

Africa Investment Forum 2025  
@Rabat, Morocco



# SPACE SHIFT

**Sense the Unseen from Orbit**

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**Satellite Data as the Transparency  
Infrastructure for Closing Africa's Finance Gap**

**Tamao Tada**  
Chief Business Officer (CBO)





## Space Shift solves social issues on Earth with Space × AI

Company Name	Space Shift, Inc.
CEO	Naruo Kanemoto
Capital (including capital surplus)	678 million JPY
Establishment	11 December 2009
Number of Employees	30FTE + 50< interns
Location	Inspired.Lab, 6th floor, Otemachi Building 1-6-1 Otemachi, Chiyoda, Tokyo 100-0004 Japan
Other Locations	Tottori, Japan/ US / EU(Planning)
Web site	<a href="https://www.spcsft.com/en">https://www.spcsft.com/en</a>
Business fields	Development of software for satellite data analysis, business related to the analysis of satellite data, consulting related to space business



The number of earth observation satellites has been increasing recently.

The key to promoting the utilization of satellite data is transforming big data into valuable information.



## SPACE SHIFT



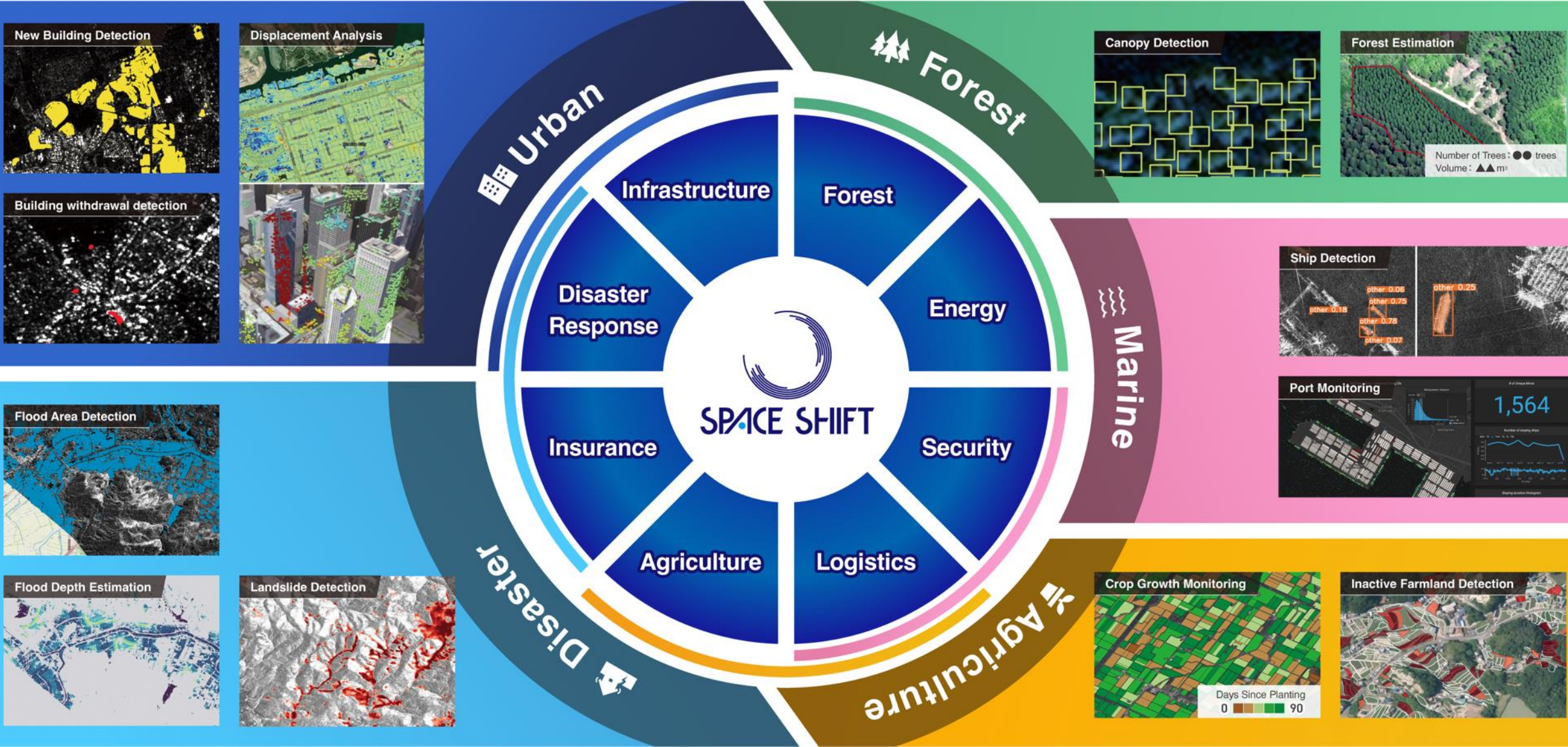
**By focusing on AI analytics development for satellite data processing,**  
we turn vast satellite data into actionable insights.



