

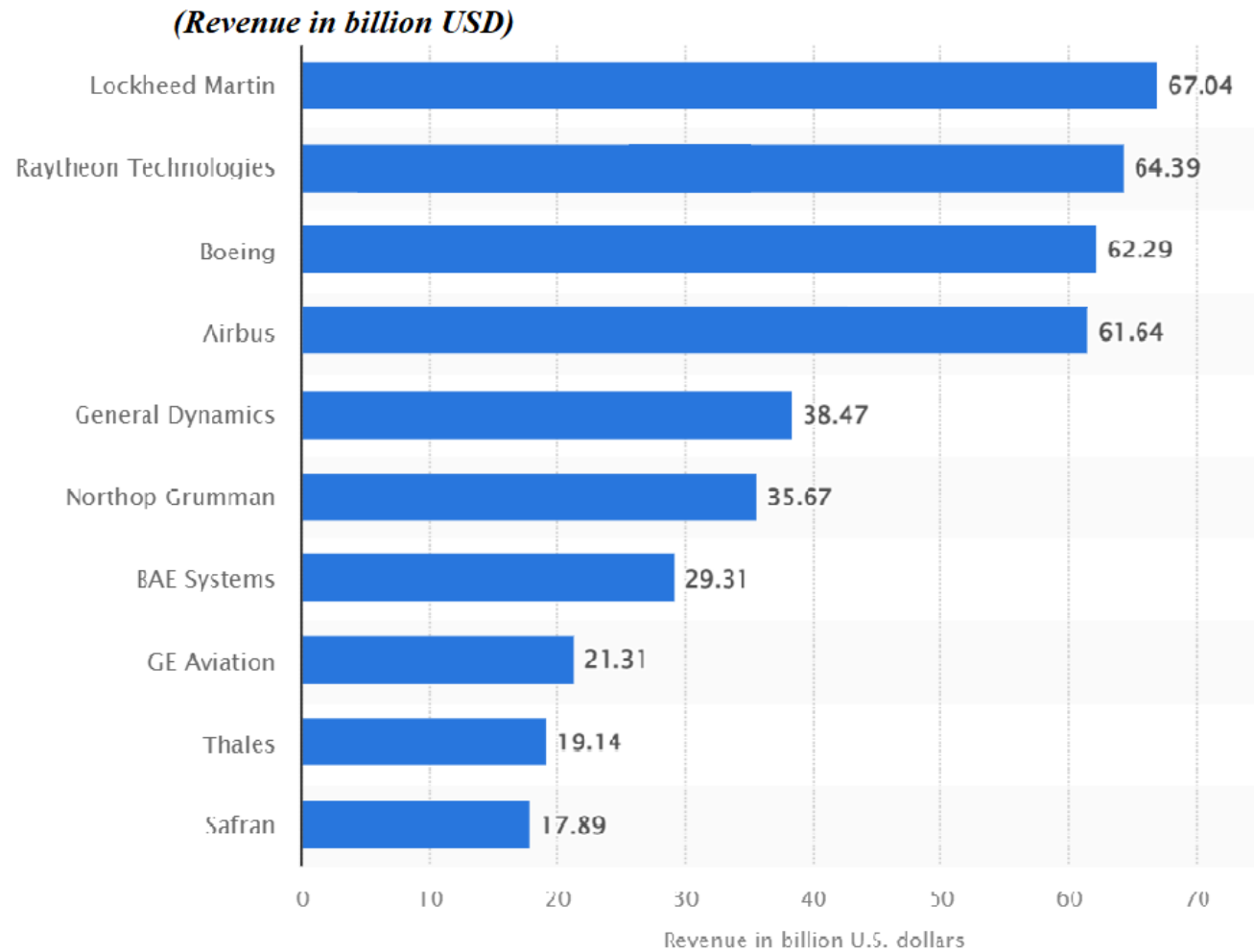
AEROSPACE & DEFENCE INDUSTRY



What is The Aerospace and Defence Industry ?

- ▶ The Aerospace and Defence Industry (A & D) encompasses companies focused on developing satellites, aircrafts and their parts, armed vehicles, and arms and ammunitions.
- ▶ Aerospace is the design and manufacture of aircraft, rockets, missiles, and spacecraft that operate in the space while defence equipment refers to weapons, arms and equipment used by military.

