



FutureSense Company Profile

To Let the 'Future' technology make 'Sense'

Vision



Customer

"It would be great to have accurate information on the causes or processes behind food-related incidents."
"I want to eat safe food."



Food Manufacturer

"If small businesses like ours lack both budget and manpower, how can we handle both food regulations and environmental regulations at the same time?"



Global Regulation

The U.S. will implement food traceability regulations starting in 2026.
The EU has begun enforcing supply chain due diligence laws in 2023.
"The goal of both is to enhance transparency within supply chains."

Food Industry Digital Transformation **Enabler**
Food ESG + Food Safety = **Food4Chain**

Environment

Food ESG Certification Solutions

Social

Food Safety Certification Solutions

Governance

Global food safety standards



FutureSense is **Transforming the Food Industry.**

FutureSense leverages innovative technology and extensive experience to pioneer the future of the food industry through digital transformation, **creating a safe and reliable food ecosystem.**

We provide **Food4Chain, a cloud-based platform** that offers one-stop management of various food industry processes, and **WAWO, an all-in-one blockchain management API service** - all powered by blockchain, artificial intelligence, and big data technologies.

CEO



Hello, I'm Dami An, CEO of FutureSense.



Since our founding in 2020, FutureSense has focused on commercializing blockchain-based digital transformation services and expanding use cases. Moving forward, we are committed to exploring the future of the food industry through blockchain, artificial intelligence, and big data technologies. We aim to lead in driving transformation while continually demonstrating the value of blockchain.

Thank you.

FutureSense Inc.
Chief Executive Officer

Dami An



**CEO Dami An / Graduated from Peking University,
Department of Sociology, China**

Director of International Trade Expert Group Cooperative(ICTC)

(Former) Korea Director at ConsenSys

(Former) Founding Members of Krust Universe, Singapore Subsidiary of KAKAO Corporation

(Former) Faculty of Blockchain at Konkuk University Graduate School of information and Communication (2021-2022)

(Former) Chinese Blockchain VC, The Blockchainer : Head of Beijing Office

(Former) Head of B2B Sales, Royal Way Consulting, a Chinese investment consulting firm

(Author) Blockchain Generation (2022, Maekyung Publishing)



Member

EunYoung Lee *R&D Lead*

KISA Blockchain Intensive Project PM
NIPA Food Traceability PoC PM
(Former) Developer and Project Manager
at Samsung Electronics' Computer
Development Team
(Former) Worked at Language and
Computers
(Academic career) Master's degree in
electronic calculation at Ewha Womans
University

HyunSeung KIM *Tech Director*

Cryptography, Blockchain, System, ID
Security Professional
(Former)R&D Director of Teruten Co.
(Former) CEO Of KTVision Inc.
(Former) Technical Sales & PM of Domestic
& Foreign finance, communication, public
domain IT security projects
(Academic career) Master's degree in
Information Security, Chonnam National
University
Bachelor's Degree in Physics and Industrial
Management, KAIST

NamKyung Lee *Development Lead*

Future Sense Development Team Leader,
Full Stack Developer
Construction of the National Police Agency's
Smart Security Big Data Platform and Center
Development of an NFT Marketplace
SK Planet Syrup NFT API Project
KISA Blockchain Intensive Business
Technology Lead
NIPA Food History Tracking PoC
Technology Lead

LaHyun Jeong *Product Owner*

Food4Chain Product Owner
WAWO Product Owner
Planning and building NFT Marketplaces
(Former) Worked in the KOTRA
Investment Strategy Team
(Former) Worked in the Overseas Export
Team of the Busan Economic Promotion
Agency
(Academic career) Bachelor of Science in
Chinese and International Trade

10 Project Contracts Secured

4 Technology Implementations

2 Platform Conversions

2019

ConsenSys Expands into the Korean Market

2020

Key former ConsenSys leaders (Korea Head, CTO) establish FutureSense.

