



India and Sweden Space and Geospatial Business Summit

13-14 December 2023, Sweden

Jointly Organized by: Indian Embassy in Sweden, Geospatial World Chamber of Commerce, and Sweden India Business Council

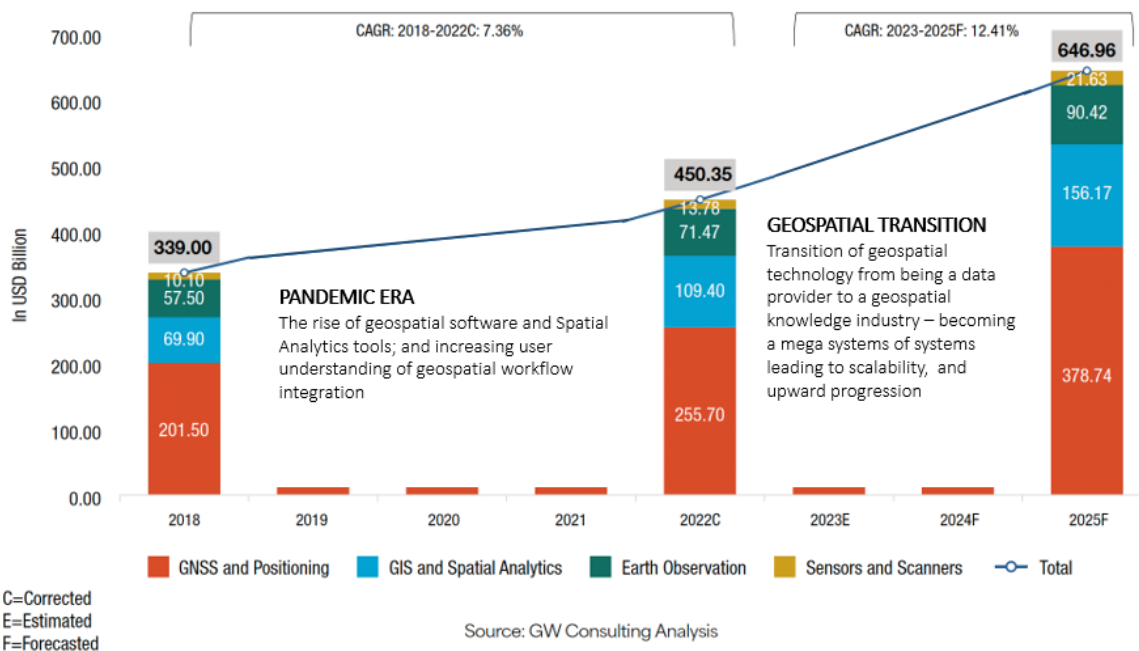
Preamble and Rationale

Global Geospatial Industry and Economy (Including GNSS and EOS)

The Geospatial industry is the next ‘Big Opportunity’ for technology companies both as an ‘advancing market in itself’ as well as ‘augmenting business processes’ of mainstream IT, Engineering and Autonomous industries. It would continue to provide accurate and rich foundation to data infrastructure and increasingly add 3rd dimension to ‘everything we do’ leading to ‘geospatial by default’ embedded in digital twin and metaverse that will impact how humans interact with digital and physical world in near-real-time.

Geospatial Infrastructure that comprises of foundation data, positioning network, platform, standards, knowledge services, and policies, provides overarching framework and enabling interface between government and commercial enterprises to work towards extending geospatial value chain and scalability of applications supporting development, governance, business, and security. Recognizing the growing value of geospatial knowledge infrastructure, there has been several initiatives towards public policy and industrial development worldwide, and the same has been laying the path for amplified growth by the year 2030 and beyond.