LEADING AEROSPACE AND DEFENCE MANUFACTURERS WORLDWIDE IN 2021



A LOOK AT THE GLOBAL PLAYERS IN THE A&D MARKET

The United States



Lockheed Martin F-22 Raptor



Russia



Mikoyan MiG-31



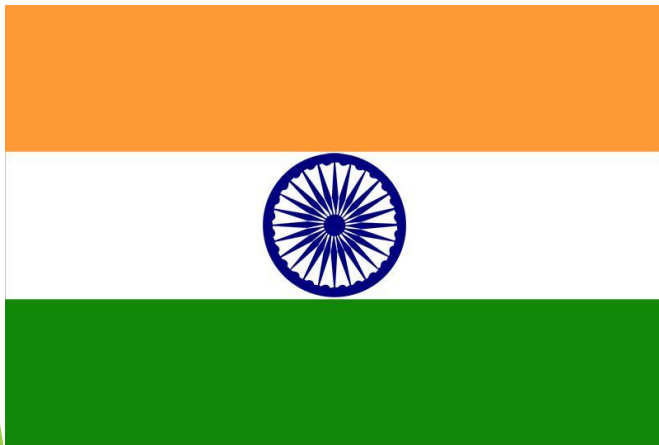
People's Republic of China



Mikoyan-Gurevich MiG-15



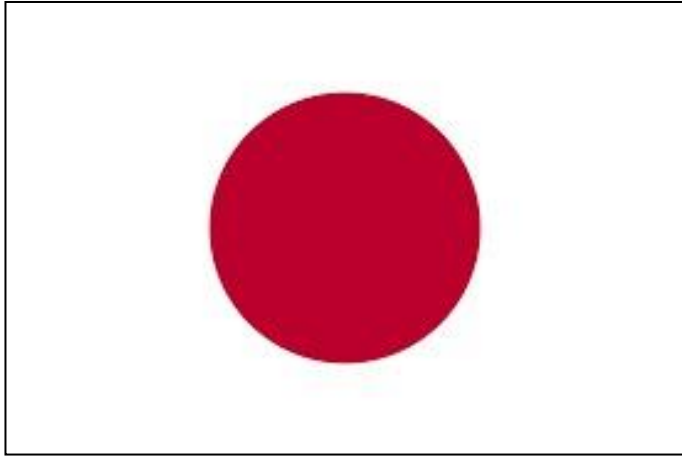
India



Tejas – Mk. 1



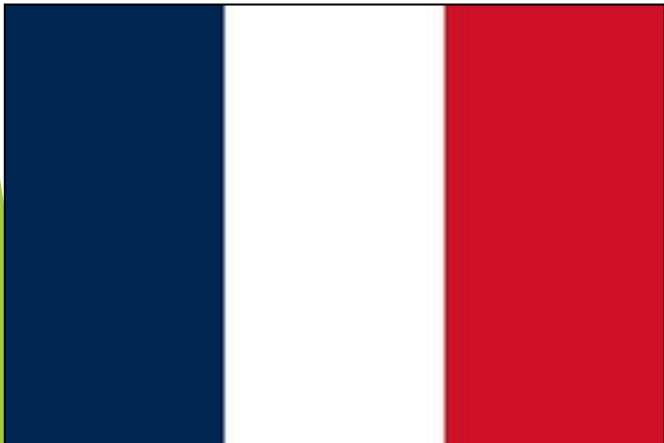
Japan



Kawasaki Ki-100



France



Dassault Rafale



INDIAN AEROSPACE AND DEFENCE INDUSTRY – AN OVERVIEW

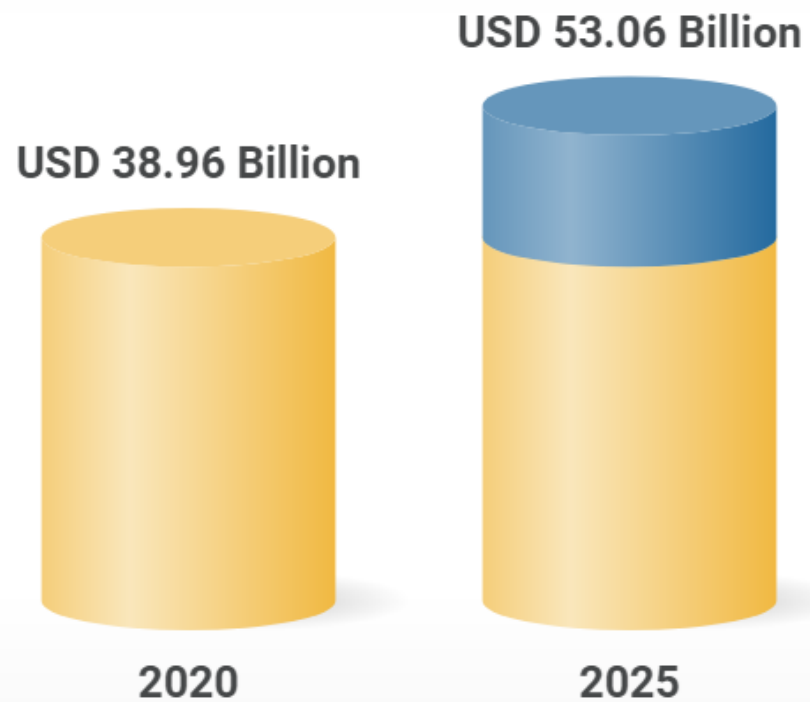
The Indian aerospace & defence (A&D) market is projected to reach ~US\$ 70 billion by 2030, driven by the burgeoning demand for advanced infrastructure and government thrust.