Winner of the K-ICT Convergence Business Award (Korea ICT Convergence Association) and selected as an outstanding startup by K-Startup.

Secured a bid for the Big Data Platform and Center Construction Project (NIA) (FutureSense blockchain traceability & DID/VC technology implementation).

Won a contract for POC with global blockchain Tezos and Korea's Innovative Blockchain Project.

Secured the National Police Agency Smart Security Big Data Platform and Center Construction Project.

2021

Secured the SW Engineering Project from the National IT Industry Promotion Agency (NIPA)

(Leading the domestic standardization of software engineering for blockchain and DID technology development)

Won the DID-focused project from the Korea Internet & Security Agency (KISA)

(Developing a system to certify the hygienic and safe production of kimchi)

2022

Establishment of Corporate R&D Center

Awarded the ESG Carbon Zero Project

(In partnership with the Korea Greenhouse Gas Reduction Association and the Korea Food Waste Collection and Transportation Association)

Secured Blockchain Technology Verification PoC R&D Project from the National IT Industry Promotion Agency (NIPA)

(FutureSense to establish a kimchi production traceability management system and NFT certification system based on Tech API)

Awarded SK Planet API Project

2023

Commencing the full-scale development and commercialization of Food4Chain, a digital transformation platform for the food industry

2024

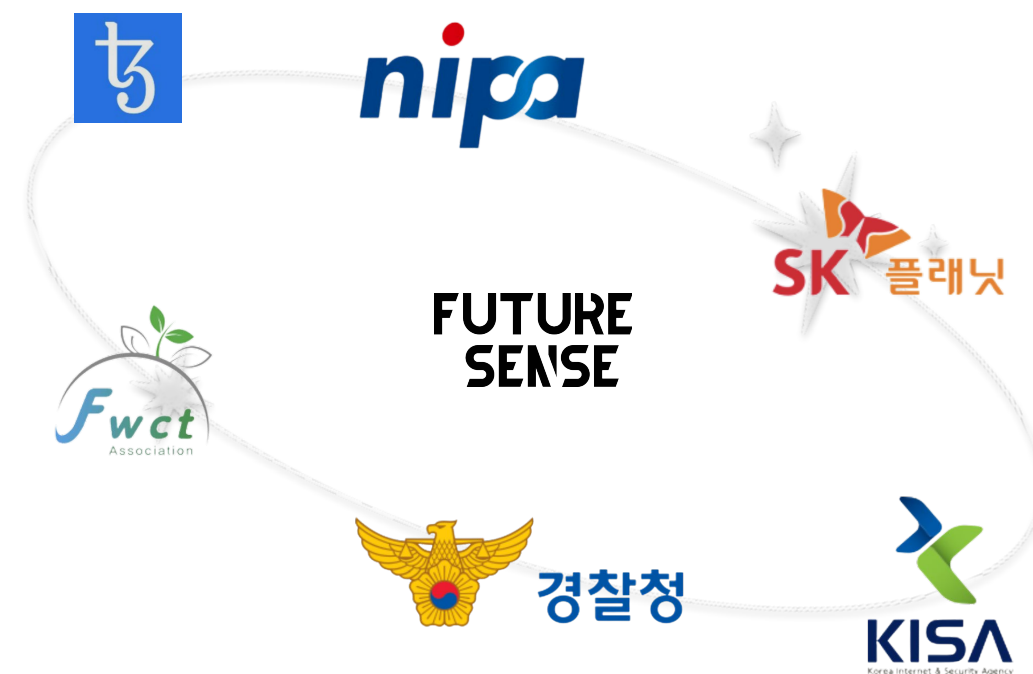
Incheon Food Manufacturing Association and CJ Cheiljedang sign an MOU to address global regulatory requirements.

Awarded 1st place in the early-stage startup pitch at the US-Korea Conference on Science, Technology, and Entrepreneurship (UKC) in San Francisco, USA.