Global Geospatial Market Size and Forecast: 2018-2025



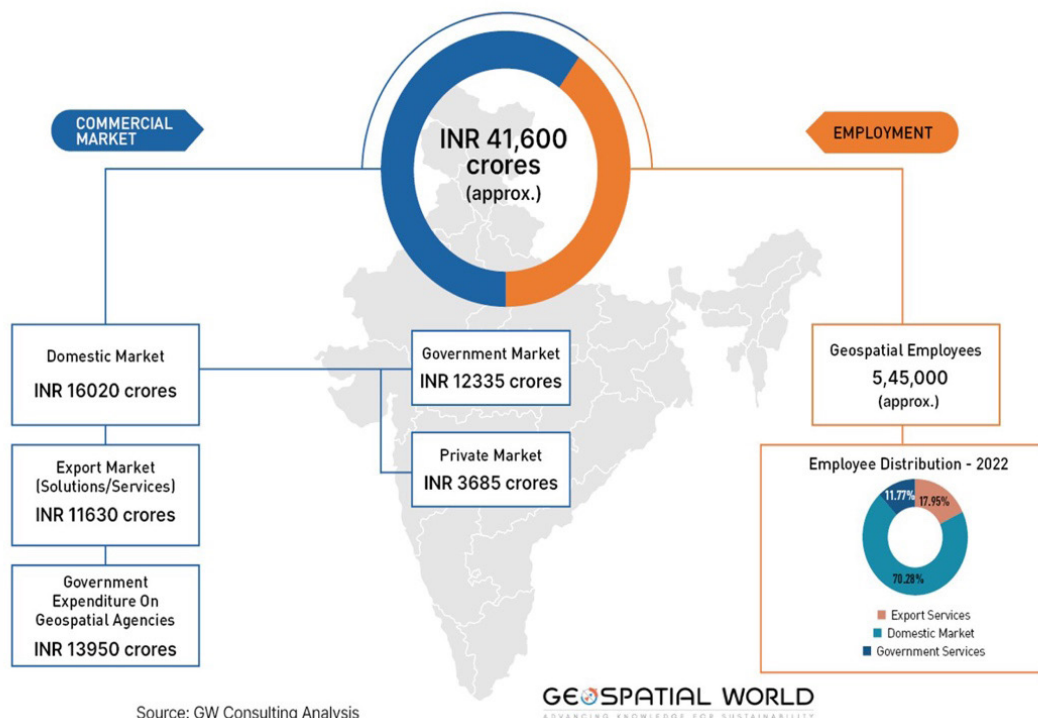
The Global Geospatial Market Size is estimated to be USD 452 billion in 2022 and the same is forecasted to grow at 14.61% CAGR and estimated to be USD 681 billion in year 2025. However, it’s expected to grow at much faster rate of 16.1% CAGR post 2025, making it to be USD 1.44 Trillion between 2030. While current growth rate is driven by technology innovation, integration of workflows, and augmentation of spatial analytics in business processes, but post 2025 it gains momentum due to public policy reforms and increasing investments in geospatial infrastructure (both public and private) and industry acceleration programs worldwide.

Indian Space and Geospatial Industry

Geospatial and space industry, that serves as foundation for digital infrastructure and economy, has been recognized as enabling and driving force towards our mission of self-reliant India. These sectors has been identified as sunrise industries, offering huge growth potential in itself, and as well as its enabling contribution towards India's vision of 10 trillion economy by 2030.

Indian Geospatial Economy 2022

Galloping towards an Economic Impact of 2.16 lakh crore!



Overall geospatial economy of India was estimated to be about US\$ 5 billion in 2021 including US\$ 1.6 billion worth of export of geospatial services. Ongoing policy reforms likely in the space, geospatial, and drone sectors, duly supported by strengthening of international cooperation and alignment with evolving world order, is likely to make significant impact on growth momentum and Indian geospatial market and economy is likely to grow at amazing rate, making it the one of fastest emerging technology industry.

Trade and Commerce

Geospatial industry traditionally has attracted very little exposure, however in past one decade, it has caught the attention of law makers and business communities, especially since Covid-19. Greater participation of commercial sector in space and geospatial sector is a well-established phenomenon globally and so as the growing support and encouragement by national governments through incubation, acceleration, strategic financing, and trade missions.

