

Be a Proud Investor in the first-ever **Defence Fund** Presenting HDFC Defence Fund

(An open-ended equity scheme investing in Defence & allied sector companies) For product labelling & riskometer refer page 34



PROSPERITY COMES FROM INVESTING IN PEACE

NFO Period: 19th May to 2nd June 2023



Key themes - Defence space





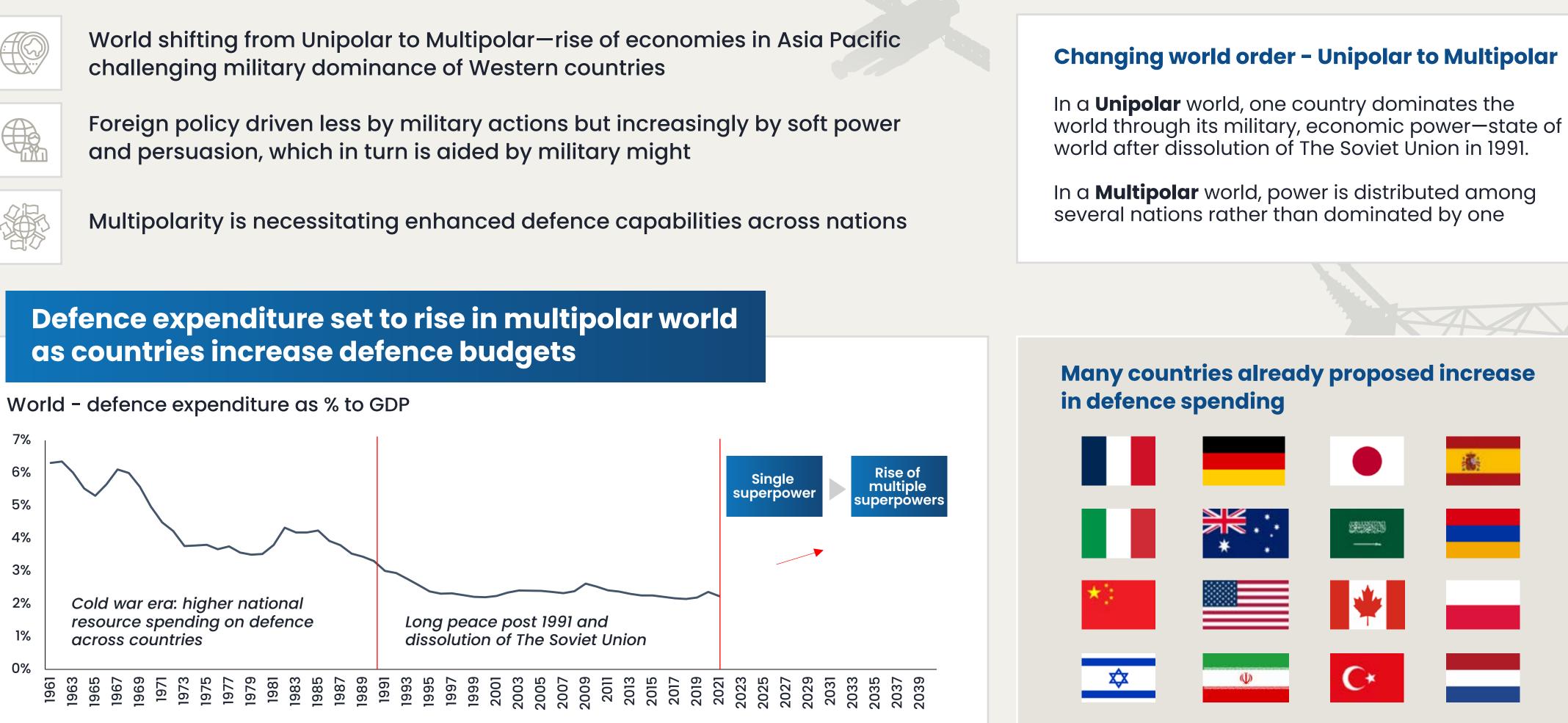
Changing landscape in multipolar world: Global defence spending to increase



challenging military dominance of Western countries







Source: World Bank, Media reports Refer disclaimer on page 35





Defence spending of large countries in range of 2-4% of GDP and increases in sync with nominal GDP

(US\$bn)	1995	2000	2005	2010	2017	2018	2019	2020	2021
Defence expenditure by cour	ntries*								
USA	296	320	533	738	647	682	734	778	801
China	12	22	43	106	210	233	240	258	293
India	10	14	23	46	65	66	71	73	77
% of GDP									
USA	3.9%	3.1%	4.1%	4.9%	3.3%	3.3%	3.4%	3.7%	3.5%
China	1.7%	1.8%	1.9%	1.7%	1.7%	1.7%	1.7%	1.8%	1.7%
India	2.7%	2.9%	2.8%	2.9%	2.4%	2.5%	2.5%	2.7%	2.4%

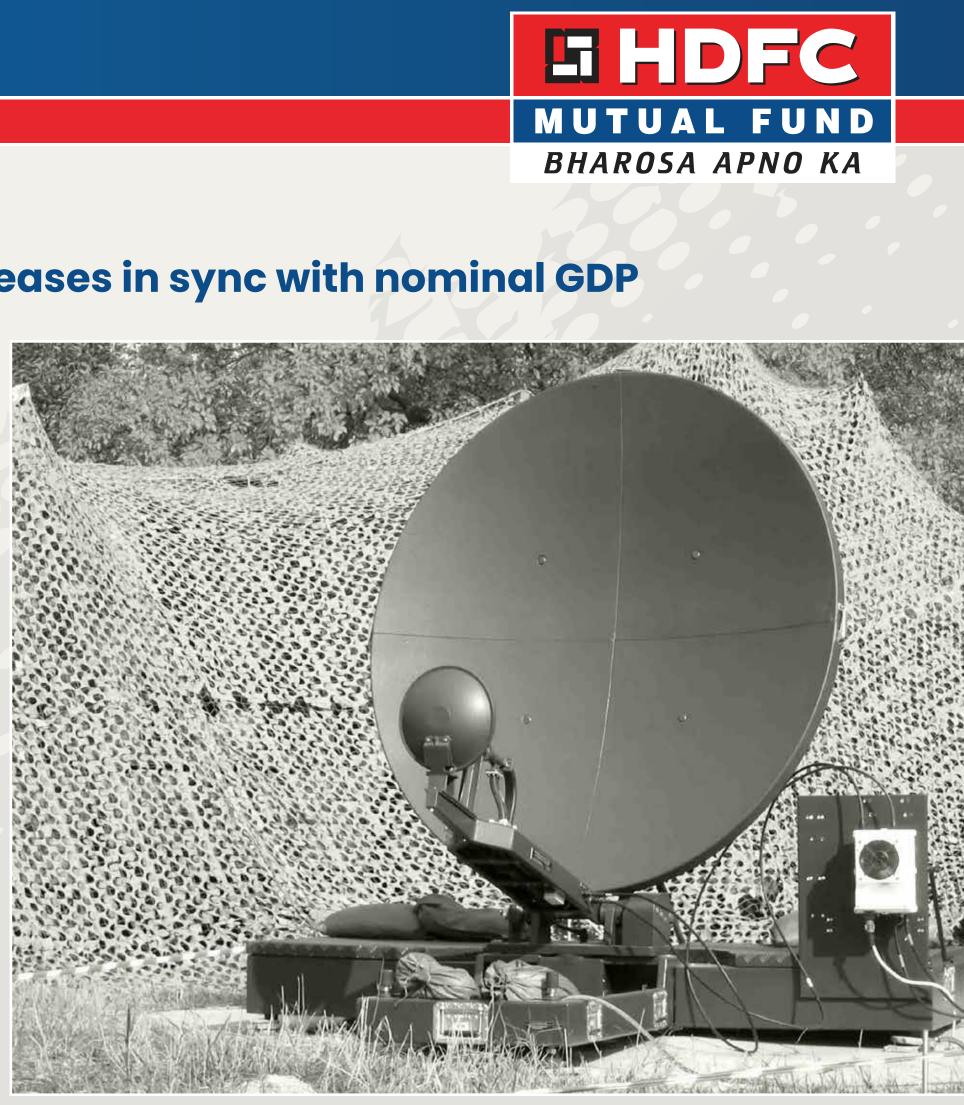
- Economic growth and geo-political developments fuel growth in defence expenditure
- India's defence spends is among top 5 nations globally, and has been ~2.5-3% of GDP
- USA and China spend ~10X and ~4X when compared to India's defence expenditure
- Recent geopolitical events reinforced the need across nations to keep-up with defence capability of other powers

Countries' defence spends in sync with nominal GDP growth and to keep-up with defence capabilities of peers

Source: World Bank data

*Figures are in current prices, converted at the exchange rate for the given year Refer disclaimer on page 35







आत्मनिर्भरता (Self reliance): To boost import substitution and exports

Why is self reliance important?

