



2ND INDIA AUSTRALIA SPACE & GEOSPATIAL BUSINESS MEET



Date: 04 March, 2025 | **Venue:** Vivanta, Dwarka, New Delhi

Growing Industry Trade and Business between India and Australia

Background

The Indian geospatial industry is gradually undergoing a transition from data to knowledge, and from being a service driven to solutions driven industry. Owing to the recent significant policy reforms announced by the Government of India, Geospatial industry can be regarded as the foundation of digital infrastructure in India and is at the helm of becoming one of the most potential industries to provide the nation with enormous socio-economic advantages.

Opportunities in Geospatial and Space

The Geospatial industry is emerging as the next 'Big Opportunity' worldwide, both as an 'advancing market in itself' as well as 'augmenting business processes' of mainstream IT, Engineering and Autonomous industries. 'Data Insight' is today the driving wheel of the knowledge economy, penetrating and integrating across workflows and processes of every industry. Data serves as 'oil' to the knowledge economy resulting in economic business models, greater efficiency, productivity, transparency and compliance. Therefore, geospatial industry would continue to provide accurate and rich foundation to data infrastructure and increasingly add the 3rd dimension to 'everything we do' leading to 'geospatial by default' embedded in digital twin and metaverse impacting how humans interact with the digital and physical world in near-real-time.

Increasing number of countries in the Asia Pacific region feel a compelling need for new thinking for space strategy and space activity is one of the major drivers of security systems. Many are also aspiring to acquire indigenous capabilities for space activities. Moreover, increasing private/commercial activities are seen in this region resulting in the growth of competitive market for technology, applications and services. Many have been actively using space systems like communication and remote sensing satellites to meet various social needs, disaster monitoring, natural resources management, tele-education, tele-medicine, national communication, navigation services, etc.

It is, indeed, an exciting time as India is witnessing a coordinated and holistic approach towards opening up much needed geospatial and space industry for commercial companies while continuing its commitment to nurture and handhold commercial companies to play meaningful role in national development.

The geospatial industry has experienced significant growth in both India and Australia over the past decade, with projections indicating continued expansion through 2025.

Geospatial Analytics Market Growth

Globally, the geospatial analytics market is anticipated to grow from USD 32.97 billion in 2024 to USD 55.75 billion by 2029, at a CAGR of 11.1%.



Geospatial Solutions Market Growth

The geospatial solutions market size is expected to grow from \$548.07 billion in 2024 to \$617.84 billion in 2025 at a CAGR of 12.7%

India's Geospatial Market

India's geospatial market is projected to reach ₹25,000 crore by 2025, reflecting a compound annual growth rate (CAGR) of 16.5% from its 2023 valuation of approximately ₹18,000 crore.

Indian Geospatial Industry Outlook (source: Geospatial Artha 2022):

- India's domestic geospatial market is estimated to grow at a significantly high CAGR, i.e., approximately 13.5 percent between 2021 and 2025. The market is forecasted to rise from INR 13.90 thousand crores (approximately 1.68 billion USD) in 2021 to INR 23.09 thousand crores (approximately USD 2.79 billion) in 2025
- India's GNSS and Positioning to hold approximately 59 percent market share in 2022, followed by GIS and Spatial Analytics market with approximately 23 percent of the total market share
- GIS and Spatial Analytics and Earth Observation (Satellites/Drones) to drive the Indian Geospatial Market between 2022 and 2025
- The geospatial market of India in 2022, and 2025 is dominated by Defense and Intelligence, Urban Development, and Utilities sector. Together in 2022, these sectors accounted for 38.91 percent, up from 37.98 percent in 2021 – with each sector accounting for 14.35 percent, 13.29 percent, and 11.27 percent, respectively

Australia's Geospatial Market

While specific figures for Australia's geospatial market are limited, the nation's geospatial analytics market is expected to grow from USD 32.97 billion in 2024 to USD 55.75 billion by 2029, at a CAGR of 11.1%. The nine recommendations in the 2030 Roadmap will ensure that Australia can be self-sufficient in providing essential data and services to support areas of national importance including land and water security, emergency management, autonomous systems and smart cities management. Achieving these objectives will have significant implications, such as addressing climate change, improving disaster resilience, bolstering defence, and safeguarding our critical infrastructure.