Signed 8 MOUs at the Dubai Gitex Conference and Exhibition.

Co-hosted a conference with the Cambodian Ministry of Agriculture, Forestry, and Fisheries (MAFF) to expand Korea-Cambodia cooperation in food safety and exchange.

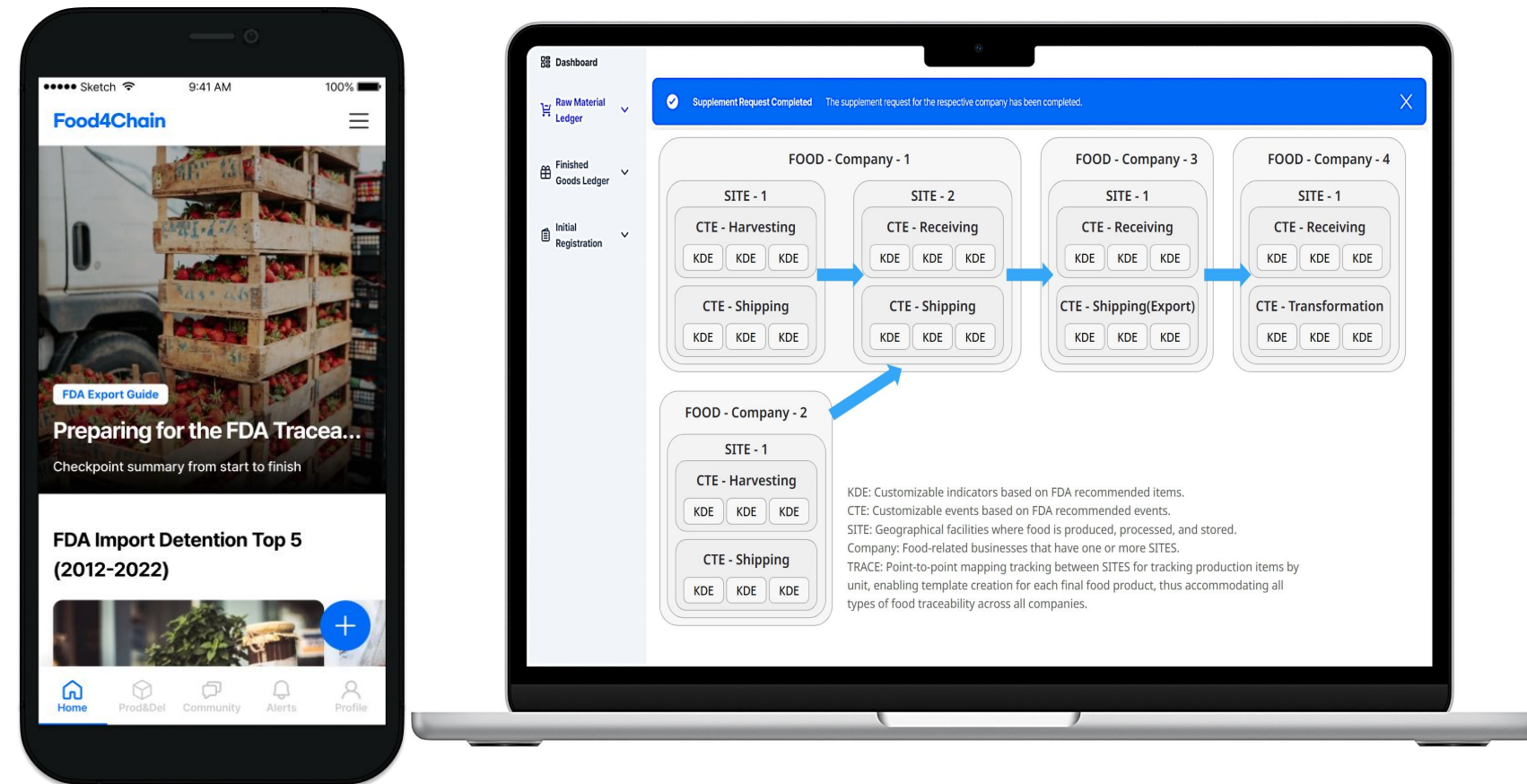
Participated in 2025 project planning with agricultural and food-related organizations to lead digital standards in the food industry.