India was the largest arms importer over 2018-2022 accounting for 11% of global imports	Se
Reduced dependence on other countries for equipment upgrades and improvements	Cr
Supports R&D focus and capacity building of Indian companies	Тс
Importance of self reliance for arm supplies amplifies during times of conflict	Tc

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elf reliance will reduce current account deficit

- ritical for defence readiness
- o aid export growth
- o defend during long conflicts, own vendor ecosystem a must







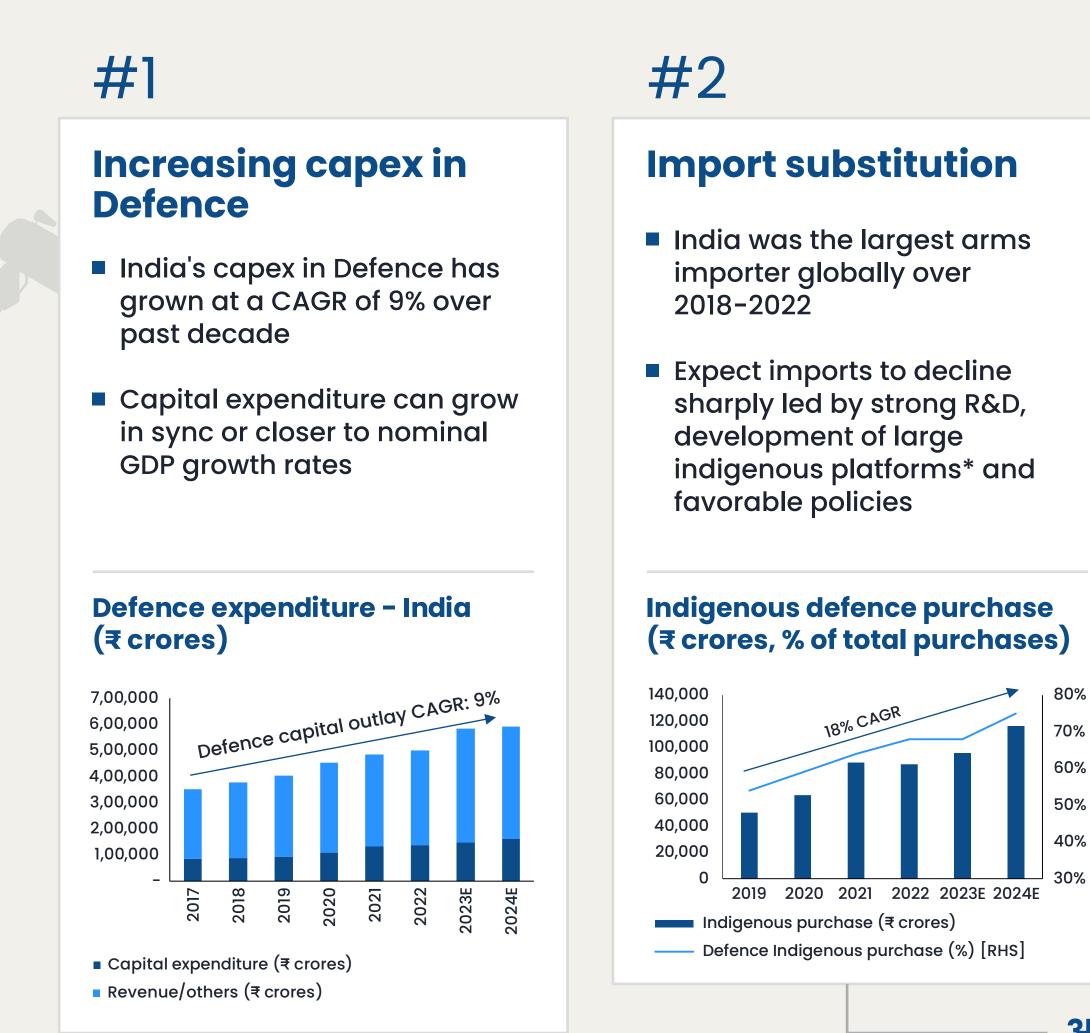
Indian Defence Space Multiple growth drivers with long runway







India defence sector - multiple growth drivers with long runway



Source: Budget documents, World Bank data, Ministry of Defence, PIB, Capitaline *A Defence platform is the base on which capabilities or weapon systems can be built or attached Refer disclaimer on page 35

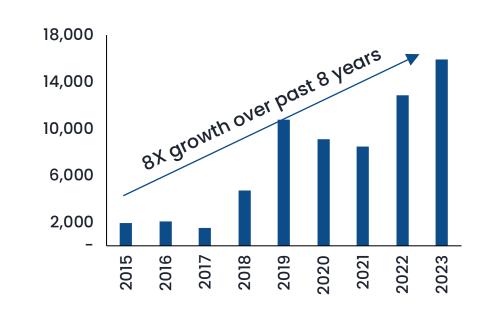


#3

Export growth

- India's defence exports increased 8X over 8 years but is still a low share of global defence trade
- Strong levers for export growth led by development of large indigenous platforms*

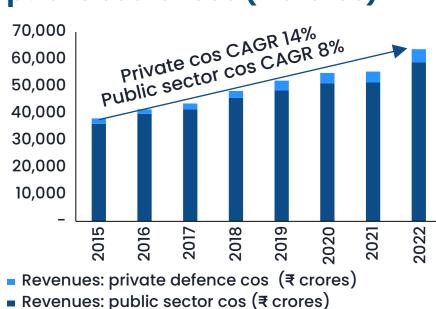
India's Defence exports (₹ crores)



#4

Growth of defence ecosystem

- Development of defence vendor ecosystem aiding higher value capture within country
- Emergence of private companies, which are investing in technology with high growth potential



Revenues: private defence and public sector cos (₹ crores)