This is merely the start of our endeavours to establish geospatial technology as a fundamental part of our nation's economy. The 2030 Roadmap steers government policy makers towards Australia's economic success, societal wellbeing and national security.

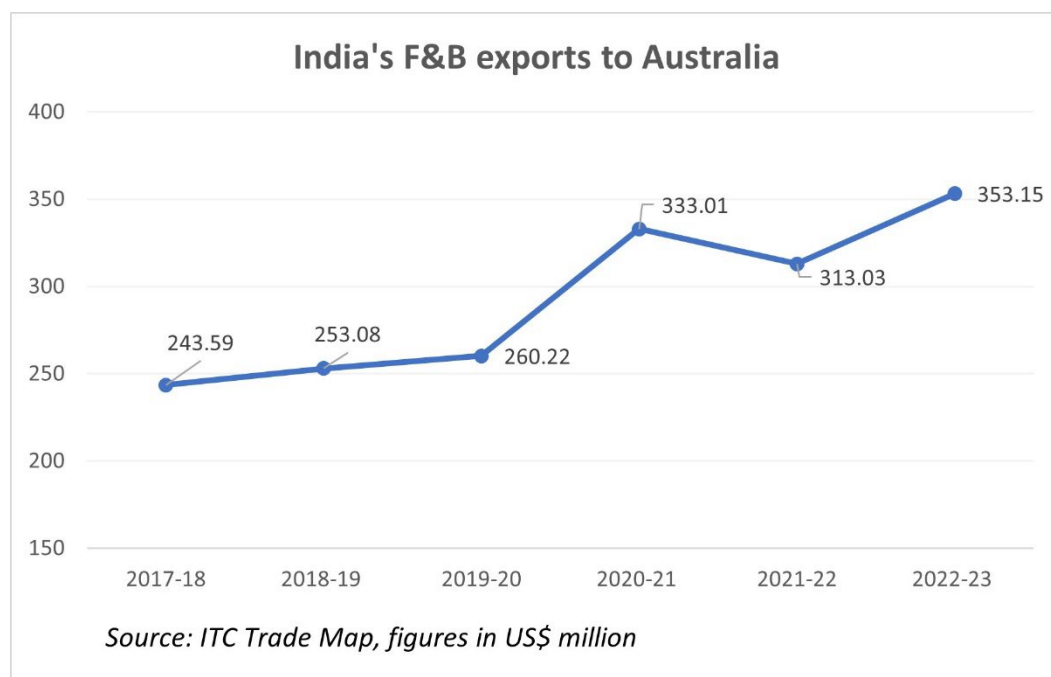
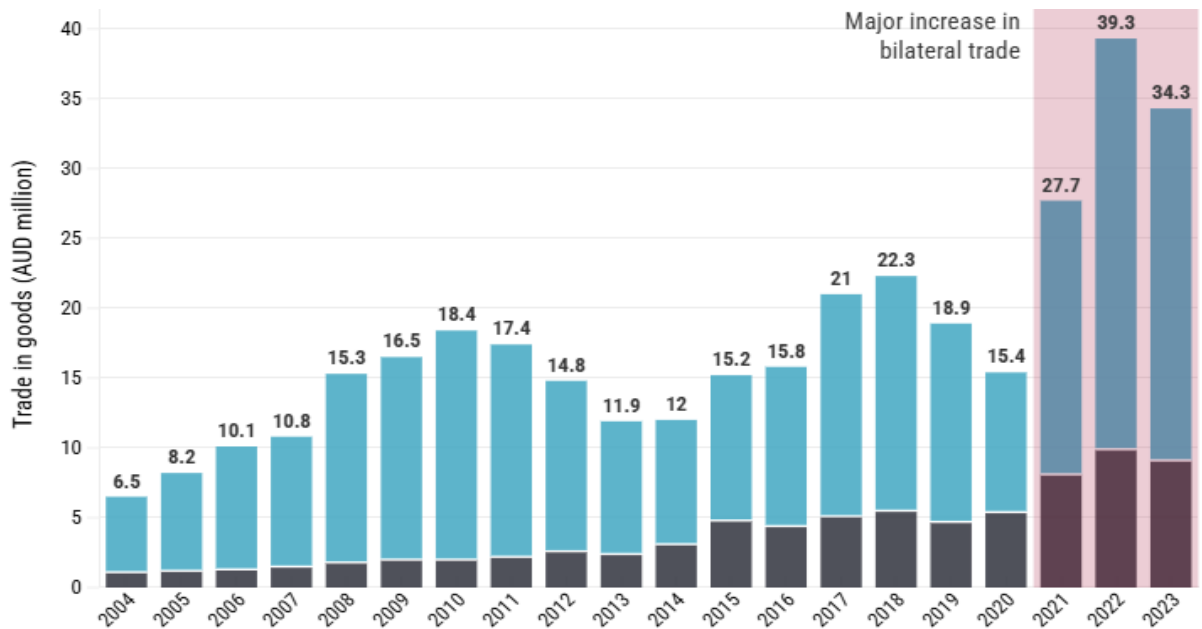
India and Australia have significantly enhanced their collaboration in the space and geospatial sectors, focusing on joint projects, policy alignment, and capacity building

