

# Corporate Profile



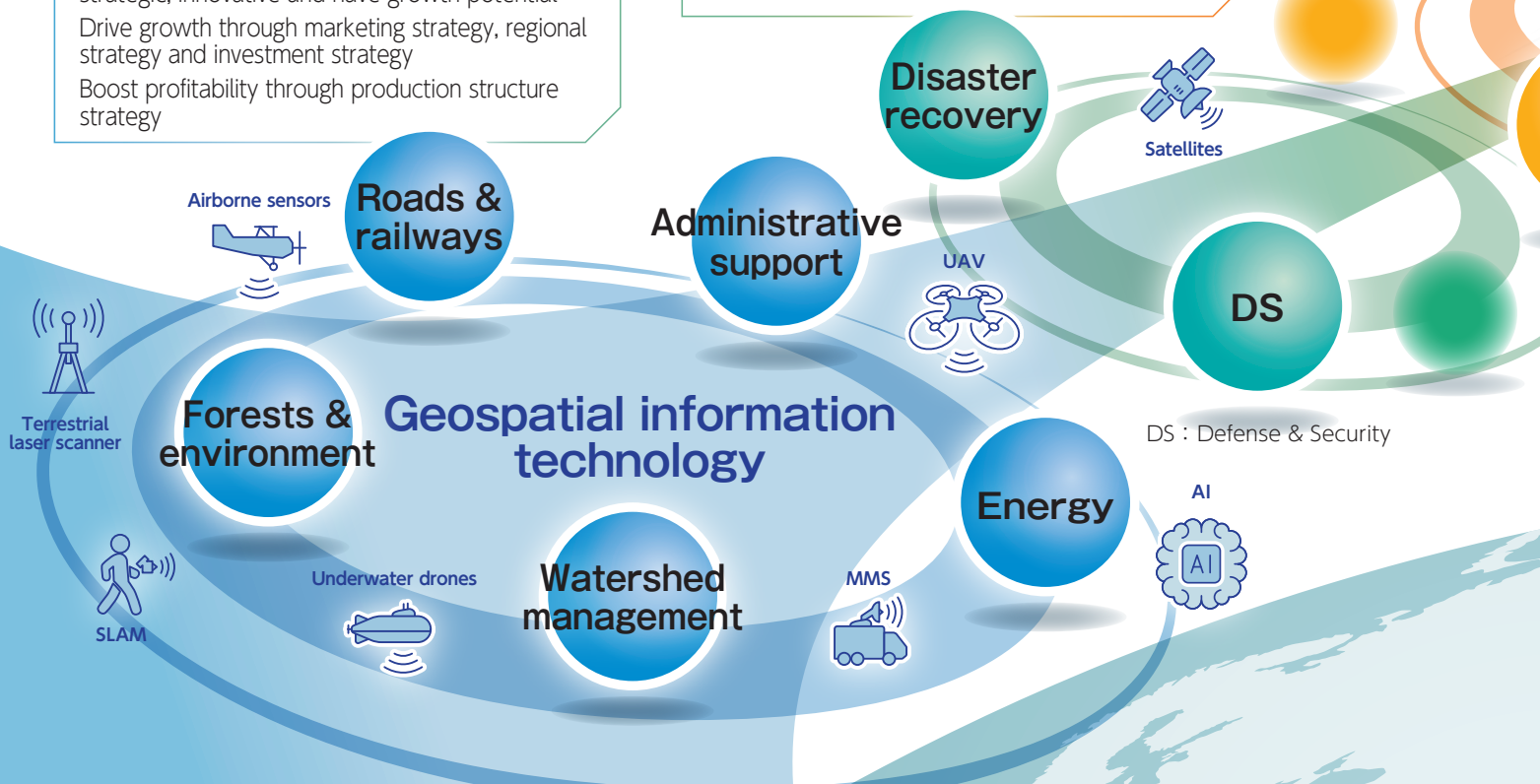
**ASIA AIR SURVEY CO.,LTD.**

## Core business strategy

Take on the challenge of themes that are strategic, innovative and have growth potential  
Drive growth through marketing strategy, regional strategy and investment strategy  
Boost profitability through production structure strategy

## Business development strategy

Fully launch new businesses  
Challenge region-wide comprehensive infrastructure PPP business, investment in startups, etc.  
Shift from traditional business model



## Sustainable Management

### Corporate management strategy

Increasing the value we provide to stakeholders (customers, shareholders, building of sustainable society)

## Top Message

Asia Air Survey was founded in 1954 with the aim of supporting Japan's post-war reconstruction using aerial surveying technology. Ever since then, that purpose has guided us as we built up our business. Today, as a geospatial information consulting company, we offer a broad suite of services for areas ranging from land conservation to social infrastructure construction and management. Even amid sweeping changes in society, our principles have remained constant. Exploring new technologies and developing our services, we have pursued our social mission of using geospatial information technology to support and connect people's lives. Carrying on the businesses created by our fellow engineers before us, we have used our business to help solve social issues,

in keeping with our management philosophy that "a business exists for society."