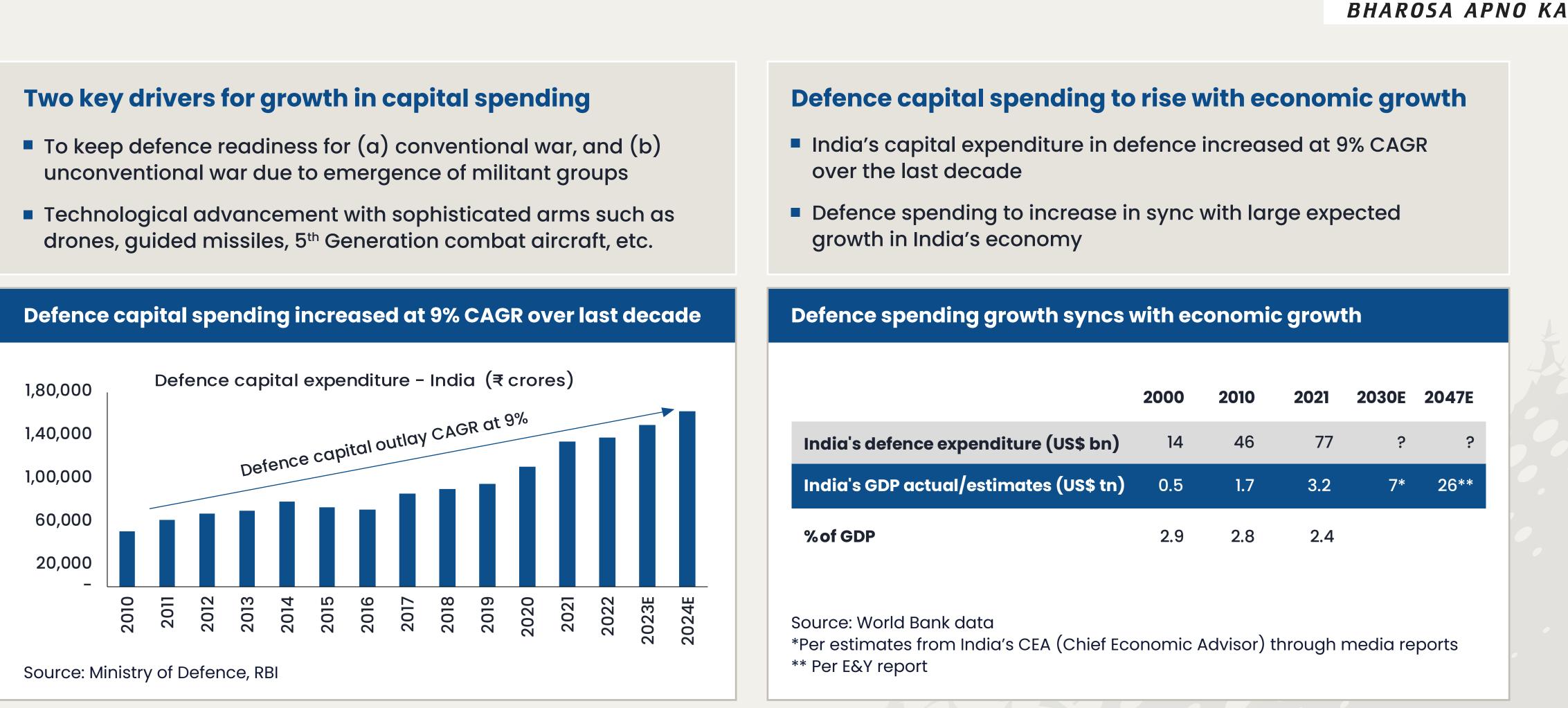
आत्मनिर्भरता: Self reliance fueling growth





Growth driver #1: Geopolitical situation, modernization to drive increased defence capital spending

- unconventional war due to emergence of militant groups
- drones, guided missiles, 5th Generation combat aircraft, etc.



Indian defence spends over long term to grow in sync with nominal GDP growth

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08

India's defence readiness – critical to peace, prosperity and social well-being

Geo-political situation and need to protect borders, a necessity for citizen's well being



Weak defence capabilities: citizens of such countries suffer

- Countries with weak defence capabilities have seen rise in conflict, unemployment, poverty besides war fatalities
- As per World Bank report, >50% of world's poor are living in Fragile and Conflict affected situations (FCS)

Source: World Bank report: Fragility and Conflict

Defence is a critical feature of India's overall planning and fiscal expenditure

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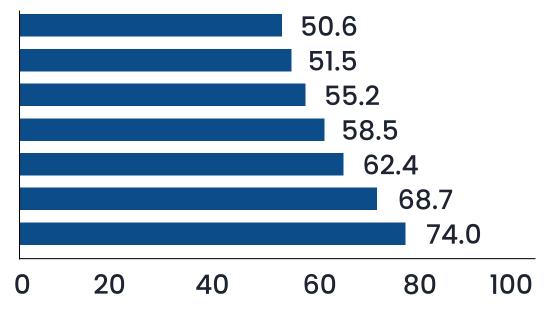




Most people living in Fragile and Conflict situations (FCS) doubt that things will get better

% of people believing standard of life getting better is lower in economies in FCS

Economies in FCS Europe and Central Asia Sub-Saharan Africa Middle East and North Africa Latin America and the Caibbean South Asia East Asia and Pacific

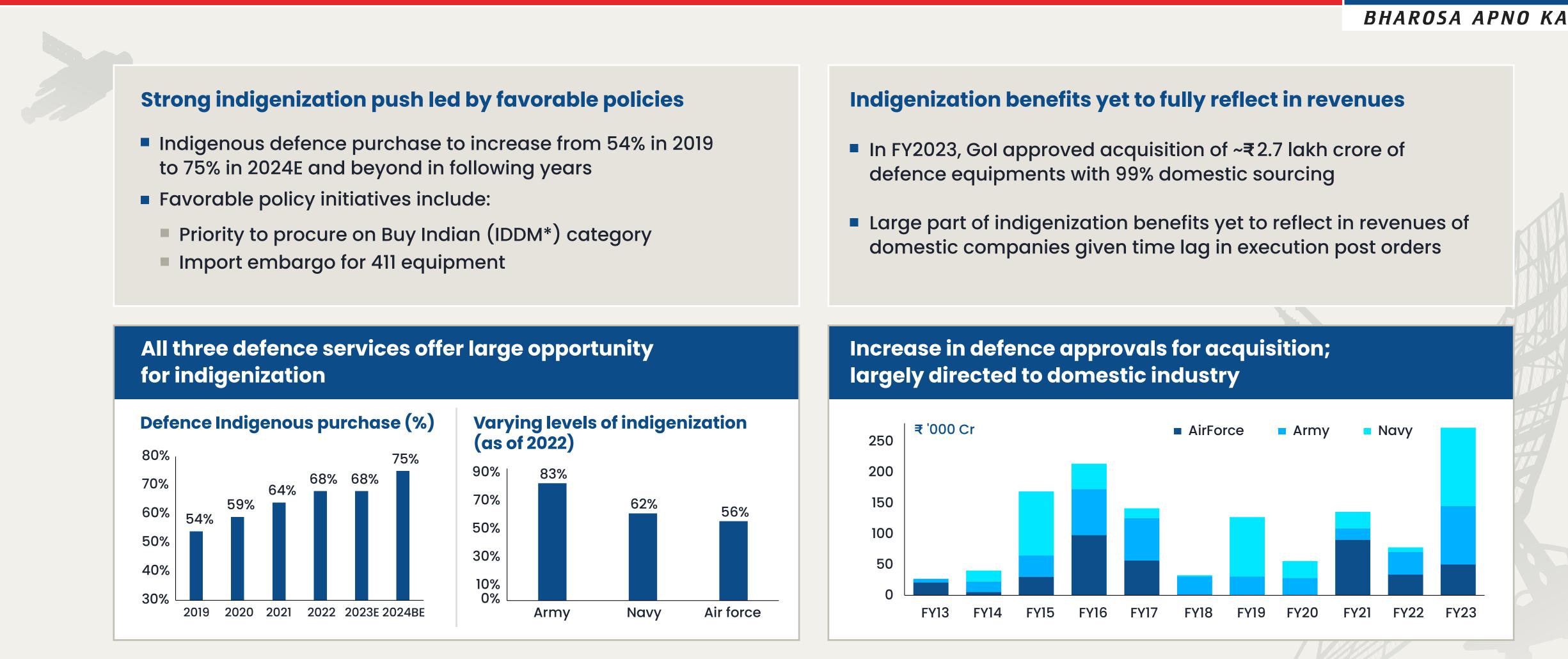


Source: Gallup World Poll 2016.





Growth driver #2: Import substitution a major boost to defence manufacturing



Source: Ministry of Defence, PIB, Standing Committee on Defence: report, CLSA *IDDM: Indigenously Designed, Developed and Manufactured Refer disclaimer on page 35





Defence sector evolution: Current policies favouring self-reliance

1947-1962	1962-1985	1985-2
 Legacy equipment from British era Overseas procurement Idea of self sufficiency was born 	<section-header></section-header>	 Defe acqu large from such Frand Inition R&D,

Refer disclaimer on page 35



-2000

ence uisitions of e platforms n countries h as Russia, nce, etc.

atives for ne production, , etc.

