.

 EARLY ACCESS — LAUNCHING OCTOBER 2026

Join the wait list today at <https://adalidda.com/en/fivepillars>

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 ***From Buyer Acquisition to System Readiness.***

One Platform. Five Pillars. Zero Compliance Gaps.

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Built on the operational framework: "From Buyer Acquisition to System Readiness: A Five-Pillar Framework for African and Asian Agricultural Exporters in 2026–2027" by Kosona Chriv.