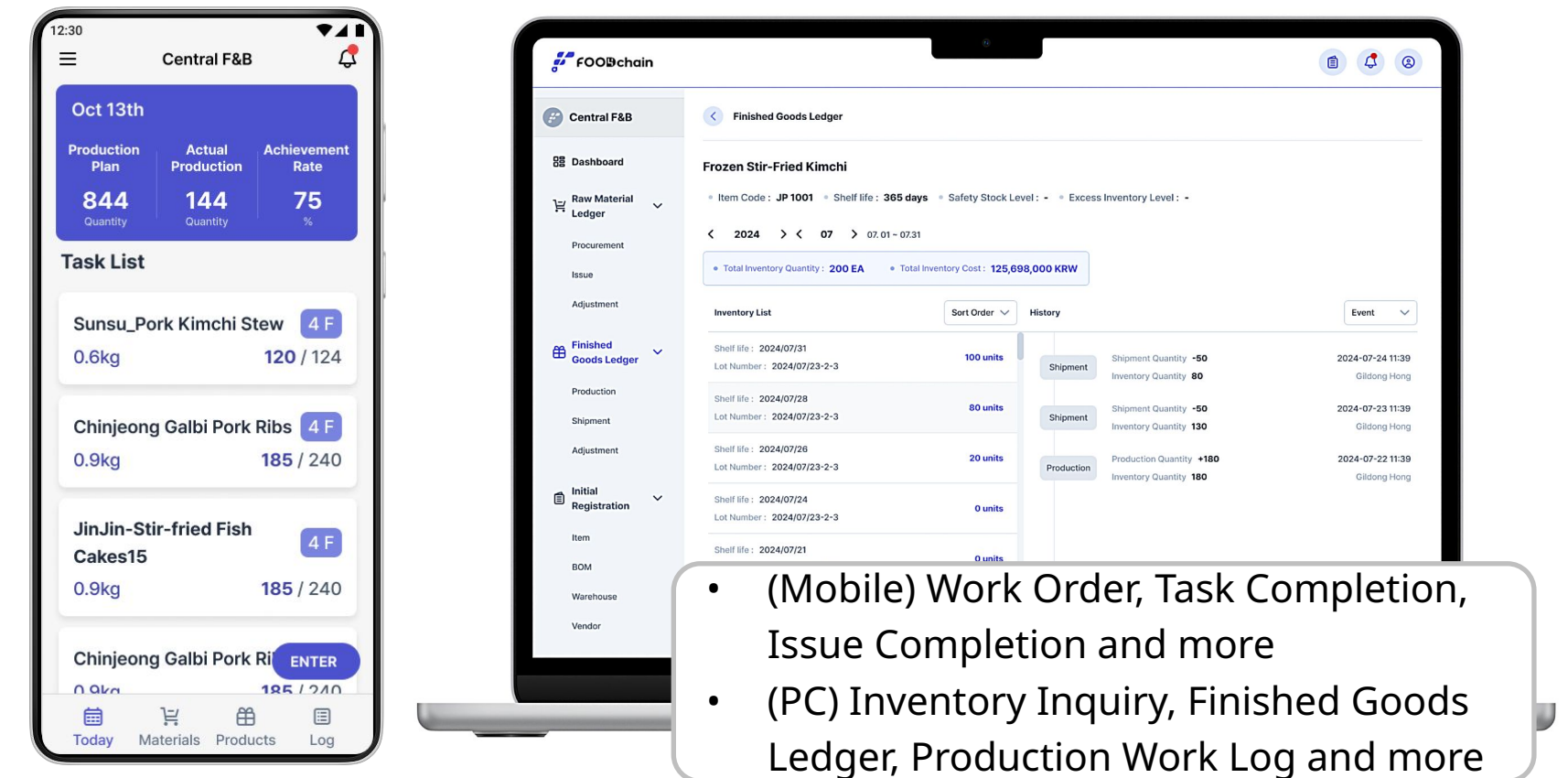
Food4Chain Core Functions

For food manufacturers, we provide food traceability services, inventory and loss rate management. Food4Chain offers 'Traceability Management Services' as a solution to respond to increasingly stringent global food regulations, and 'Inventory/Loss Rate Management Service' for efficient production management.

Traceability Management Service



Inventory / Loss Rate Management Service



- (Mobile) Work Order, Task Completion, Issue Completion and more
- (PC) Inventory Inquiry, Finished Goods Ledger, Production Work Log and more