Defence sector has evolved towards policies supporting domestic manufacturing

CURRENT SCENARIO

- Banned imports of 411 items
- Allowed 100% private participation
- 74% FDI in defence
- Focus on Make in India based on decades of R&D
- Defence Industrial corridors
- Actively pursuing export opportunities with many countries
- Listing of 6 private and 5 PSU companies since 2018 representing 54% of the current investible universe

Favourable policies such as positive indigenization list paves way for a vibrant investment opportunity







Indigenization success largely led by heightened R&D focus

R&D successes core to indigenization beside Transfer of Technology

- Large defence imports in past due to slow pick up in Defence platform* manufacturing
- India's defence R&D led by DRDO whose 40+ years of R&D has culminated into large technological advancements
- After indigenizing missiles (1983-2008), aircraft carriers (1999-2009), submarines (1997-2005) and howitzers (2017), India to focus on combat aircraft and helicopters

Early successes in indigenization led by R&D and Transfer of Technologies

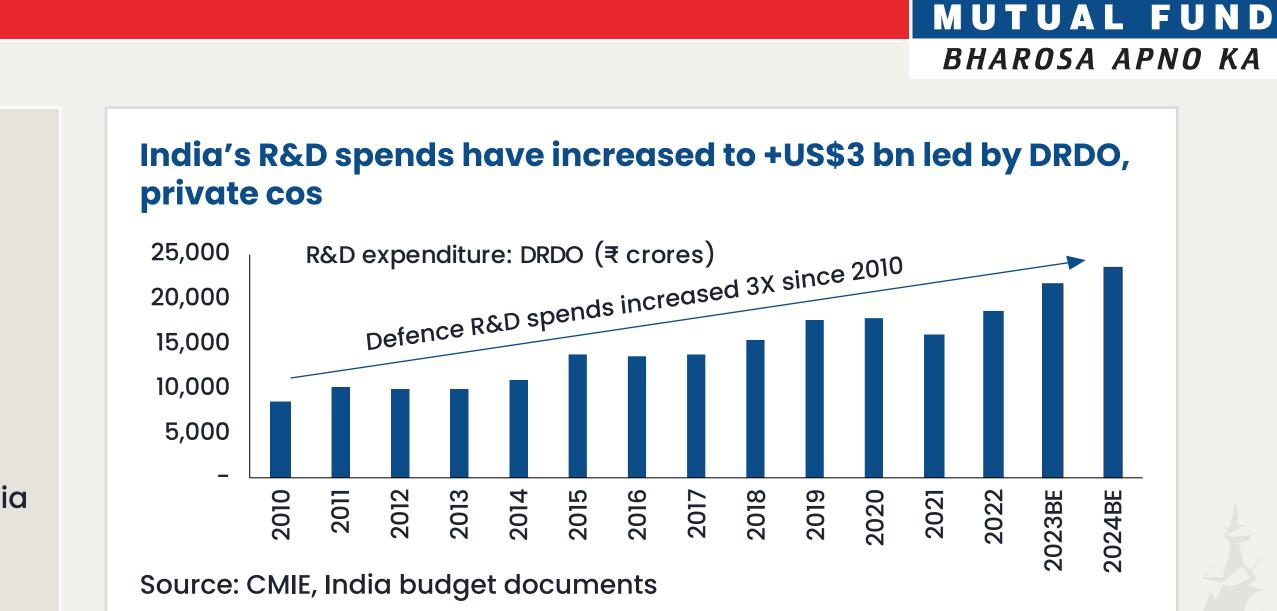
Aircraft carriers (1999-2009)

Submarines (1997-2005)





DRDO : Defence Research & Development Organisation, Source: PIB, CLSA, Budget documents *A Defence platform is the base on which capabilities or weapon systems can be built or attached Refer disclaimer on page 35



Howitzers (2017)









Source: Ministry of Defence, PIB, Company annual reports Refer disclaimer on page 35

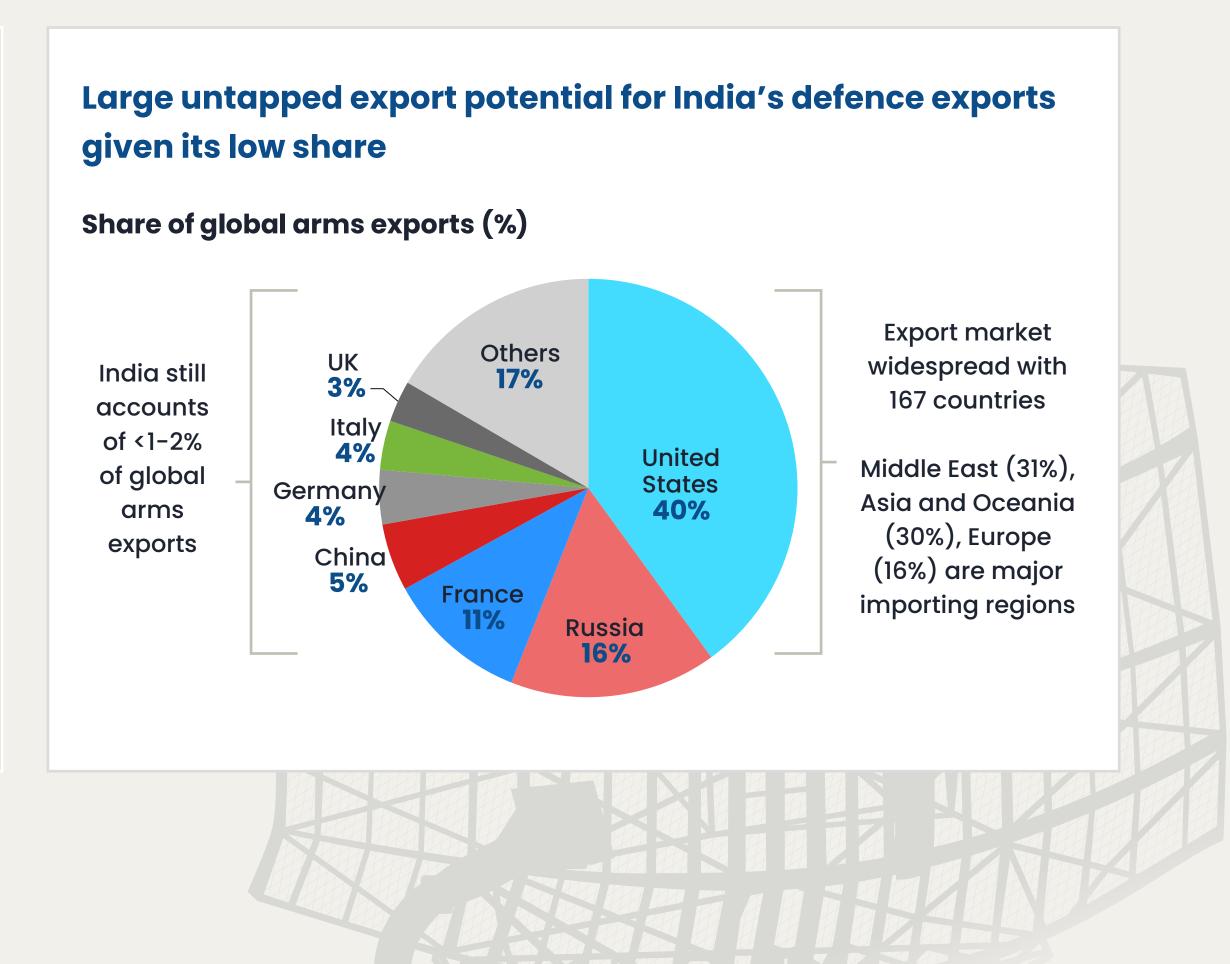








Source: Ministry of Defence, PIB, World Bank Refer disclaimer on page 35







Growth driver #4: Self-reliance aiding development of large defence ecosystem with private participation

