



Project Introduction 2025

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# I

# Project Overview

## 1. About Our Project

# Geo-DePIN Project

Building a Reward Ecosystem Powered by  
Geospatial Information

Geospatial  
Information



Decentralized Physical  
Infrastructure Networks



Token  
Rewards

## 2. Background

# Background

Challenges in the Geospatial Information Supply Environment

### Limitations of Provider-Centric Models

Reduced accessibility to diverse information and constraints on developing a varied data ecosystem

### Lack of Data Recency

Real-time data updates require significant resources, making it difficult to maintain accuracy

### Limited data access due to centralization

Diverse users face limitations in accessing and effectively using the data they need

### Lack of Rewards and Incentives for User Participation

Insufficient compensation for data contributors makes it difficult to secure quality data

### 3. Mission & Vision

# Mission and Vision

TINA SPACE: Implementation of a Web 3.0 Geospatial Ecosystem

## User Participation and Distributed Collaboration System

Building a distributed system with a cyclical structure that enables easy access and utilization for all participants

## Provision of High-Quality Geospatial Information

Expanding the use of geospatial technologies across industries such as IoT, AI, Big Data, and autonomous driving

## Build a Platform-Based Sharing System

Pursuing the decentralization of data control and enabling rational transactions of geospatial information

## Reward and Incentive System for Information Provided

Generating new value from geospatial information provided by participants and ensuring fair rewards

# II

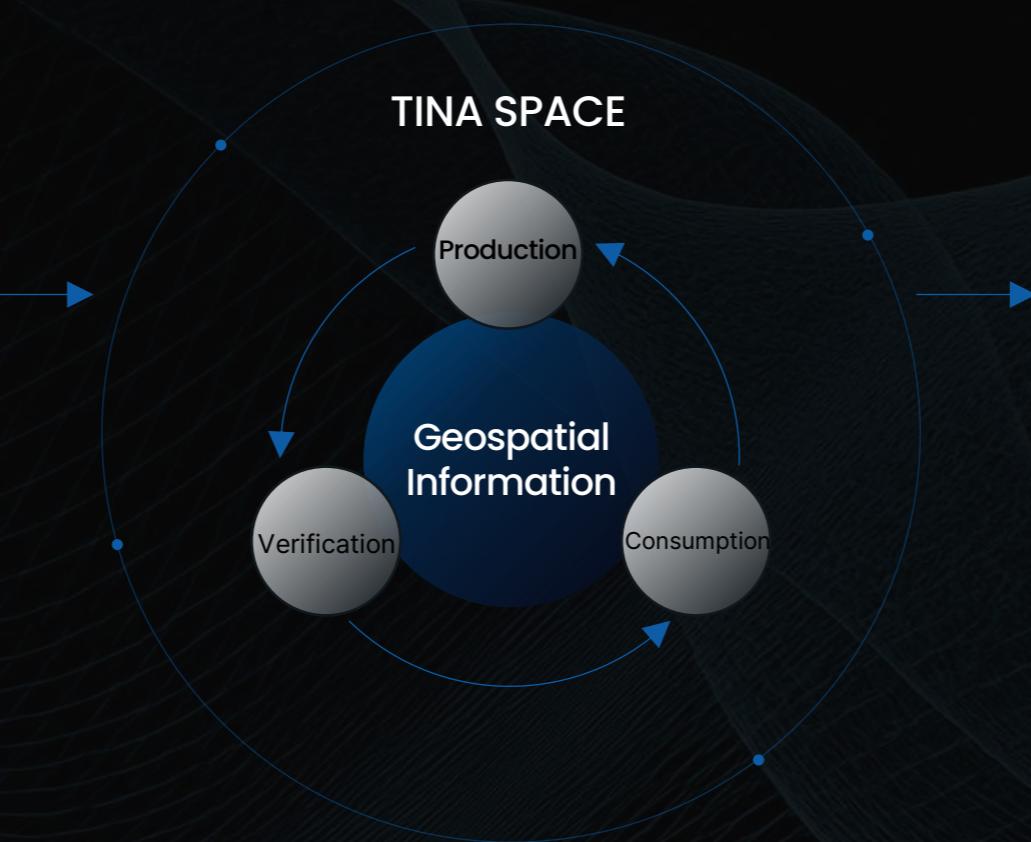
# Service Model

# 1. About Our Service

## Building a virtuous Geospatial Information Ecosystem

### Designing a Circular Data Structure

A closed-loop system where data generation, verification, utilization, and rewards are seamlessly connected within the TINA SPACE ecosystem



### Establishing a Data-Sharing System

Building a sharing framework based on high-precision data that can be utilized across various industries and services

