

HashiFlo: Intelligent AI Liquidity for Japanese Agri-RWAs

By Sapient Predictive Analytics Pte Ltd

HashiFlo evolves the Fund 14 HashiRWA prototype into a focused Agri-RWA pipeline for Japan, turning premium agricultural products into AI-valued, investor-ready assets.

What's New In Fund 15

- AI valuation v2 with certification-aware pricing and confidence scoring.
- Upgraded producer onboarding with structured tokenization preview.
- Investor dashboard v2 with descriptive yield filters and on-chain indicators.
- Cleaner, Japan-first agricultural asset workflow.

Adoption Targets (Fund 15)

- 500–1,000 testnet transactions across registration, valuation, oracle checks, token previews, and settlement simulations.
- 150+ unique wallet interactions during open beta.
- 20–30 agricultural assets processed end-to-end via AI valuation → listing → simulated settlement.

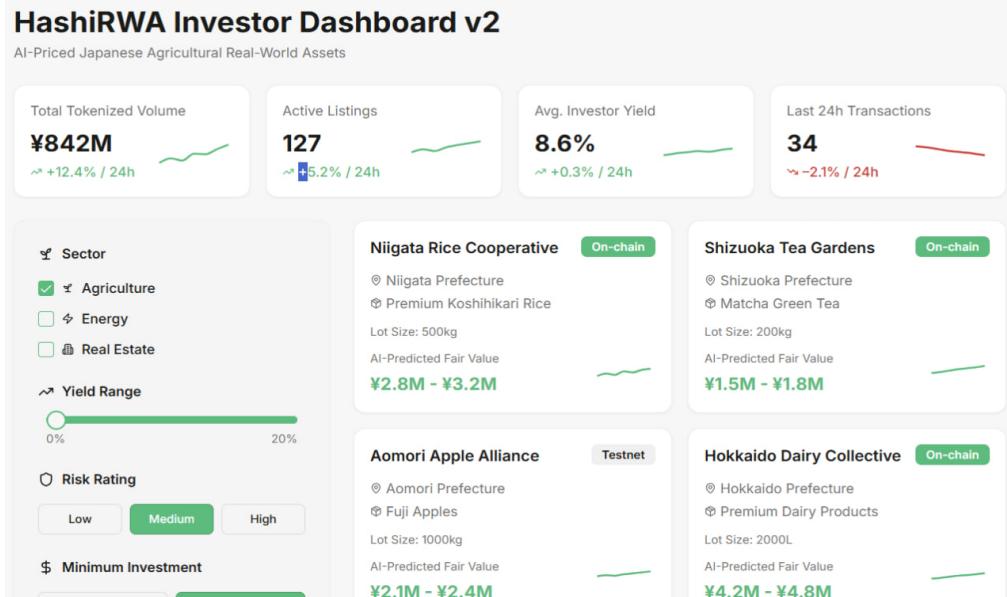
Prototype Screens: Producer → Marketplace

1. Producer Onboarding & AI Valuation

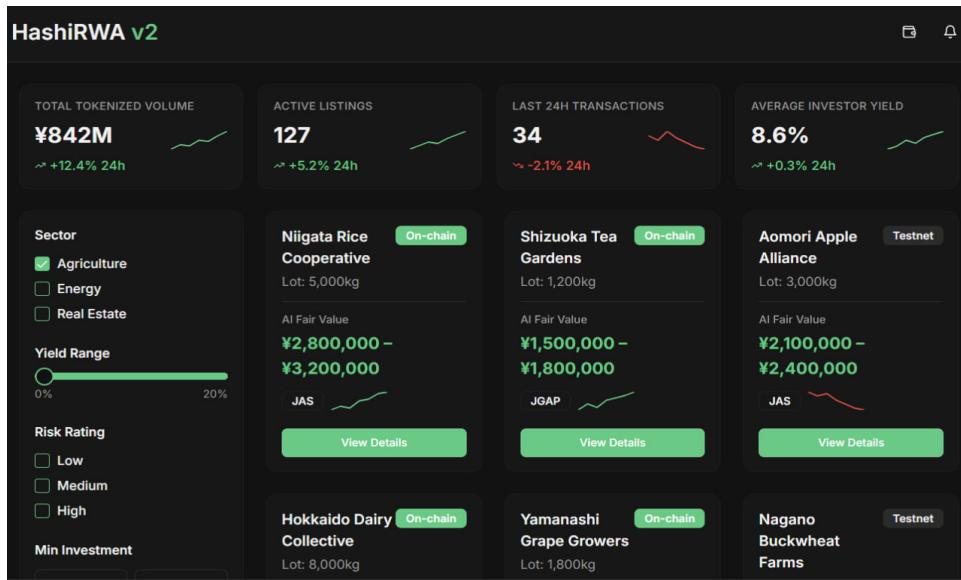
HashiRWA Producer Onboarding v2 – AI Valuation & Tokenization

Producer Details Producer Name Enter name Prefecture Select prefecture Product Name e.g., Premium Rice Certification e.g., Organic JAS Lot Size (kg) e.g., 5000 Harvest Date dd/mm/yyyy	AI Valuation Inputs Historical Price Range (JPY/kg) Min Max Quality Grade Select grade Market Channel Domestic Export Preview Predicted Fair Value Range ¥425,000 – ¥485,000 Confidence 87% Market Trend 	Tokenization Settings Token Name e.g., Niigata Rice 2025 Token Ticker e.g., NRW25 Total Tokens e.g., 10000 Target Price per Token (JPY/ADA) e.g., 500 Generate Tokenization Preview
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2. Marketplace Listing View (Light Theme)



3. Investor Dashboard (Dark Theme)



Project Spirit & Voter Pitch

HashiRWA #2

農業からWeb3へ

A bridge from Japanese agriculture to Web3 –
powered by AI valuation and transparent asset

How It Works

- ① Producer Onboarding**

Agricultural producers submit lot details, insurance, certification, grade, historical price range, and harvest data. Our onboarding interface standardizes metadata to ensure consistency across Japanese agriculture.
- ② AI Valuation & Verification**

The system instantly generates fair-value ranges, confidence scores, and market trend lines.
- ③ Tokenization Preview & Marketplace Listing**

Producers generate token name, supply, and implied price. Approved assets appear on the investor dashboard with predicted valuations, filters, and on-chain/testnet status.

(On-chain integration shown through testnet transaction simulation.)

Why Vote For HashiFlo In Fund 15

HashiFlo focuses on real agricultural RWAs in Japan, delivering AI-driven valuation, bilingual issuer workflows, and transparent investor dashboards. The scope is tightly targeted at measurable traction and practical adoption. Supporting HashiFlo helps Cardano gain a credible foothold in Asia's regulated RWA sector.

Tech Stack

Python + Flask backend

JSON-based local persistence (simulation)

Minimal CSS (light + dark UI)

Access

GitHub Repo (code + documentation):

<https://github.com/Sapient-Predictive-Analytics/hashirwa>

Disclaimer

This prototype demonstrates workflow, valuation logic, and UI flows. Full smart contract deployment and on-chain settlement modules will be implemented in subsequent development phases.

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