

# 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

## 2. Marketplace Listing View (Light Theme)

HashiRWA Investor Dashboard v2

AI-Priced Japanese Agricultural Real-World Assets

Total Tokenized Volume

¥842M

+12.4% / 24h

Active Listings

127

+5.2% / 24h

Avg. Investor Yield

8.6%

+0.3% / 24h

Last 24h Transactions

34

-2.1% / 24h

Sector

Agriculture

Energy

Real Estate

Yield Range

0%20%

Risk Rating

LowMediumHigh

Minimum Investment

Niigata Rice Cooperative

On-chain

Niigata Prefecture

Premium Koshihikari Rice

Lot Size: 500kg

AI-Predicted Fair Value

¥2.8M – ¥3.2M

Shizuoka Tea Gardens

On-chain

Shizuoka Prefecture

Matcha Green Tea

Lot Size: 200kg

AI-Predicted Fair Value

¥1.5M – ¥1.8M

Aomori Apple Alliance

Testnet

Aomori Prefecture

Fuji Apples

Lot Size: 1000kg

AI-Predicted Fair Value

¥2.1M – ¥2.4M

Hokkaido Dairy Collective

On-chain

Hokkaido Prefecture

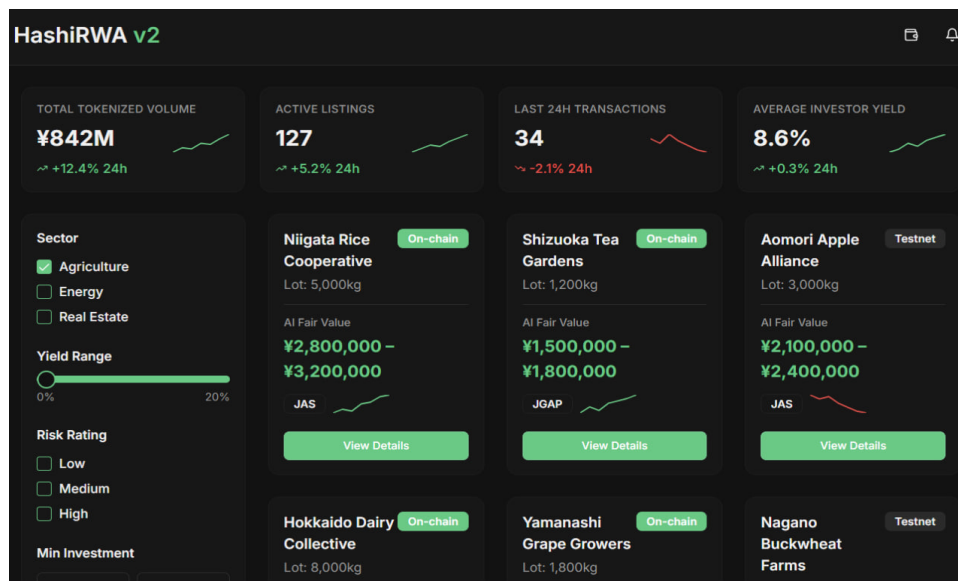
Premium Dairy Products

Lot Size: 2000L

AI-Predicted Fair Value

¥4.2M – ¥4.8M

### 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, insure, 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.

© 2025 HashiFlo