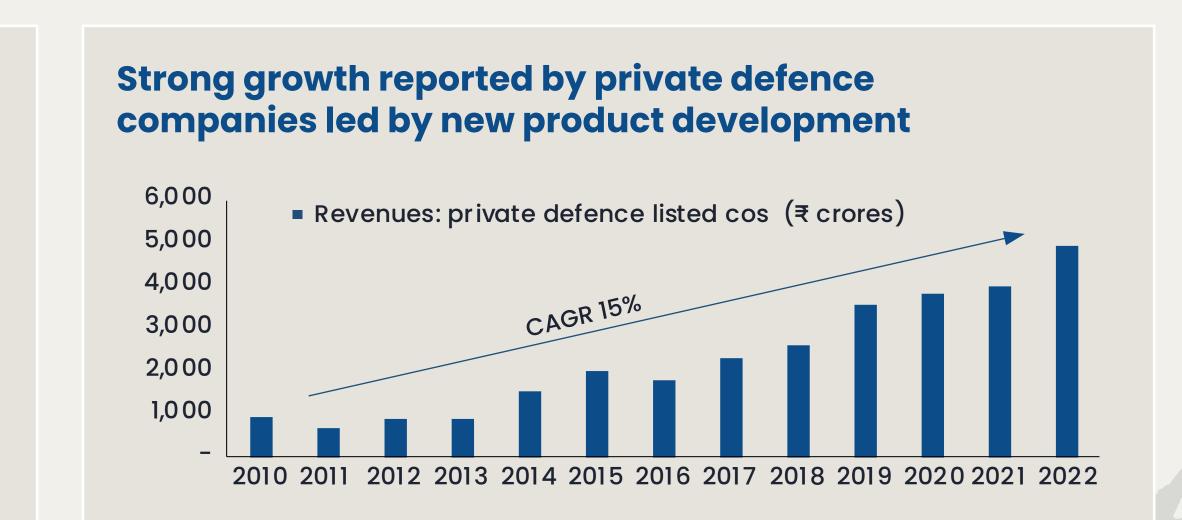
Development of defence ecosystem aids higher value addition

- Defence ecosystem is key to self-reliance so a country is not dependent on imports for critical components and sub-components
- Development of vendor ecosystem aiding emergence of private companies—11 such companies listed in last few years
- Private companies actively pursuing R&D and their products replacing imports of components used in large platforms

A sample list of electronic solutions designed/developed by private defence companies



Source: Investor presentation of relevant companies, Capitaline, Standing Committee on Defence report Refer disclaimer on page 35



Reliance on imports is declining with larger domestic vendor base

Import content (%)	FY2016	FY2017	FY2018	FY2019	FY2020
Defence PSU1	47	44	38	34	35
Defence PSU 2	24	26	22	24	27
Defence PSU 3	13	8	8	13	10
Defence PSU 4	13	8	10	6	7
Defence PSU 5	23	22	19	25	20







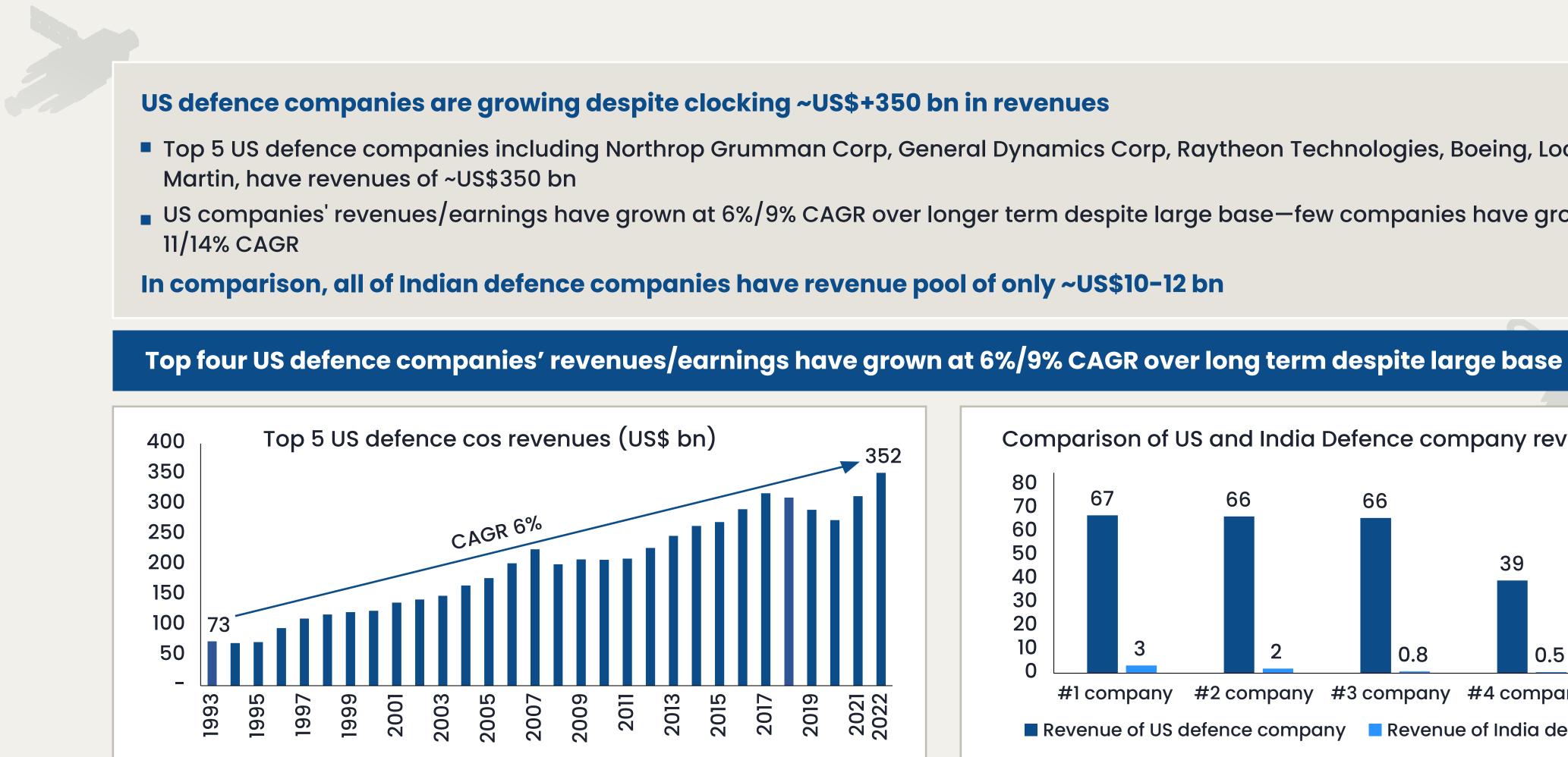
Key case studies







Indian defence companies: Long runway for growth



Source: Bloomberg, Company data Refer disclaimer on page 35





- Top 5 US defence companies including Northrop Grumman Corp, General Dynamics Corp, Raytheon Technologies, Boeing, Lockheed
- US companies' revenues/earnings have grown at 6%/9% CAGR over longer term despite large base—few companies have grown at

Comparison of US and India Defence company revenues (US\$bn) 80 67 66 66 70 60 50 39 36 40 30 20 10 2 0.8 0.5 0.4 0 #2 company #3 company #4 company #5 company #1 company Revenue of US defence company Revenue of India defence company



Case study in Indigenizing #1: Helicopters

Indigenously developed Light Combat Helicopter (LCH)



Helicopters indigenization is success story for India with advanced capabilities and cost competitiveness

- Light Combat Helicopter (Prachand) is a multi-role light attack helicopter indigenously designed and manufactured with highest flight ceiling among attack helicopters
- LCH compares well with other similar established helicopters but has a much lower price tag
- India's own old fleet of Combat Helicopters likely to be replaced by Prachand
- India actively pursuing export opportunities for LCH—India already started exports of another Advanced Light Helicopter (ALH)

Source: Ministry of Defence, Standing Committee on Defence report, Company data, CLSA Refer disclaimer on page 35