Expected Outcomes

Enhanced Compliance with FDA, EU Food Traceability Requirements

FDA, EU Food Traceability Regulations
 FDA and EU regulations demand transparent and reliable traceability information across all stages, including harvesting, distribution, processing, transportation, and export.

Efficient Inventory and Production Management

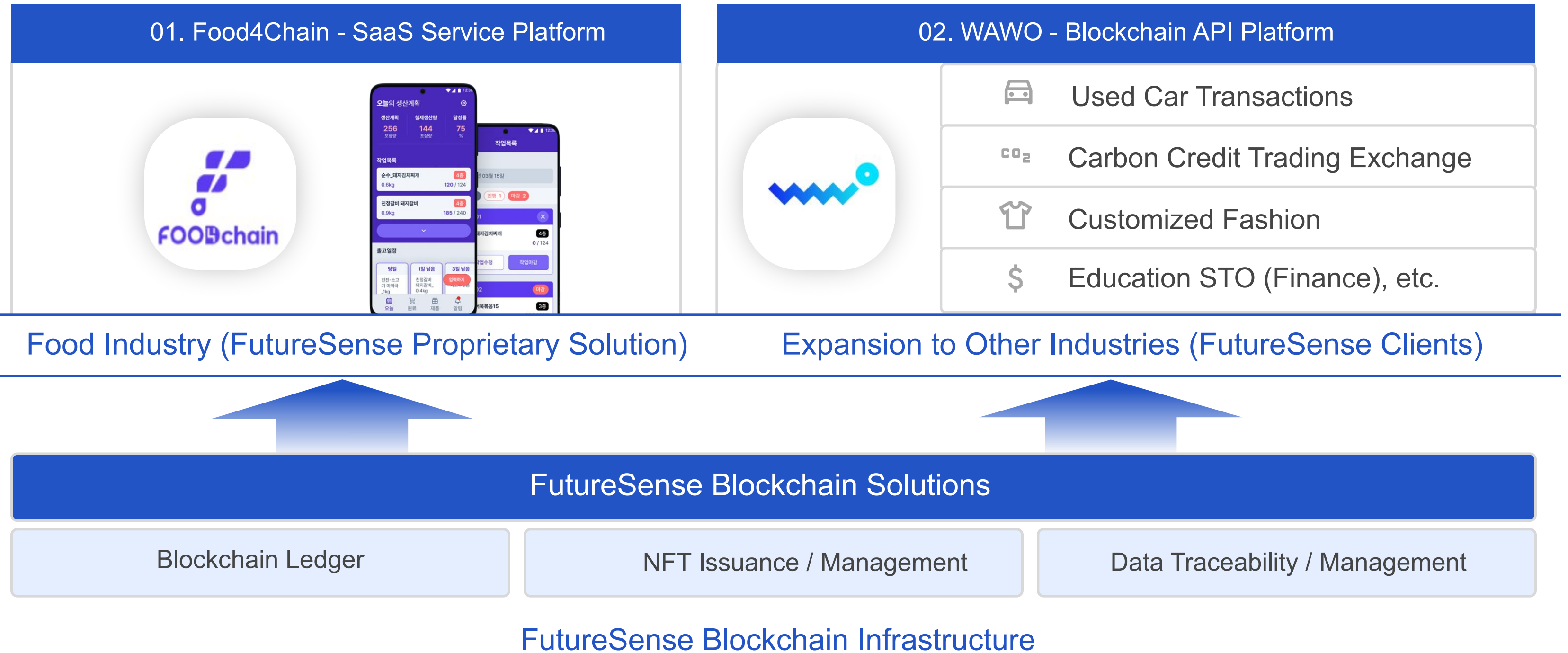
Increased Production Output
 Enhanced production through solution implementation
Optimized Inventory and Lower Loss Rates
 Integration of physical inventory, assets, and data results in improved inventory rates and reduced losses