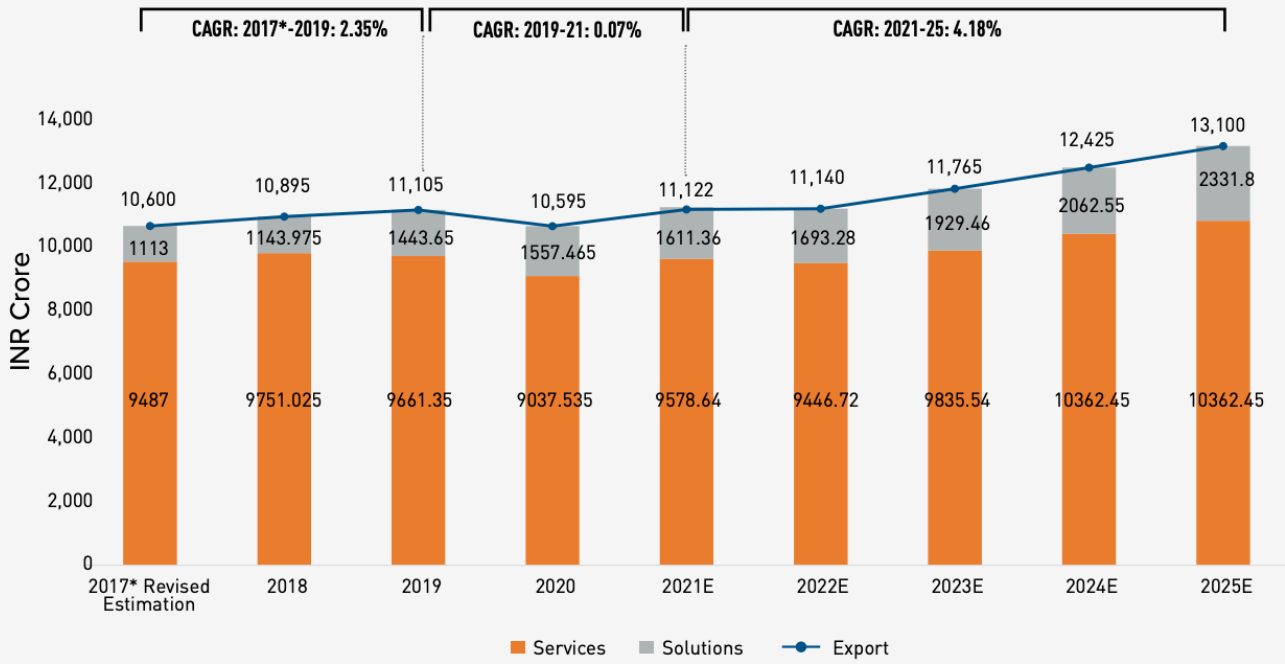
An industry that's being seen as foundation for digital infrastructure, and is amongst fastest growing industries, and is estimated to be US\$ 1 Trillion by year 2030, would but obvious attract attention in the field of global trade and commerce. Deliberations with regards to technology transfers, offsets, ease of doing business and international cooperation have begun to surface at business forums and strategic alliances.

Trade and Commerce of Geospatial Services: Indian Scenario

India is not only of the largest markets for geospatial industry outside of US, but it also contribute immensely towards development of solutions and services. Although it's difficult to measure the size of exports and imports, primarily due to embedded nature of geospatial applications, conservative estimates are very encouraging.

**Geospatial Solutions Market Growth
CAGR 9.68% (2021E-2025E)**

Indian Geospatial Services and Solutions Exports (2017*-2025E)



Source: Geospatial World Analysis

Total exports of Indian geospatial services as estimated in 2021 was US\$ 1.6 billion and the same was likely to grow at slow speed. However, that estimate is likely to change drastically primarily due to policy reforms and ease of doing business. Though we don't have updated analysis available, but early interactions with several business leaders indicate that overall growth rate of geospatial trade may touch double digit, offering great opportunities for business and administrative leadership to harness India's growing pool of technical pool for development geospatial solutions and services globally.

India Space and Geospatial Industry Trade Mission to Sweden

There is tremendous potential of business partnership between India and Sweden in the field of space and geospatial technologies. What we need is to create and strengthen bilateral business forums that provides mechanisms to promote and strengthen trade and commerce in the field of geospatial and space technology between the two countries.

While India does have cutting edge capabilities in the field of space infrastructure and geospatial solutions and services, Sweden does have advanced geospatial technology and products and emerging space industry, thereby offering potential of enhanced collaboration between the two countries in terms of transfer of technology, solutions/services, and well joint ventures and investments across the entire value chain of this industry.

Geo-Political alliance and bilateral agreements does provide an excellent atmosphere wherein we could leverage friendly and cultural ties to grow trade and commerce significantly. As space infrastructure and geospatial services serve as the foundation of digital eco-system, such an engaging collaboration may also help adding new dimensions to overall business relations in the field of Climate Change, Smart Cities, IT and Engineering industry.

Geospatial World Chamber of Commerce and Indian Embassy in Sweden in partnership with Sweden India Business Council, proposes to organise India-Sweden Space and Geospatial Business Summit on 13-15 December in Stockholm and Estrange to explore and facilitate partnerships and business opportunities between Indian and Swedish space and geospatial industry.