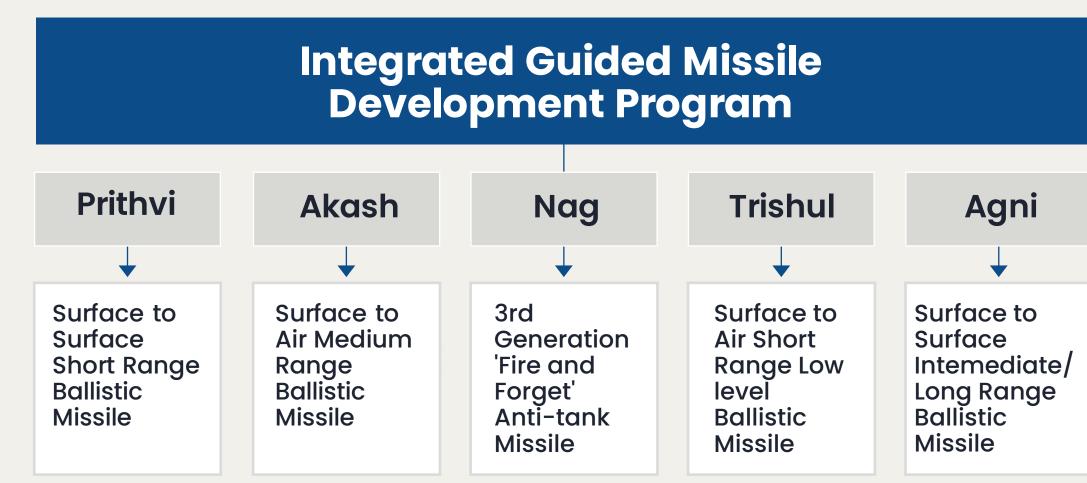
	India's Light Combat Helicopter US's Apache and has lower price		with
	HAL's LCH versus Apache comparison		
		LCH	Apache
	Service ceiling (mtr)	6500	6100
	Range (kms)	550	476
	Main rotor diameter (mtr)	13.2	14.6
	Length (mtr)	15.8	17.7
-	Height (mtr)	4.7	3.9
	Max speed (kmph)	268	293
	Max take-off weight (kg)	5800	10433
	Price (US\$ mn)	20-24	40-54





Case study in Indigenizing #2: Missile shield

India indigenously developed 5 integrated guided **missiles over 1983-2008**



Aakash Weapon System -\$1.1bn order in March 2023 for domestic companies

Aatmanirbhar Bharat: MoD inks over ₹ 9,100 crore contracts for improved Akash Weapon System & Weapon Locating Radars Swathi (Plains) for Indian Army

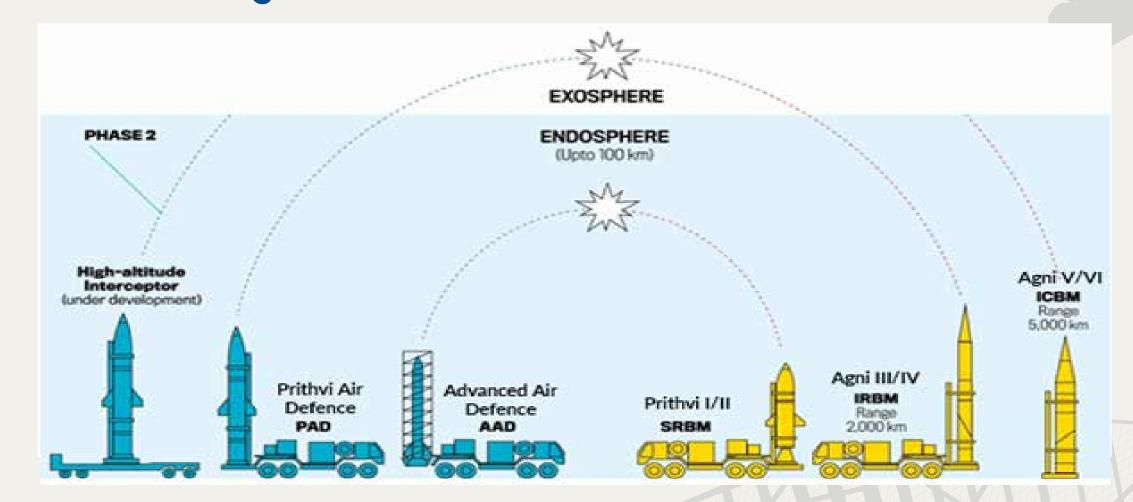
Posted On: 30 MAR 2023 7:28 PM by PIB Delhi

Source: PIB, CLSA Refer disclaimer on page 35



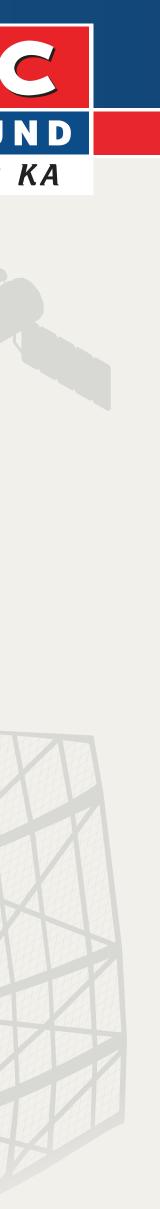


Indigenous development: Indian Ballistic Missile **Defence Program**



Indigenous missile development success-Quick Reaction Surface-to-Air Missile presents a large ordering opportunity for Indian companies







Light Combat Aircraft (LCA) Tejas Mk 1A already being inducted in Indian Air Force



Source: Ministry of Defence, Standing Committee on Defence report, CLSA ADA: Aeronautical Development Agency

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Light Combat Aircraft (LCA) Tejas Mk 1A already being inducted in Indian Air Force

- India's fighter aircraft indigenization is a culmination of 4 decades of R&D
- LCA Mk-1A is a 4+ generation Light Combat Aircraft developed by ADA, HAL & >200 defence labs across the country
- Indian Air Force ordered 83 aircraft in 2021 after 40 aircraft ordered earlier in previous configuration
- India actively pursuing export opportunities for LCA Tejas



Presenting HDFC Defence Fund

An open ended equity scheme investing in Defence & allied sector companies







Portfolio Strategy

$\mathcal{G} \subset \mathcal{G}$	

Bottom-up approach of portfolio construction with deep understanding of the defence ecosystem



Core of portfolio (>80%) will be listed companies that obtain at least 10% of revenues from defence segment within:

- Stocks in AMFI Industry classification of Aerospace & Defence, Explosives, Ship Building & Allied Services
- Stocks present on SIDM (Society of Indian Defence Manufacturers) list
- Stocks from any other defence & allied sectors as per benchmark's criteria (Nifty India Defence Index)



Focus on growth and quality at reasonable valuations



Investment across large, mid and small caps



Benchmark–Nifty India Defence Index TRI (Total Returns Index)







Investible universe by market cap

Particulars	By count	By market cap (₹ crores)		
Total	21 299,476 10		100%	
Of which:				
Largecap	2	177,253	59%	
Midcap	1	34,775	13%	
Smallcap	18	87,447	28%	
Of which:				
Public Sector Companies	8	234846	78%	
Private Sector companies	13	64629	22%	

Data as of 4th May 2023 Source: Bloomberg, Company data

For more details on the investible universe, please refer slide 33 Refer disclaimer on page 35



Investible universe should expand as more companies get listed/obtain >10% revenue share from defence





Benchmark highlights

Particulars	Nifty India Defence Index	Nifty50 Index
Beta	0.94	1.00
Price to Earnings (trailing 12m)	26.8	20.9
Price to Book (trailing 12m)	6.2	4.2
EPS growth (FY18-22) CAGR%	17.5	12.9
Dividend yield	1.08	1.38
Returns:		
1Y	48.9	6.9
3Y (CAGR%)	63.4	23.7
5Y (CAGR%)	19.9	12.3

Source: MFI Explorer, Niftyindices.com, Capitaline, Kotak Institutional Equities. Data as on 28th April 2023 Past performance may or may not be sustained in future. HDFC AMC/MF is not guaranteeing any returns on investments