## 2. Service Architecture

### TINA Ecosystem Flow

#### ➤ Roles in the Ecosystem (by Participant)

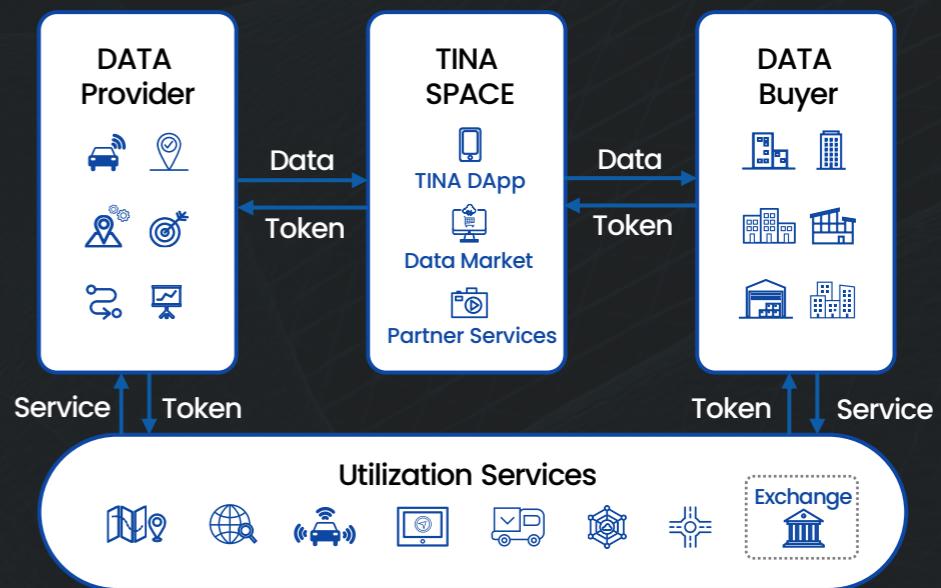
- User : Data generation (registration), verification, and consumption
- Platform : Data collection, processing, validation, provisioning, and reward distribution
- Enterprises : Data purchase and service application

#### ➤ Service Characteristics

- Decentralized Collaboration Model: Real-time data accumulation through active user participation
- Trust-Based Verification System: Hybrid validation combining user input and system logic
- Built-in Incentive Structure: User actions → rewards → sustained engagement
- B2B Model: Monetization through data sales to enterprise clients

### Closed-Loop Data Flow

- Real-time user participation enables the collection of high-quality data, allowing the service to grow within the TINA ecosystem and expand across diverse industries



### 3. Data Utilization Model



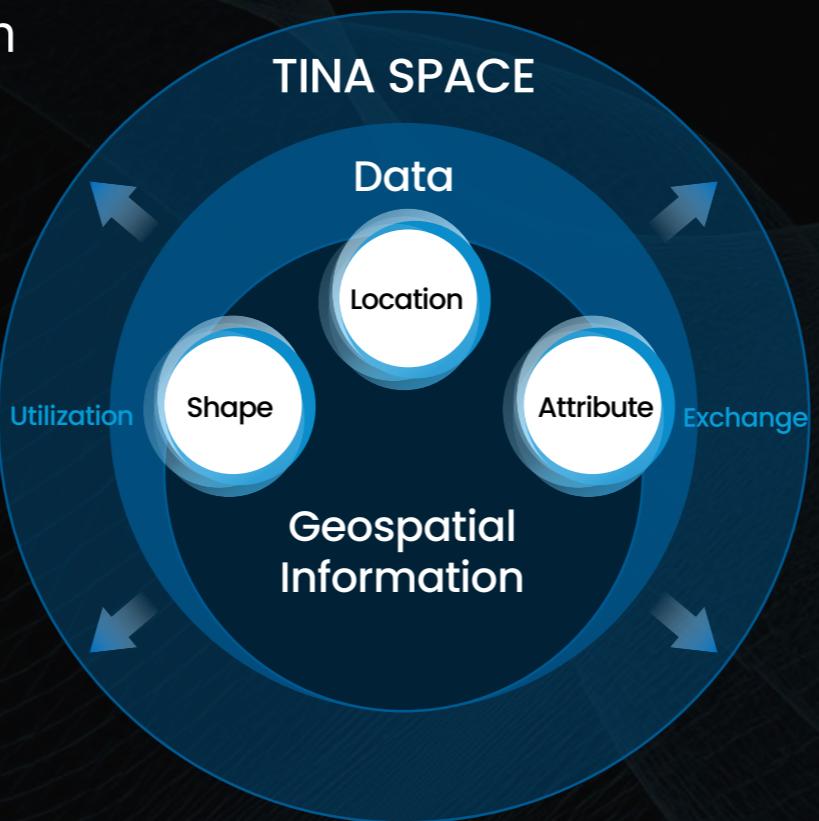
#### Road and Traffic Information

- Collecting road network and change data using a map-matching engine to overcome the limitations of traditional traffic surveys