**By providing space-based insights through our high-precision AI-driven data analytics,**  
we drive the expansion of the satellite data utilization market.

※ SAR : Synthetic Aperture Rader







## Empowering Africa's sustainable growth through satellite intelligence and strategic partnerships

### MOU with two companies



*Global SAF & bioethanol producer*

Satellite-Based Crop Monitoring for Bioethanol & SAF  
Feedstock Production



*hello tractor* **Leading tractor-sharing & mechanization platform**

Collaboration to advance farm mechanization and improve  
harvest productivity by deploying tractors at the optimal timing

### Panel Discussion at TICAD9



The event introduced each organization's initiatives in Africa and discussed how satellite data can contribute to business development across the continent, together with:

- The African Development Bank
- Middle East and Africa, Mizuho EMEA
- Satarem America Inc.

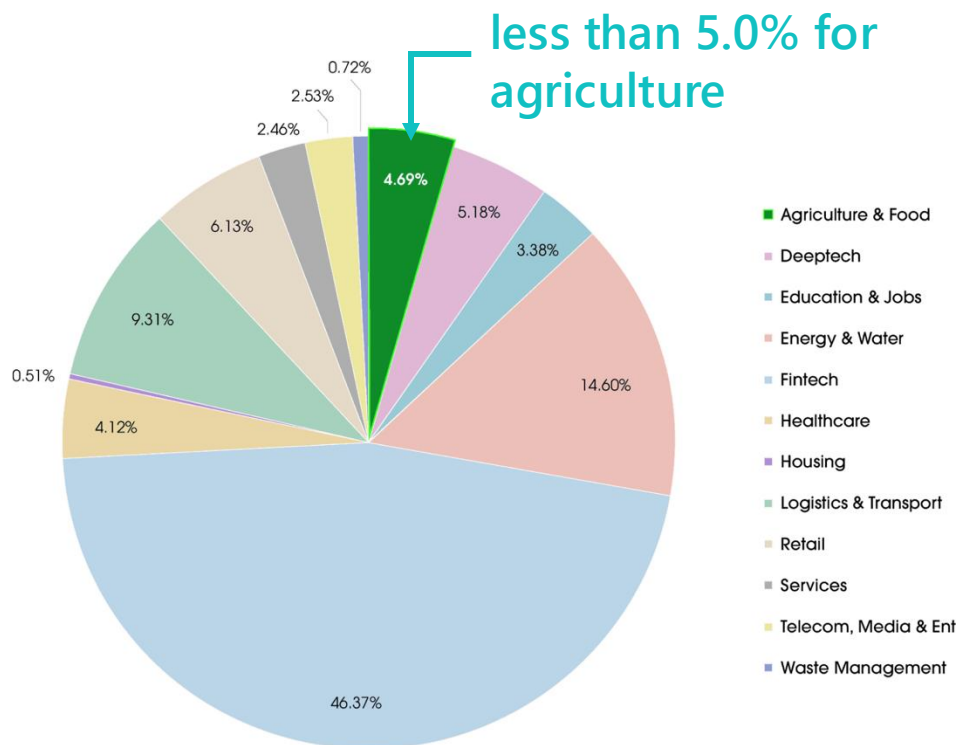
Many high-potential projects in Africa remain unfunded — not due to lack of potential, but due to lack of visibility and reliable data throughout project lifecycle

1	Management	<u>Limited On-Site Verification</u> Remote and hard-to-access locations prevent frequent, independent verification of actual conditions.
2	Intervention	<u>Low Monitoring Frequency</u> Infrequent field visits make it difficult to detect delays, slippage, or construction issues early.
3	Transparency	<u>Lack of Objective, Standardized Data</u> Without trusted data sources, investors cannot validate progress or reconcile discrepancies between reports and reality.