Reduction in Food Waste and ESG Management

Reduction in Food Waste
 Decreasing food and ingredient waste leads to increased satisfaction for food manufacturers and producers.

Business Area

- Blockchain-Based Proprietary Service Platform for the Food Industry: “Food4Chain” Platform Business
- Expansion of Proprietary Blockchain Infrastructure as a Solution into Other Industries: “Blockchain” Platform Business



Business Performance (B2G)

Market leadership in the food industry through active participation in planning and strategic collaboration with government agencies, facilitating solution deployment and engagement in standardization efforts

Korea Agriculture Technology Promotion Agency

- Selected for the 2023 Global Acceleration Program
- Exhibited at Korea's Largest Agri-food Tech Expo (July 2023)
- Global Investment Collaboration with France's White Castle Partners VC (October 2023)

Food Industry Promotional Agency of Korea

- ICT Convergence-based Digital Innovation System for the Food Industry to Lead Food Tech Technology - Participated in Blockchain-based Food Traceability ISP Planning
- Participation in U.S. FDA Food Traceability KDE Standardization Planning

Korea Rural Economic Institute, KREI

- Participated in Advisory for Blockchain-based Traceability and Supply Management Project for Green Onions and Garlic (2024)

B2G2B
Solution
Dissemination

Ministry of Food and Drug Safety

- Invited to the 2024 Food Safety Conference
- Presentation on U.S. FDA Food Traceability Initiatives
- Food4Chain Presentation and Discussion on Collaboration Opportunities

World Institute of Kimchi

- Executed a collaborative two-year R&D project(2021 - 2022), focusing on kimchi traceability management.
- Contact and Introduction with Major Kimchi and Fermented Food Companies, Including CJ CheilJedang, Pulmuone, and Daesang Holdings

Local Government Technopark

- Jeonbuk Technopark, Gyeongnam Technopark etc.
- Local government technoparks are currently promoting projects focused on task discovery and utilizing data from the regional food industry for AI and smart factory initiatives.

Business Performance

Incheon Food Manufacturers Association MOU (with CJ)



In Incheon, there are a total of 2,000 food manufacturing companies, with 300 of them currently registered as members of the association.

Korean FDA Conference, July 2024



The K-FDA is actively adopting cutting-edge technologies such as blockchain and AI, along with U.S. standard data.