Opportunities

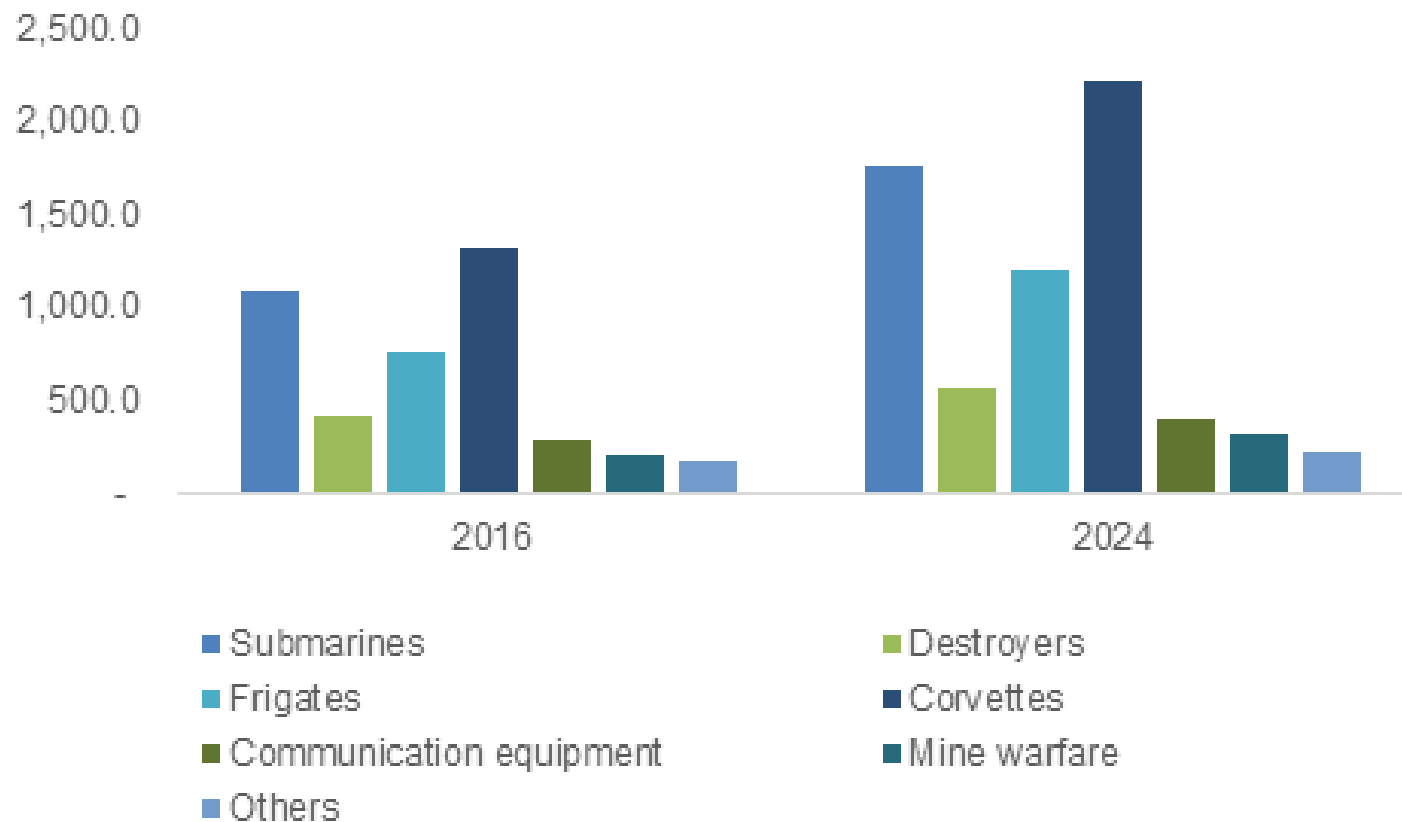
- ▶ *Strong industry support*
- ▶ *Rising initiatives by industry players*
- ▶ *Cost-effective environment*

INDIAN AEROSPACE AND DEFENCE MARKET

Market forecast to grow at a CAGR of 6.4%



INDIAN AEROSPACE AND DEFENCE INDUSTRY MARKET SIZE 2016 & 2024



Aerospace & Defence 4.0

Aerospace & Defence 4.0 is the application of the Industry 4.0 technologies in the A&D industry for developing new cost-effective products and services, making existing products smarter using sensors and connectivity, and leveraging advanced manufacturing processes such as additive manufacturing, among other objectives.

What is 'Create in India'...

This government initiative is intended to boost the domestic manufacturing sector and augment foreign investment in the country.

Most of the elements that make up a successful A&D manufacturing ecosystem are already present in India. This sector is critical from the perspective of national security and the government's goal to develop a high degree of self-reliance provides an excellent opportunity to build and/or scale up an industrial base centred on manufacturing.

Make in India and The Aerospace Industry