Key Developments

- **Memorandum of Understanding (MoU):** In February 2021, the Australian Space Agency and the Indian Space Research Organisation (ISRO) signed an MoU to strengthen bilateral cooperation in space exploration, satellite technology, and geospatial data sharing.
- **International Space Investment India Projects:** The Australian government has initiated grants ranging from \$1 million to \$10 million to support Australian organizations in conducting joint space projects with Indian entities, aiming to build valuable commercial links with ISRO and the broader Indian space sector.
- **Gaganyaan Mission Collaboration:** Australia is collaborating with India on the Gaganyaan mission, providing expertise in crew recovery operations. This partnership includes sharing

knowledge on applied space medicine and life sciences, leveraging Australia's experience in Antarctic operations and remote medicine.

- **Space & Spatial National Industry Group:** Launched by the Australia India Chamber of Commerce (AICC) in July 2024, this group aims to facilitate collaboration between Australian and Indian businesses in the space and geospatial sectors, promoting joint ventures and knowledge exchange.



The Indian government offers several incentives and support mechanisms to facilitate and enhance trade and business relations with Australia. Key initiatives include:

1. Australia-India Economic Cooperation and Trade Agreement (ECTA): Signed in April 2022 and effective from December 2022, the ECTA aims to bolster bilateral trade by:

- **Tariff Reductions:** Immediate zero-duty access for Australian exports on 98.3% of tariff lines, covering 96.4% of export value.
- **Service Sector Access:** Australian service suppliers gain full or partial access across more than 85 Indian service sectors, with guarantees of the best treatment accorded to future FTA partners.

2. Australia-India Strategic Research Fund (AISRF):

This initiative supports collaborative research projects between Australian and Indian entities by providing grants up to \$1 million. The AISRF fosters innovation and strengthens scientific ties between the two nations.

3. International Space Investment India Projects:

Australian companies and research organizations can access grants ranging from \$1 million to \$10 million to partner with Indian counterparts on space-related projects. This program aims to enhance collaboration in the space sector and reduce reliance on imports.

4. Maitri Grant Program:

With a total of \$5 million available, the Maitri Grant Program supports projects that strengthen the Australia-India relationship across various sectors, including business, public discourse, and cultural exchange.

5. Australia-India Future Skills Initiative:

This program assists Australian training providers in identifying and developing partnership opportunities in India, covering universities, TAFEs, and other educational institutions. It aims to match Australian training organizations with emerging skills-training opportunities in India.

6. Australia India Business Exchange (AIBX):

AIBX offers a range of services to support Australian businesses entering and establishing operations in India, including industry-specific insights and guidance on navigating India's business environment. These initiatives reflect India's commitment to fostering a robust and mutually beneficial economic relationship with Australia, providing various avenues for collaboration and growth across multiple sectors.

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