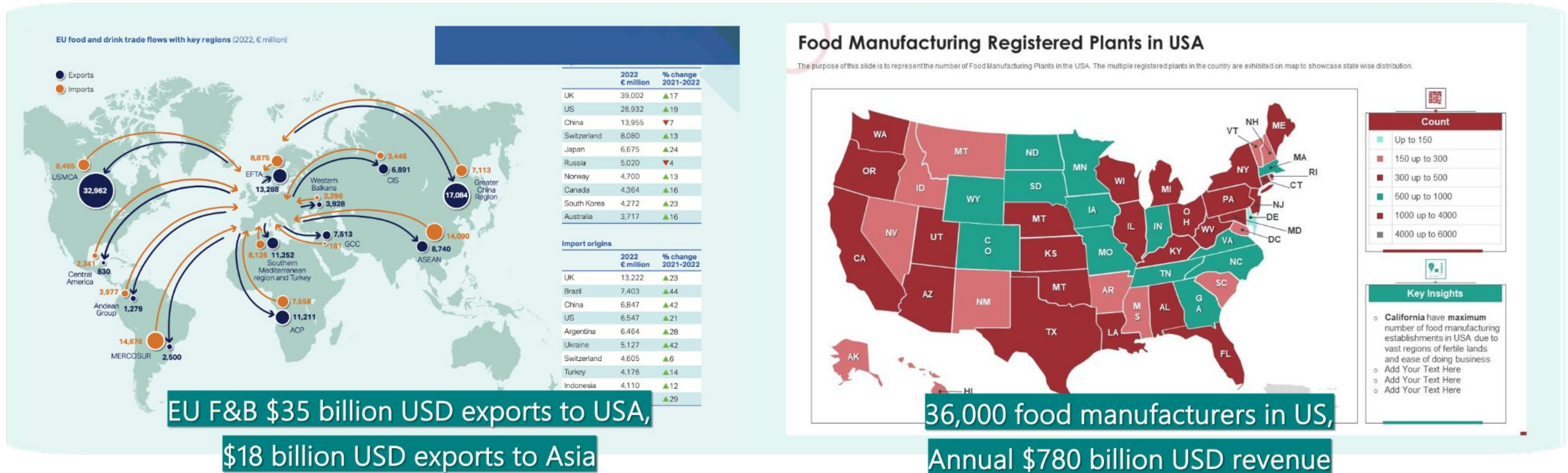
UN FAO recognition



The UN FAO recommended FutureSense Solution as an "Innovative Agricultural Technology Youth Entrepreneur"

Business Performance

- Connecting European/American and Asian/African food supply chains
- EU General Food Law
- U.S. FDA Food Traceability Rule (Effective January 2026)



Solving Compliance Issues and Reducing Costs for Efficiency
Digitally Connecting Food Supply Chains with the U.S. and Europe

Business Performance

- High-Value K-Food Market: 60% of the growing population consuming K-Food are Asians.
- To ensure efficient compliance, we onboard UAE users (food suppliers and importers) to adhere to UAE GCC standards.