#### Detailed Infrastructure Data

- Collecting and delivering detailed infrastructure data to improve HD map precision and overcome gaps in outdated or incomplete mapping



#### POI(Point of Interest)



- Real-time acquisition of accurate and reliable POI data reflecting rapid location changes through a hybrid verification system

#### Location-Based Data

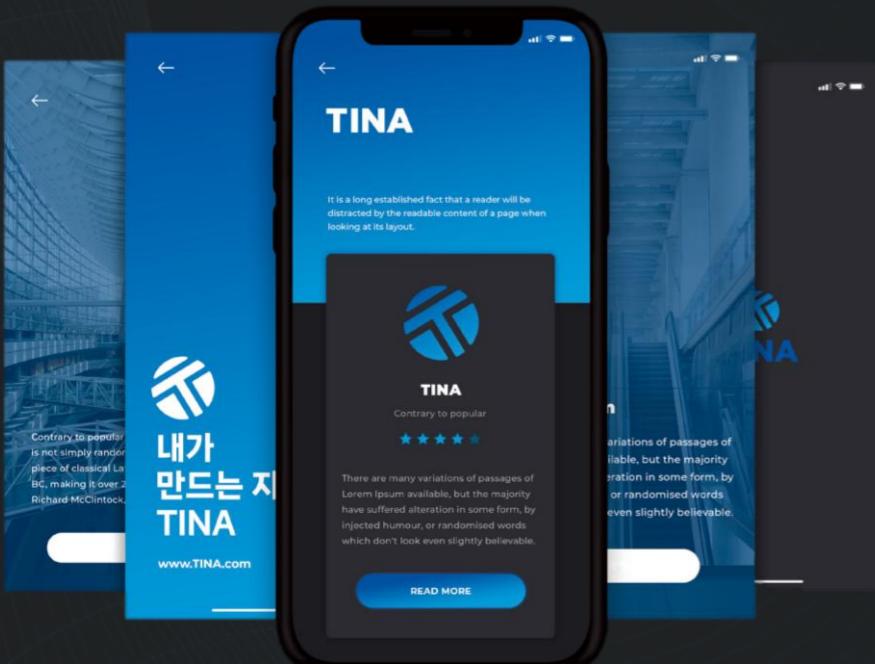


- Delivering personalized services and maximizing marketing impact through hotspot and visit trend analysis to create shared value with partners

