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आज़ादी का  
अमृत महोत्सव



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**Aerospace & Defence**

# MADHYA PRADESH THE FUTURE READY STATE



# Global Scenario

- ▶ The world's military expenditure totalled USD 2.1 trillion in 2021, marking the 7th year in a row of increased global military spending
- ▶ The five largest spenders in 2021 were United States, China, India, United Kingdom and Russia, together accounting for 62% of expenditure
- ▶ US and China alone accounted for 52% of the expenditure in the world's total military spending
- ▶ The United States, spent USD 801 billion to make up almost 38% of global military spending in 2021
- ▶ India is positioned as the 3rd largest military spender in the world, with its defence budget accounting for 2.15% of the country's total GDP
- ▶ Russia - Ukraine war crises has resulted in defence industries looking for relocation, with India as an attractive destination



\* Source: Stockholm International Peace Research Institute (SIPRI)

# Indian Scenario

## Defence Manufacturing

1 of the 25 sectors under Make in India & Atmanirbhar Bharat

**2<sup>nd</sup>**

Largest armed forces in the world

**11%**

Share in global arms imports 2017-21

**3.7%**

Armed forces in the world

**11.63 Bn**

USD Defence exports (2021-22)

- ▶ India's current defence budget for 2022-23 stands at USD 70.6 Bn
- ▶ 68% of capital procurement budget in FY 2022-23 earmarked for domestic industry
- ▶ India targeting Indigenous Defence Production of USD 25 Bn by 2025
- ▶ Major drive from the Indian Government to have indigenous Strategic Raw Material Production
- ▶ Fleet modernization of USD 130 Bn planned across all armed services
- ▶ Defence industry base of over 8,000 MSMEs strengthens defence supply chain providing opportunities for JVs

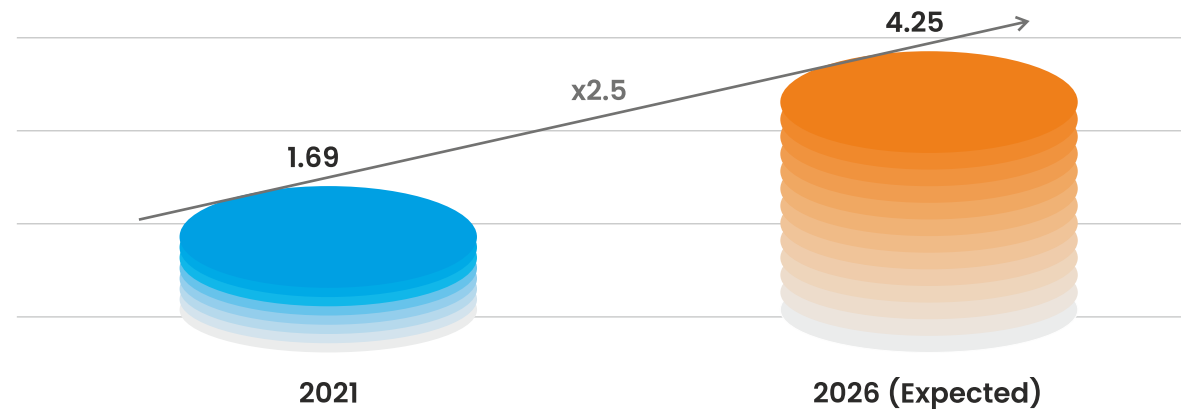
# Indian Scenario

## Export

- ▶ India recorded highest ever defence exports in the year 2021-22
- ▶ India accounts for 0.17% of global arms exports
- ▶ Over 30 Indian defence companies have exported arms and equipment to countries like Italy, Maldives, Sri Lanka, Russia, France
- ▶ The exports include personal protective items, defence electronics systems, mechanical equipment, offshore patrol vessels, advanced light helicopters, avionics suits, radio and radar systems

## Import

- ▶ India was the largest importer of weapons in the year 2021-22
- ▶ Compared to 2012-16, the 2017-21 period saw imports falling by 21%