**These visibility gaps lead to higher risk, higher costs, and ultimately discourage private investment.**

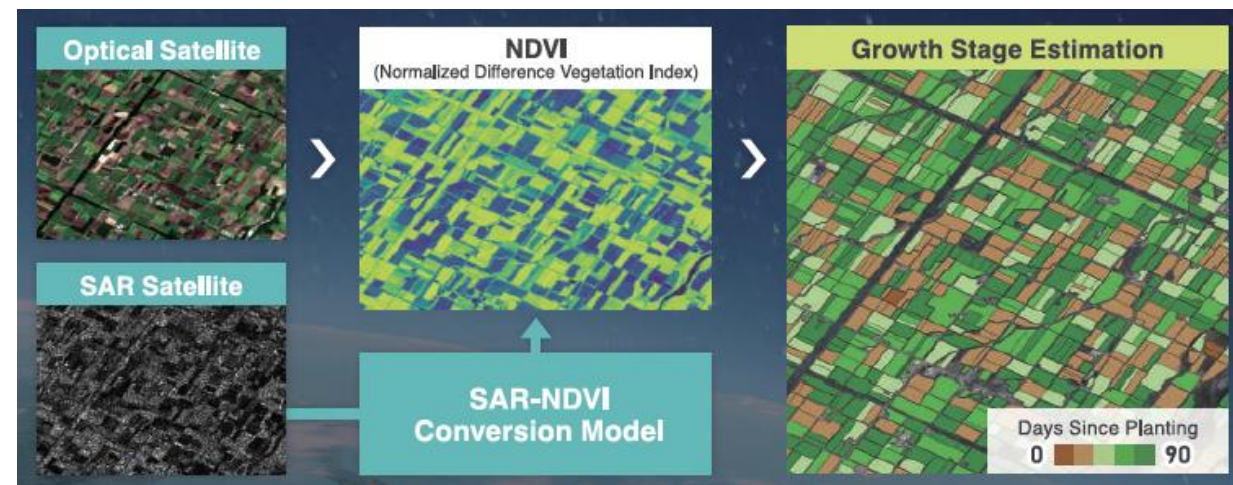
While energy and water attract around fifteen percent of investment, agriculture receive only about five percent, despite their critical role in Africa's GDP and employment—mainly due to the lack of reliable data.

## Amount raised by sectors



Sources: [safinetwork.org](https://safinetwork.org), [agrotech.space](https://agrotech.space).

## Our solution to agricultural sector



Estimation of planting/harvesting timing using time-series data



Estimation of past harvest performance (track record and capability of farmlands)



Satellite data is the transparency infrastructure that bridges Africa's finance gap and enables effective public-private partnerships and blended finance.

## Pre-Investment

### De-risks investment decisions at the earliest stage

- Baseline mapping of land use, infrastructure, and agricultural assets
- Suitability analysis by using land displacement or past disaster events
- Independent verification of project assumptions

## Implementation

### Improves transparency & mitigates execution risk

- Remote monitoring of construction progress
- Early detection of delays, deviations, and quality issues
- Independent verification of contractor-reported progress

## Monitoring & Evaluation (M&E)

### Enables standardized, low-cost monitoring at scale

- High-frequency monitoring without field visits
- Standardized reporting for donors and investors
- Evidence-based KPI & impact verification

## Impact / Sustainability

### Generates trusted impact data for blended finance

- Measuring long-term agricultural productivity
- Tracking land restoration, environmental change, and climate resilience
- Transparent impact data for blended finance & PPP





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