The global environment and the circumstances and issues of society are changing each year and the world is in an era of high uncertainty and complexity. That is why we have thoroughly explored "technology for supporting social infrastructure from the sky," the starting point of our business since our foundation. We have used flexible business development and excellent technical capabilities to respond quickly to society's needs and shifts, working to bring a safe, secure, and sustainable society to every area of daily life.

Responding to changes in social conditions, we have taken initiatives such as making active investments in

## Long-Term Vision 2033

# Connecting society with geospatial information technology and building a better future for the earth

## What we aim to be

1. A company that continues contributing to society by deepening and exploring geospatial information technology
2. A company that works on new sensing technology, continuing to provide innovation to society
3. A company that provides technology and operations for building a sustainable society and that continues to grow sustainably
4. A company that engages more closely with stakeholders, continuing to create happiness for society together with its employees
5. A company that works to strengthen its management base, maintaining high transparency and continuing to earn the trust of society

- Region-wide comprehensive infrastructure PPP business
- Startup investments
- Global business development

## AAS-DX\* Five-Year Plan

Company-wide DX  
strategy formulated in  
January 2023

※AAS-DX : Asia Air Survey-Digital Transformation

## AAS-DX

Envisioning a future society where sensing innovation is embedded in daily life and infrastructure

Innovation -  
leads  
"Change Customer  
Experience"

Reform way of  
thinking - leads  
"Change Mind"

Creating and  
improving  
systems - leads  
"Change  
Environment"

employees, society) and carrying out "sustainable management" by contributing to the



digital transformation and IT infrastructure, enhancing the visibility and efficiency of our management, and building a workplace where employees can stay healthy and safe as they work. Through this progress, we have adopted new ways of working and improved productivity. We will go on striving to address areas such as climate change, biodiversity, the global agenda, human rights, human resource development, diversity, and health management, while helping solve social issues by building the foundations for new businesses and managing the foundations of our existing ones. As we do so, we will continue working for the happiness of all stakeholders and the sustainable growth of the Group.

President and CEO

Megumi Hatakeyama



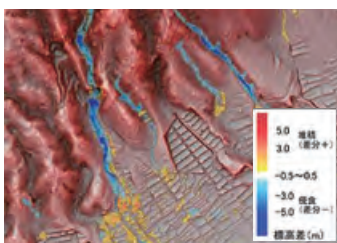


# National Land Conservation Consultant

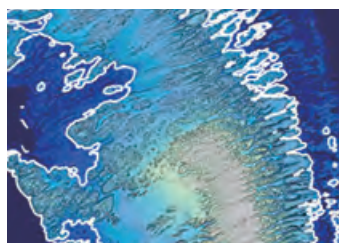
Using “geospatial information” to support national land conservation management, which prevents disasters and protects the environment

For a future society that is safe, secure, and kind to people and to the environment. Guided by “geospatial information,” we will help find the best solution.

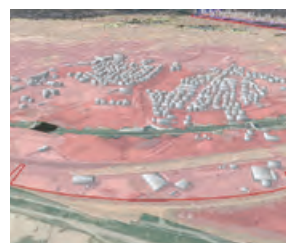
Using our “geospatial information” and consulting capabilities, we work toward a peaceful future. In the area of disaster prevention, for example, we offer the “Red Relief Image Map” for quickly finding traces of lava flows and landslides by grasping microtopography from an aerial viewpoint. We also offer a “High-Precision 3D Viewer” system for checking damage conditions from any angle. Our specialists bring strong expertise in rivers, erosion control, volcanoes, and urban disaster prevention, providing disaster prediction support and disaster recovery consulting. We also involved in environmental conservation, such as forest and biodiversity conservation, by providing a full range of services from basic studies, data analysis and simulation, and preparation of conservation plans as well as the support to implement the selected plans. We must also contribute to the revitalization of industries such as forestry.



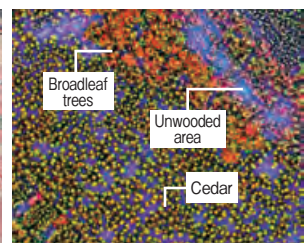
Survey after a landslide disaster



Assessing coastal terrain by ALB surveying



Three dimensional hazard mapping (using 3D urban models)



Forest type mapping by LP survey

## DX strategy

We have positioned our AAS-DX Vision as “innovation for daily life: measuring anything, analyzing the present and predicting the future.” Our technological innovation is also based on this Vision. We aim to provide a new customer experience (CX) by redefining the geospatial information service infrastructure, which is the foundation of our Vision for “a -GeoSaaS (GeoSpatial Information as a Service).”