Strategic Raw Material imports in USD Bn





# Madhya Pradesh Scenario

## Advantage Madhya Pradesh

- ▶ Strategically located away from international borders – critical for defence equipment manufacturing
- ▶ Excellent connectivity with rest of the country & equidistant from all major ports
- ▶ Major producer of raw materials

▶ Diamond

▶ Limestone

▶ Manganese ore

▶ Palladium

▶ Bauxite

▶ Copper ore

▶ Dolomite

▶ Platinum

▶ Pyrophyllite

▶ Diaspore

▶ Cotton

▶ Thorium

▶ Rock Phosphate

▶ Ochre (Ferric Oxide)

▶ Molybdenum ore

▶ Uranium

- ▶ Gwalior Industrial Belt – MP's gateway to the north is close to UP Defence Corridor with Agra located ~ 100 Kms
- ▶ Vast Industrial Land Bank of more than 1.25 Lakh acres and online GIS based land booking system
- ▶ Industry Ready Ecosystem with 96 developed and developing industrial areas



# Madhya Pradesh Defence Related Establishments

## ● GWALIOR ★ ▲

- ▶ Maharajpur Airforce Station
- ▶ Defence Research Development Establishment
- ▶ PLR Systems (Adani Defence) (Small arms, ammunition)
- ▶ Drone School
- ▶ Electronic Warfare Range

## ● BHOPAL ★

- ▶ HQ Sudarshan Chakra Corps
- ▶ CRPF Group Centre
- ▶ CSIR-Advanced Materials Research Institute
- ▶ Rare Earth and Titanium Theme Park

## ● PITHAMPUR ▲

- ▶ Mittal Appliances (Ammunition Casings)

## ● ITARSI ●

- ▶ **Ordinance Factory** (Propellants for domestic missile systems)
- ▶ **Central Proof Establishment** (Quality Assurance Services for Arms, Ammunitions & Equipment)

## ● JABALPUR ●

- ▶ **Ordinance Factory, Khamaria** (Ammunition components)
- ▶ **Vehicle Factory Jabalpur** (Military Motor Vehicles)
- ▶ **Grey Iron Foundry** (Automobile & Defence castings of grenades/bombs)
- ▶ **Gun Carriage Factory** (Armaments and weapons)

## ★ BABINA ●

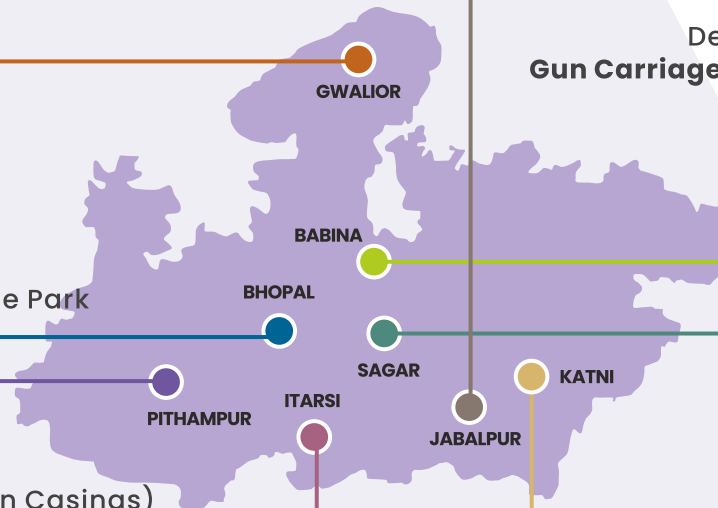
- ▶ Field Firing Ranges (Tanks and Artillery)

## ★ SAGAR ●

- ▶ IHQ 36 Infantry Division
- ▶ IMahar Regimental Centre
- ▶ Field Firing range

## ● KATNI ●

- ▶ **Ordinance Factory** (Alloys for ammunition and cartridges)



★ Armed Forces & CAPF

● Defence PSU

▲ Private Manufacturing Facility



# Madhya Pradesh Institutional Ecosystem



Skilled manpower availability-Defence and heavy engineering companies and their suppliers have been operating in the state for over 40 years



National Accreditation board certified testing laboratories are available for private players in Katni and Jabalpur