**UAE F&B Industry
\$44 Billion USD**

GTM Strategy: K-Food / K-Mart suppliers

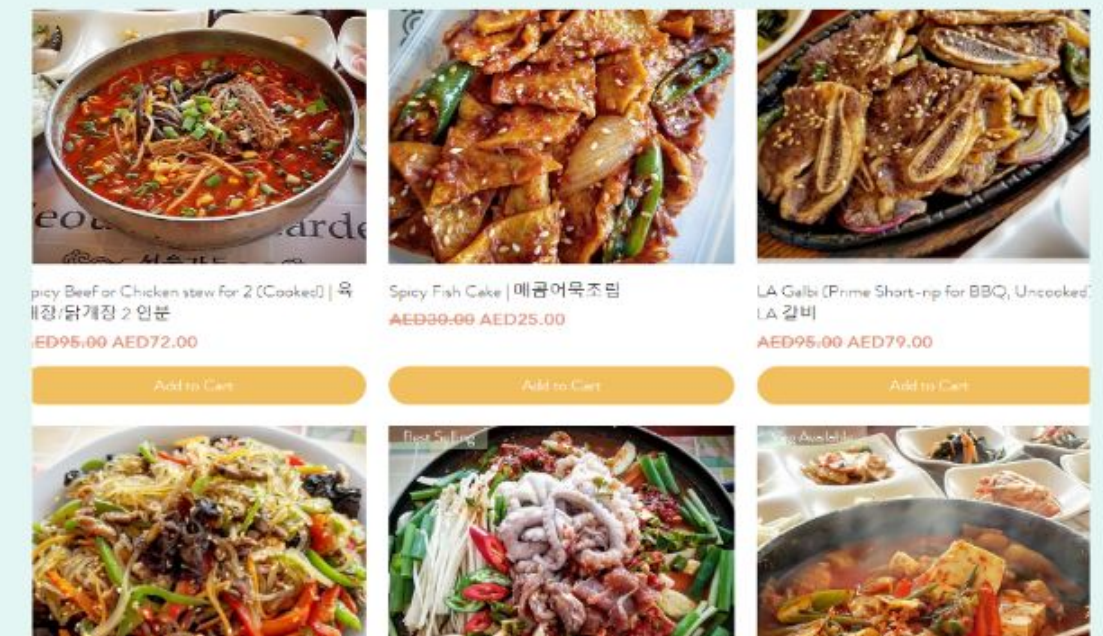


هيئة أبوظبي للزراعة والسلامة الغذائية
ABU DHABI AGRICULTURE AND FOOD SAFETY AUTHORITY

Regulation No. (3) / 2008

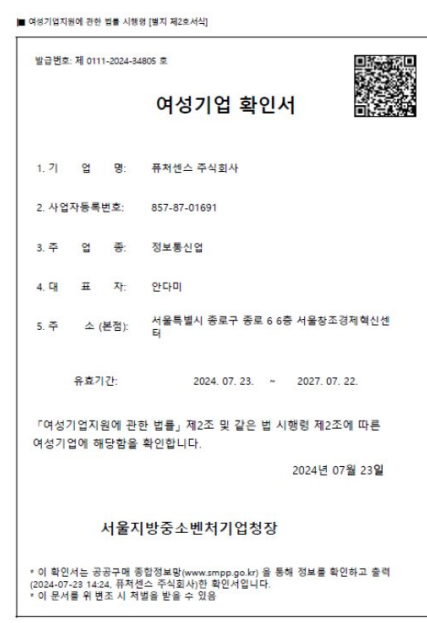
FOOD TRACEABILITY AND RECALL

**UAE Food
Traceability and
Recall Regulation**



Certificate

Certification and Corporate Research Institute



Technical Certification



For blockchain and service technical robustness and security certification: Achieved two certifications (Dec. 2021, Nov. 2022).

Passed 'TTA Testing and Certification' twice in compliance with ISO/IEC standards by the International Organization for Standardization.

The TTA (Telecommunication Technology Association) is Korea's only ICT standardization organization, also known as the Korea Information and Communication Technology Association.

Intellectual Property (IP) and Patents

Patent 1 Blockchain-based Food Traceability and Carbon Reduction System and Method for the Food Industry

"Patent No. 10-2023-0089725 / Method for Ensuring Integrity and Reliability by Registering Data for Calculating Carbon Emission Reductions in the Food Industry on Blockchain."

Patent 2 Method and System for Verifying Operation Information of Mobility Devices Based on Blockchain

"Patent No. 10-2024-0067646 / Method for Ensuring Integrity and Reliability of Operation Information Registered on Blockchain, Such as the Shortest Path and Travel Time, for Mobility Devices like Cars, Bicycles, and Pedestrians, to Be Used for Incentives and Other Applications."

Patent 3 Blockchain-based Medical Information Management System and Method (Registered) (2024-07-29 14:24, FutureSense Venture Co., Ltd. confirmed)

Patent Registration Number: 10-2300085 Registration Date: September 2, 2021

Patent 4 Generative AI-based Loss Rate Management Method and System

Filing Date: September 2024

Patent 5 (Expected Filing) Expiration Date-based Inventory Trading Method and System for Food Manufacturers and Restaurants

Expected Filing Date: October 2024

Intellectual Property 3 Blockchain-based Data Identification and Distribution Tracking System Using Decentralized Identifiers (DID)

Software Intellectual Property Registration Number: C-2021-019566 / A system that registers data with a blockchain-based decentralized identifier (DID) to track distribution paths when identifying and distributing data.

FUTURE SENSE

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