# Social Infrastructure Management

Optimal consulting for areas from maintenance of roads, railways, water supply and sewerage to development of energy and administrative services



We utilize  
“geospatial information”  
to offer multi-faceted  
solutions for the social  
infrastructure of  
tomorrow.

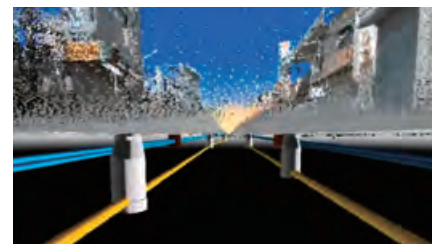
Recent years have brought a sharp rise in the number of social infrastructure assets that, having been originally built during Japan's period of rapid economic growth, have passed the age of 50 years. Major challenges have emerged in terms of maintaining and managing these assets and extending their lifespans. At Asia Air Survey, we are committed to ensuring a safe and secure future for society. From roads, railways, bridges, tunnels, water supply to sewerage, we enable social infrastructure to be efficiently, effectively, and strategically maintained and managed using 3D data, monitoring technology, robots, AI, etc. In the energy sector, we provide operational support at various stages, from renewable energy potential surveys, environmental impact assessments and implementation plans to maintenance of assets such as transmission lines. We also provide administrative support to local governments focusing on a geographic information system (GIS).



Point cloud laser scanning and automatic extraction of features using RailLis



AI-driven automatic specification of ground, and classification of vegetation, buildings, etc.



3D GIS management of underground utilities

## **$\alpha$ -GeoSaaS®**

We envisage a collaboration platform that creates true digital twins linked to the real world. In this virtual environment, the geospatial information of various stakeholders will be combined as in the physical world where such stakeholders are engaged in the land conservation, social infrastructure maintenance, and economic and social activities.





# Surveying Technology / Cutting-edge Technology

Analyze the present and predict the future using “geospatial information” obtained with “surveying technology”

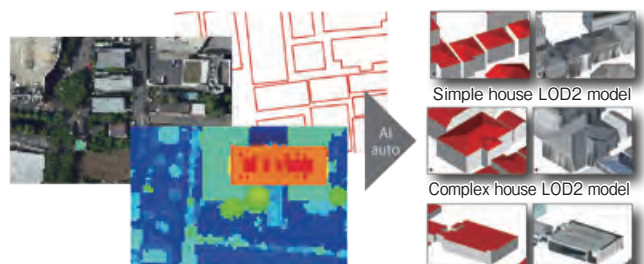


We will continue pioneering the cutting edge of “surveying technology” for the future of the earth.

Since its establishment, Asia Air Survey has been a pioneer of “geospatial information.” We are the first company in the world to apply mass production technology to aerial photogrammetric mapping. Actively using surveying technologies such as MMS (mobile mapping systems) and UAVs (drones) as well as aerial surveys, we have provided land conservation consulting in fields such as disaster prevention and the environment. We have also provided high-quality, high-precision data useful for social infrastructure management of assets such as roads, railways, energy, water supply and sewerage. Today, by advancing sensing innovation through technology such as IoT and AI, we are aggressively driving AAS-DX (digital transformation) that will serve life and society in the future.



Survey of water and land with ALB



Technology for automatic generation of 3D city models



# Sustainability & Global Action

What we can do as a global citizen and a global company

## Taking responsibility for future society

Asia Air Survey has been actively working to build a safe and secure society. We are applying the advanced technology we have developed in areas such as natural environment conservation, environmental education, and raising awareness of disaster prevention. In response to the environmental impact caused by sudden events such as natural disasters, we have also provided quick information and support for recovery and reconstruction. As a result of these activities, we were certified as an Eco-First Company by the Ministry of the Environment in 2012. We will continue to fulfill our social responsibilities as a geospatial information consulting company with the aim of connecting society with geospatial information technology and building a better future for the earth.



Fuel-efficient aircraft operations



Disaster emergency photography, voluntary survey, and information disclosure



Cooperation with an NPO

## Expanding our activities globally by contributing to the international community

Asia Air Survey carries out international cooperation and development assistance projects mainly under official development assistance (ODA) programs in over 30 countries across Southeast Asia, Africa, Oceania, and South America. We support local development through technology transfer and post-project monitoring. We are also able to collaborate with overseas companies and educational institutions using our local subsidiary. Furthermore, we are working to respond to the demand for social infrastructure development arising from rapid urbanization in developing countries and also to address the Sustainable Development Goals (SDGs) in areas such as countermeasures against disasters due to global climate change and environmental issues. We do this through the range of services we offer, which use ICT-related technologies and 3D content and data, and through our system services using geospatial data.