More than 2 Lakh students graduate every year from various ITIs, Engineering and Management colleges



Other Prestigious Institutes in Madhya Pradesh – IIM Indore, IIT Indore, MANIT Bhopal, CIPET Bhopal, IITDM Jabalpur, IIITM Gwalior, IISER Bhopal, NID Bhopal, RRCAT Indore



## **Mhow**

- › Army War College
- › Infantry School
- › Military College of Telecommunications

## **Jabalpur**

- › Army Ordnance Corp School
- › Signal Training Center
- › College of Materials Management

## **Sagar**

- › Army Education Corps School

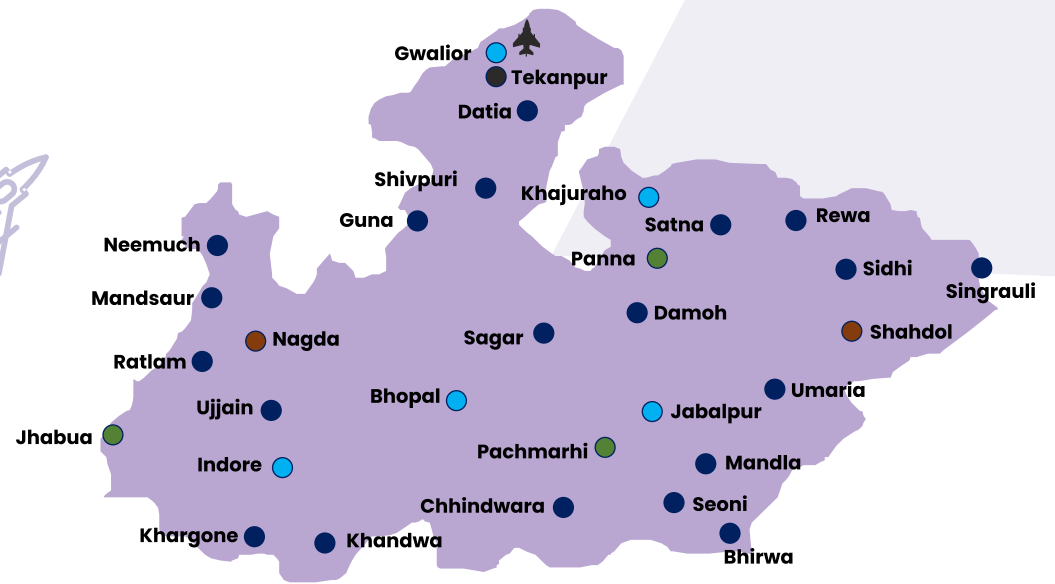
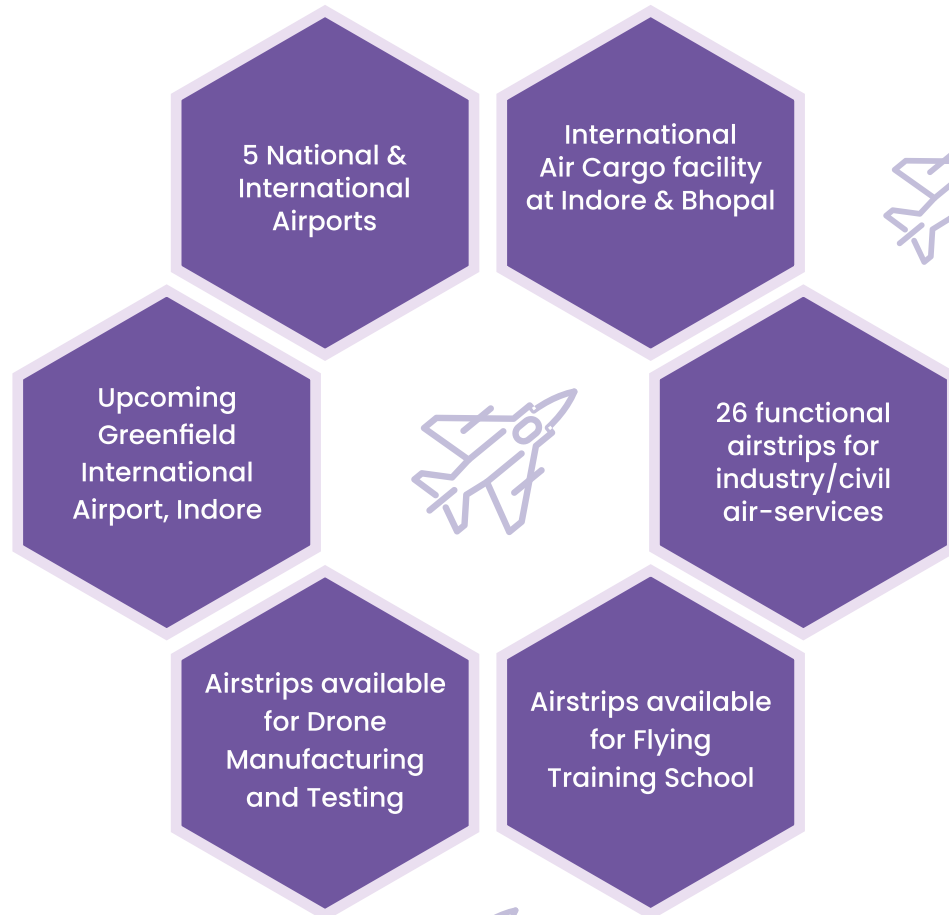
## **Gwalior**