## 4. Products-DApp & Data Market

### Mobile Application

TINA : User-Participation-Based Reward App



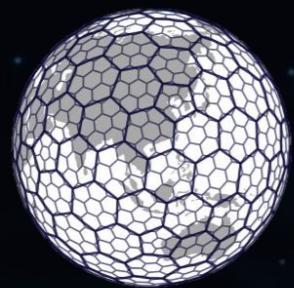
### Data Market

Online Data Exchange Platform



Web3-Enabled Geospatial Big Data Platform

## 4. Products-NFT Utilization



Global NFT

based on real world map  
using H3 indexing system



TINA Land  
**NFT**

Utility Location  
Authentication Tokens



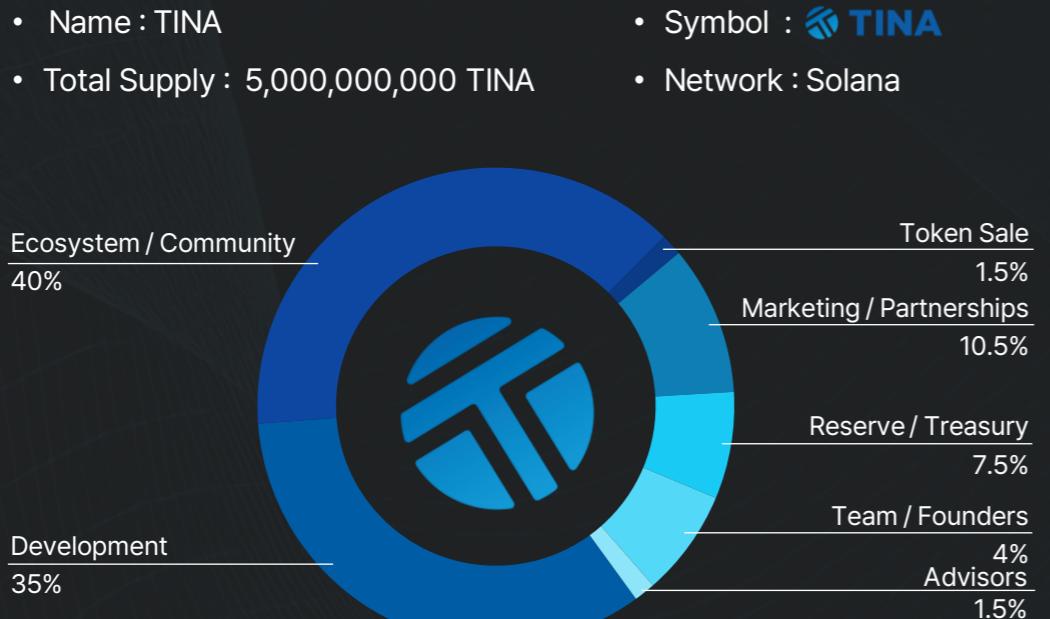
Reward

Benefits of Land Ownership  
by Building Up the Land

**TINA**

## 5. Tokenomics

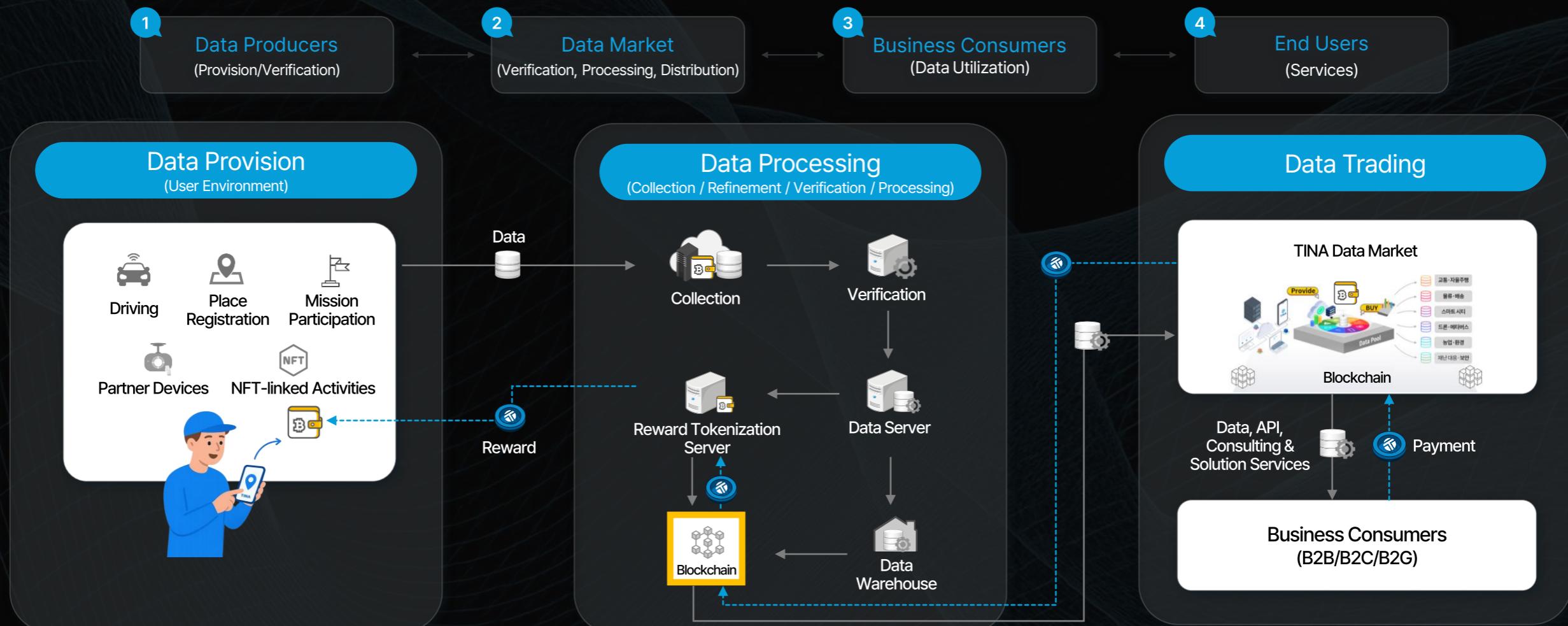
### Token Distribution



### Token Distribution Summary

Allocation	Percentage	Lock-up & Vesting	Details
Ecosystem/Community	40%	N/A	Ecosystem & Community Rewards
Development	35%	N/A	Infrastructure & Technology
Marketing/Partnership	10.5%	N/A	Marketing & Alliances
Team/Founders	4%	12-month lock-up, followed by distribution over 36 months, with 1/6 released every 6 months (total 48 months)	Team & Founder Compensation
Advisors	1.5%	12-month lock-up, followed by distribution over 36 months, with 1/6 released every 6 months (total 48 months)	Advisors & Expert Support
Reserve/Treasury	7.5%	N/A	Liquidity & Reserve Fund
Token Sale	1.5%	50% locked for 12 months, and the remaining 50% subject to a 6-month cliff, then distributed (total 18 months)	Public Sale for Early Funding