Myanmar National Disaster Prevention Seminar



GIS technology transfer in Myanmar



Industry-academia collaboration business in Taiwan

## History

1954	Asia Aerial Survey Company established (founded) in Minato-ku, Tokyo	1998	Acquired ISO 9001 Certification
1956	Aerial Work Services License issued by the Ministry of Transport, Japan	2003	Technical center moved from Atsugi City, Kanagawa Prefecture to Asao-ku, Kawasaki City, Kanagawa Prefecture
1960	Successful development of the Analytical Aerial Triangulation method: the world's first application to aerial photogrammetric mapping		"ZukaMeijin TM" service launched
1963	Company name changed to "Asia Air Survey Co., Ltd." (Capital: ¥100.5 million)	2004	Received ISO 14001 Certification
1964	Listed on Second Section of Tokyo Stock Exchange	2005	Received ISO/IEC 27001 Certification
1965	Head Office moved to Tsurumaki, Setagaya-ku, Tokyo	2008	Head Office functions moved from Shinjuku-ku, Tokyo to Asao-ku, Kawasaki City, Kanagawa Prefecture (Shinyurigaoka Head Office)
	Kansai Branch established	2009	Received PrivacyMark Certification
	First overseas project:	2012	Certified as an "Eco-First Company" by the Ministry of the Environment's Eco-First System
	Ground Control Point Survey in the Republic of Ghana	2014	Received ISO/IEC 20000-1 Certification
1981	Technical center opened in Atsugi City, Kanagawa Prefecture	2017	Received ISO 55001 Certification
1982	Head Office Building (Tsurumaki) completed	2020	Sports tech company "xSENSING Co., Ltd." established
1989	Head Office moved to Shinjuku-ku, Tokyo	2022	Certified as a "DX-certified operator" by the Ministry of Economy, Trade and Industry

## Certifications



Certificate of the support to raise next generation children (Nickname: Kurumin Mark)



"Eruboshi" Certification (Stage 2) based on the Women's Participation Promotion Act



Resilience Certification Business continuity and social contribution



PrivacyMark Registration No. 10840413



Eco-First company certified by the Ministry of the Environment's Eco-First System



Certified Health & Productivity Management Outstanding Organization

## Corporate Profile

Company name	Asia Air Survey Co., Ltd.
Establishment	February 26, 1954
Date of incorporation	December 15, 1949
Capital	¥1,673,778,000
Main offices	Shinjuku Head Office (Registered): Shinjuku Green Tower Building 15F, 6-14-1 Nishi-shinjuku, Shinjuku-ku, Tokyo 160-0023, Japan Shinyurigaoka Head Office: Shinyuri 21 Building 3F, 1-2-2 Manpukuji, Asao-ku, Kawasaki City, Kanagawa Prefecture 215-0004, Japan 1,587 (As of September 30, 2022)
Number of Group employees	
Fiscal year	From October 1 to September 30
Consolidated net sales	¥33.6 billion (Year ended September 30, 2022)
Tokyo Stock Exchange	Listed on Standard Section (Stock code: 9233)

## Our Services

Aerial surveying and topographic mapping  
Remote sensing  
Geospatial information management  
(Administrative support systems, information management systems for disaster prevention and other systems)  
Fixed asset-related business  
Facility information management (power facilities, water supply and sewerage, roads, etc.)  
Environmental surveys and assessments  
Geological surveys and hydrological surveys  
Construction consulting  
(Registered Field: Urban planning and regional planning, river/erosion control and coast/ocean, roads, water supply and industrial water supply, sewerage, landscaping, ports and airports, soil and foundations, agricultural civil engineering, steel structures and concrete, construction environment, forest civil engineering, geology)

## License

Licensed by the Minister of Transport for Aerial Work Services, License No. 25 (February 27, 1956)

## Approval

Aircraft Maintenance and Inspection and Aircraft Maintenance or Alteration, Approved Organization No. 233 (March 6, 2018)

## Certification Registration

ISO 14001 Certification No. MSA-ES-1857; Scope of Certification: <https://www.jab.or.jp/en/>

ISO 9001 Certification No. MSA-QS-4836; Scope of Certification: <https://www.jab.or.jp/en/>

ISO 55001 Certification No. MSA-AS-38; Scope of Certification: <https://www.jab.or.jp/en/>

ISO/IEC 20000-1 Certification No. JUSE-IT-015; Scope of Certification: <https://isms.jp/english/index.html>

ISO/IEC 27001 Certification No. JUSE-IR-037; Scope of Certification: <https://isms.jp/english/index.html>

ISO/IEC 27017 (JIP-ISMS17) Certification No. JUSE-IR-037-CS01; Scope of Certification: <https://isms.jp/english/index.html>