- › CRPF Training College
- › Tactics and Air Combat Development Establishment (TACDE)

## **Panchmari**

- › Army Education Corps

# Madhya Pradesh Airports and Airstrips



- International and Domestic Airports
- Government owned Airstrips
- Kuccha Airstrips for helicopters/air-taxi services
- Private airfield in Madhya Pradesh
- ✈ Airforce station



# Madhya Pradesh Immense Opportunities

Available infrastructure  
to boost regional  
connectivity

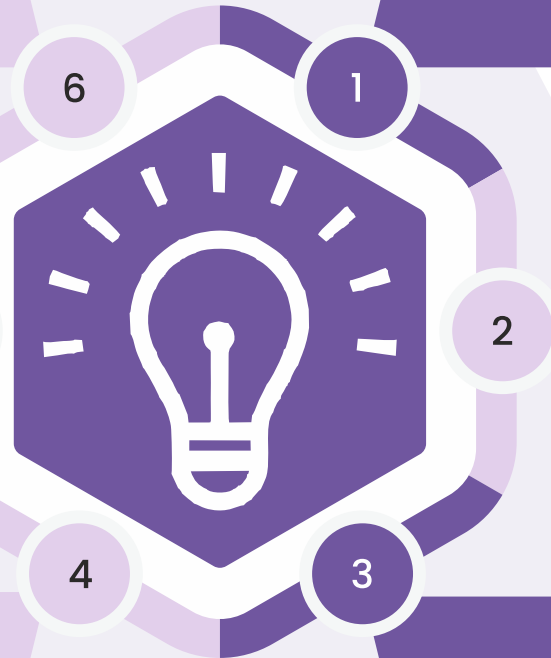
Development &  
production of critical  
defence equipment

Availability of airfields  
for Flying Training  
Organization & MRO

Requirement of spares  
by defence units under  
indigenization scheme

Only 4% VAT of  
Aviation Turbine Fuel

MP as "National Strategic  
Raw Material Hub"





# Conducive Industrial Promotion Policy



## Investment Promotion Assistance

Tax delinked investment assistance upto 40% of investment in plant and machinery



## Incentive on Employment generation

Upto 1.5 times



## Benefits to Export Oriented Units

Upto 1.2 times



## Infrastructure Development Assistance

For creating power, water and approach road



## Green Industrialization Assistance

For establishing Waste Management Systems like ETP, STP, ZLD, etc.



## Power & Electricity duty

Provision for Power Tariff Rebates and Electricity Duty Exemptions



## Patent

Reimbursement of Patent charges



## Employment Assistance

Incentives on offering employment to person with disabilities



## Customized package

Available for investments for all mega scale industrial units

Special Incentive Package available for Aerospace and Defence industries





## Contact Us

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