## 6. Value Chain of the TINA SPACE Data Economy



III

# Growth Strategy

# 1. Geospatial Information Market Trends

## Market Size

Expected to grow to USD 42.7 billion by 2034

(Source: Future Market Insights, 2024)



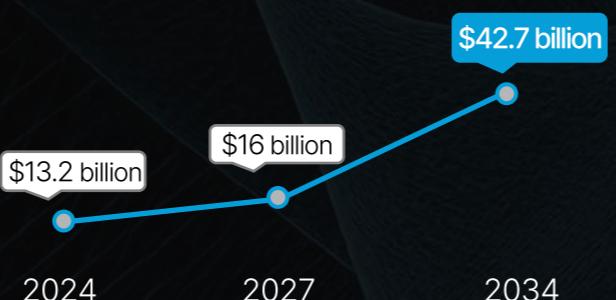
\* Expansion from domestic-centered demand to global demand

### Global Geospatial Analytics Market

## CAGR

Expected average annual growth rate: 12.5%

(Source: Future Market Insights, 2024)



- The geospatial analytics market is experiencing rapid growth, driven by increasing demand for precise and real-time updatable data.
- Starting at approximately \$13.1 billion in 2024, the market is projected to grow at an average annual rate of 12.5%, reaching \$42.7 billion by 2034.

## Key Trend

### Demand for Geospatial Technology

Rapid increase in real-time geospatial data demand across industries such as smart cities, autonomous driving, and mobility, driven by AI-based applications

### Real-Time Location-Based Marketing

Growing use of user location-based targeting strategies in sectors like retail, logistics, real estate, and insurance

## 2. Business Model

New standard for Geospatial platforms connecting data and rewards

### Data Production

- Community-driven location validation
- Crowdsourced geospatial expansion
- Movement-to-data conversion

Realizing a structure where user participation becomes the platform's asset

### Data Utilization

- Refining data to build high-quality, usable datasets
- Analyzing data to deliver insights and personalized location-based services

Building a platform that connects accumulated data with various industries

### Reward

- Encourage continued participation by rewarding user activities
- Expand reward usability across platform features, partner services, and the broader ecosystem

Transparent reward system that provides compensation based on user activity

### Business Expansion

- Expanding data utilization and service scope through partnerships
- Strengthening B2B ties and building a global-local partner ecosystem

Expanding the geospatial network through global and local partnerships

### 3. Our Partners

#### Blockchain & Web3

Collaboration to strengthen service reliability and build a scalable ecosystem based on global blockchain networks, while expanding the user base.



#### Mobility

Integration of high-precision maps, location data, and the reward ecosystem to improve service quality and enhance data reliability.



#### Other Industry

Collaboration with professional institutions in legal, patent, and tax fields to ensure IP protection, regulatory compliance, and a stable business foundation.



## 4. Roadmap

H1 2025	<ul style="list-style-type: none"><li>Platform security review and test environment setup</li><li>Securing initial community and test users</li><li>TINA Token Minting</li></ul>	H2 2026	<ul style="list-style-type: none"><li>Data Market Launch</li><li>Enhancing the utility of rewards within the ecosystem</li><li>Expanding participation of ecosystem</li></ul>
H2 2025	<ul style="list-style-type: none"><li>TINA Dapp Service Launch</li><li>Marketing Activities for Ecosystem Development</li><li>Running user acquisition campaigns based on community events</li><li>Launching ecosystem participation partnerships</li></ul>	H1 2027	<ul style="list-style-type: none"><li>Develop a DApp service plan based on the mainnet and secure core technologies</li></ul>
H1 2026	<ul style="list-style-type: none"><li>Establish NFT Issuance Infrastructure</li><li>TINA-Land NFT Minting</li><li>Exploration of Token Listing Exchanges &amp; Marketing</li></ul>	H2 2027	<ul style="list-style-type: none"><li>Global Service Preparation</li><li>Forming the initial global community operations team</li><li>Step-by-step implementation of technical architecture and partnership framework for global expansion</li></ul>

# Thank you.