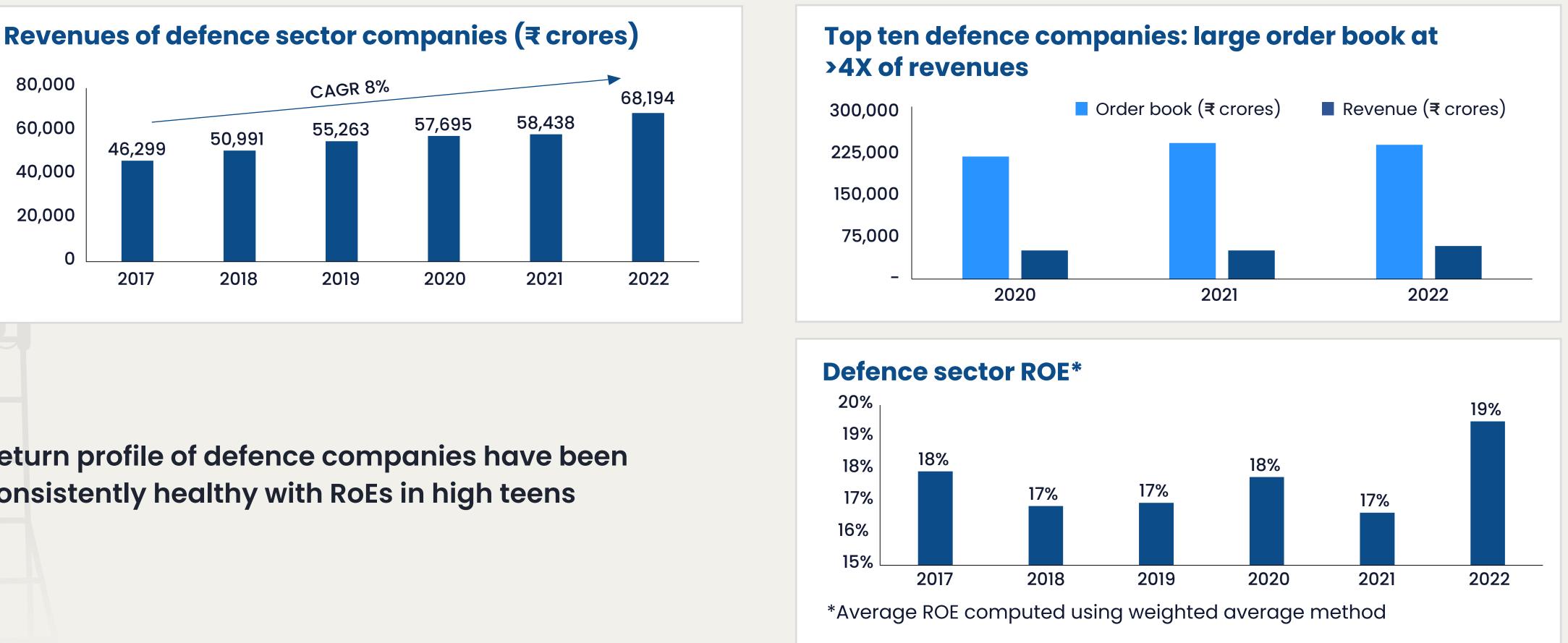






Universe fundamentals: Strong revenue growth and RoE profile

Defence companies reported healthy growth in revenues even though material benefit of indigenization, exports yet to be realized



Return profile of defence companies have been consistently healthy with RoEs in high teens

Source: Company annual reports, Ministry of Defence Refer disclaimer on page 35 Past performance may or may not be sustained in future. HDFC AMC/MF is not guaranteeing any returns on investments

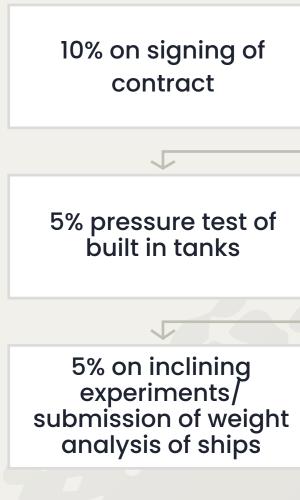




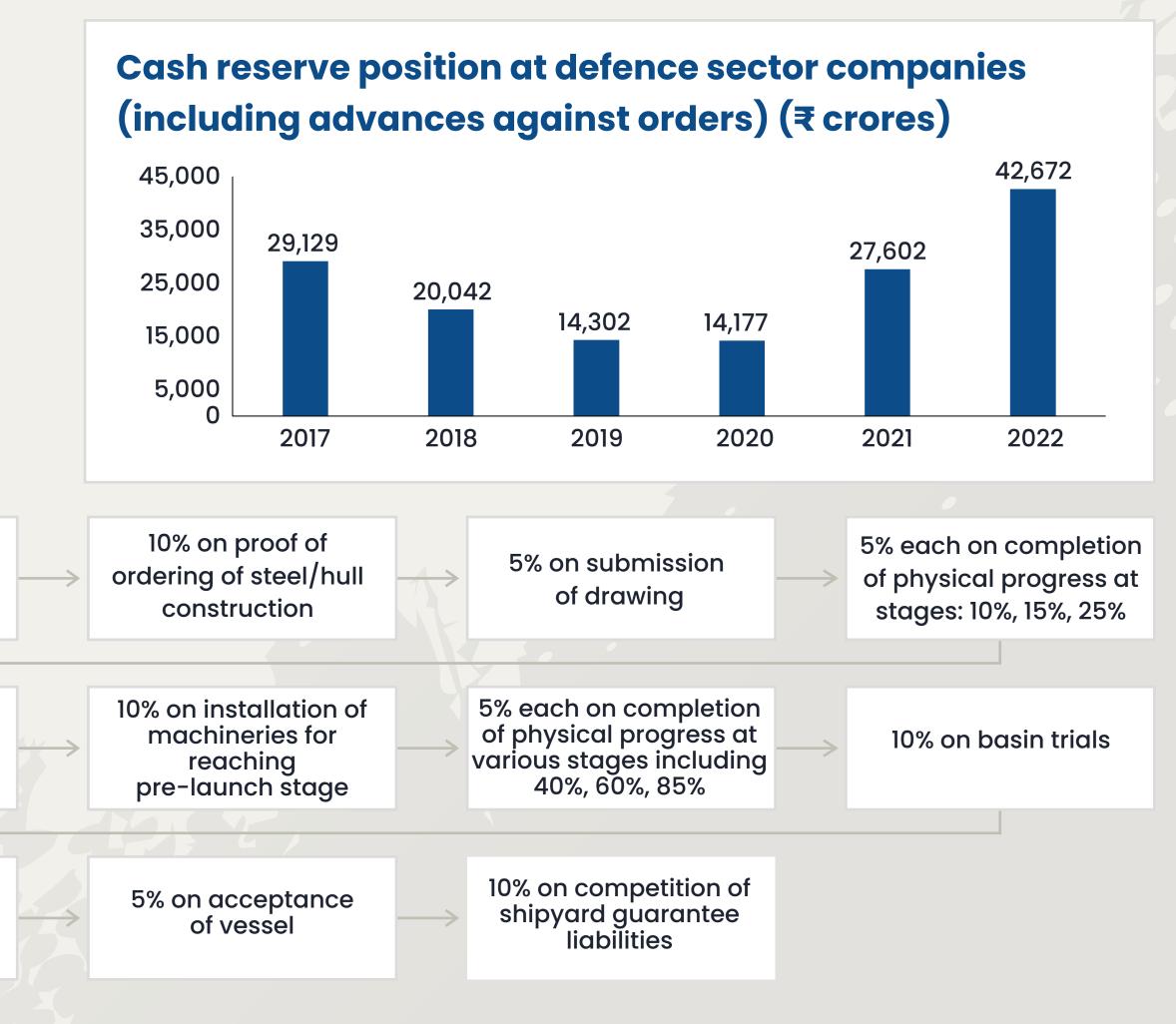
Defence companies usually have strong cash generation with low working capital led by payment terms that include advances and milestone payments

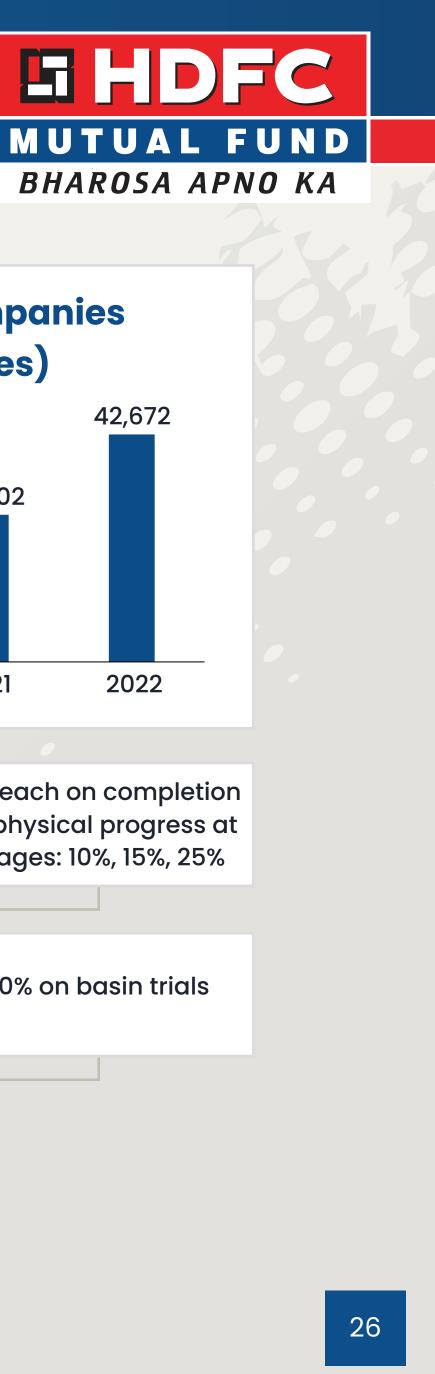
Healthy payments terms to defence platform manufacturers:

As per Defence Acquisition Procedure, payment to ship builders include advances and milestone payments

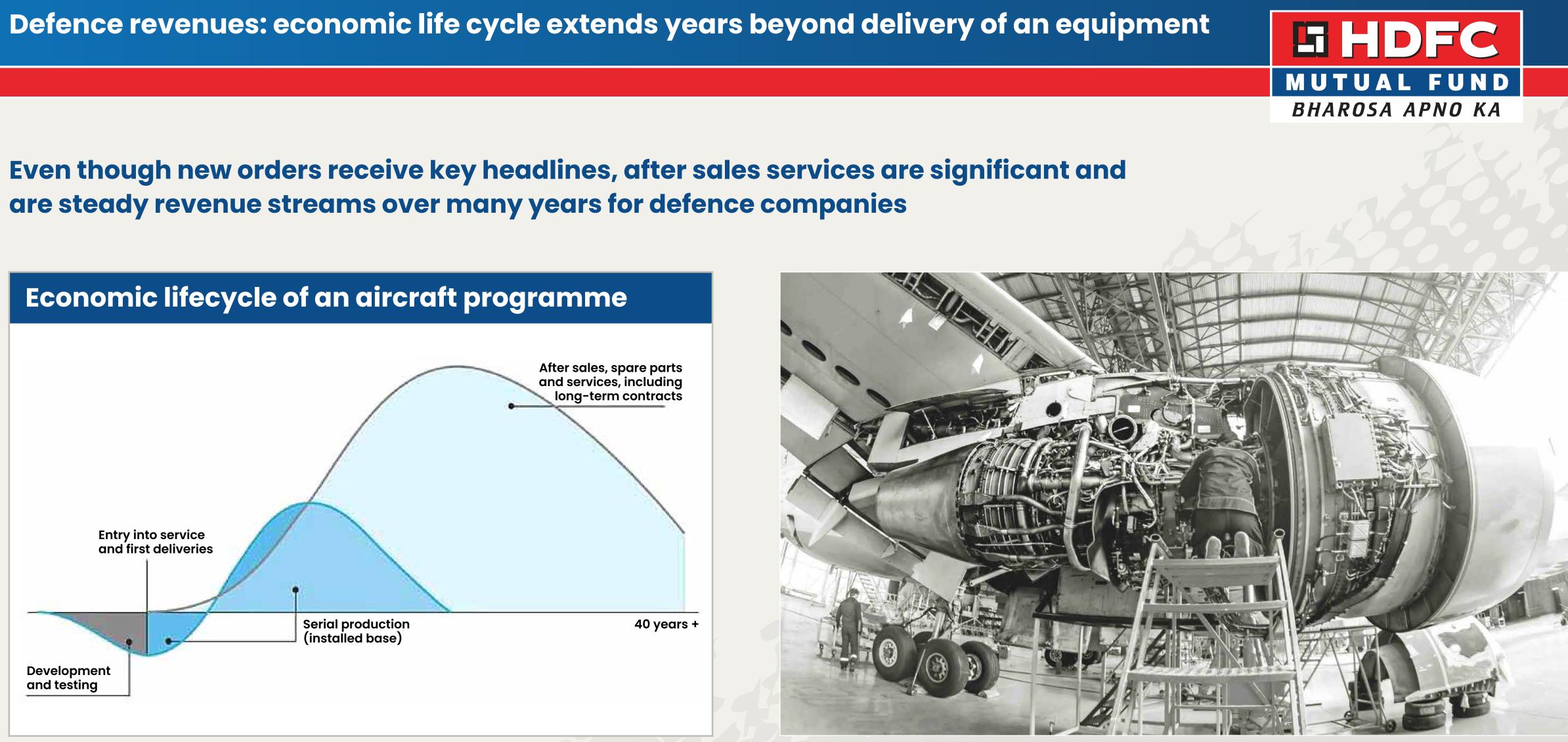


Source: Company annual reports, Ministry of Defence Refer disclaimer on page 35





Even though new orders receive key headlines, after sales services are significant and are steady revenue streams over many years for defence companies



Source: CLSA





ESG framework evolving. The Covid-19 pandemic and the Russia-Ukraine War was a tipping point in considerations for Social criteria within ESG

important in the ESG framework–Defence has strong "S" in the ESG

Lessons from past:

Weak defence = conflict zones, hardships for citizens **Strong defence = citizen well being** Weak defence ≠ peace & prosperity

Usually over longer time periods in history with countries involved in incidents defending its citizens

Updating the course: global investing in defence - a few recent updates.

Sweden-based Skandinaviska Enskilda Banken AB said it would permit some of its funds to buy shares of weapons makers and defence companies, reversing a position it adopted just a year ago

A European UCITs ETF launched in 2023 provides exposure to the global defence sector through defence technology companies and cybersecurity companies



- Latvia's Deputy Prime Minister Artis Pabrik in the wake of the Russia-Ukraine conflict stated: "Is national defence not ethical?"
- Social criteria deals with well-being of communities and maintenance of living standards that must be regarded equally



A Private equity firm based out of France, in 2023 created a fund dedicated to French SMEs and mid-caps companies in the security and defence sector



Mr. Abhishek Poddar

Fund Manager – Equity and Senior Equity Analyst, Dealing & Investments

- Abhishek has collectively over 17 years of experience of which 13 years are in equity research, 1 year in investment banking and 3 years in corporate finance/risk audit.
- He joined HDFC Asset Management Company Limited in April 2019. Prior to that, he has worked with Kotak Securities Limited (Institutional equities) where he was lead equity analyst and was rated 1st by Institutional Investor rankings (2016/2018) and Asia Money (2018) for India materials sector.
- Abhishek has earned a PGP (MBA) from Indian School of Business, Hyderabad in 2009 and is a qualified Chartered Accountant (ICAI). He completed CIMA (UK) in 2008 and Bachelor of Commerce (H) from St. Xavier's College.







Risks and Mitigants



Sectoral funds carry higher risk, thus one should take controlled exposure to such funds

Refer disclaimer on page 35



Mitigants

- Defence is of strategic relevance to a country with well defined and predictable policy framework
- Indian government policies for defence sector including Make in India are favourable to the industry
- Defence Forces are in constant need to upgrade and modernize the defence platforms due to technological advancements and product obsolescence
- Indian companies actively pursuing to tap potential export opportunities
- Fund will seek to invest in companies with good quality management with demonstrated track record
- Fund will try to achieve diversification through various strategies such as multi-cap strategy





Why invest in HDFC Defence Fund?

- Multipolarity to aid increase in global defence expenditure over long term
- India's strong economic growth and geopolitical considerations support long runway for growth in defence expenditure
 - Defence expenditures have been stable as a % of GDP
- India is focused on self reliance increasing opportunity available for Indian defence players
- R&D focus and manufacturing to help tap global export potential
- Indian defence companies display strong orderbook and growth potential, with healthy balance sheets

A compelling multi-decadal investment opportunity!









Fund Facts

Investment Objective	To provide long-term capital appreciation by inv and allied sector companies		
Fund Manager\$	Mr. Abhishek Poddar		
Benchmark Index	Nifty India Defence Index TRI (Total Returns Index)		
Exit Load	 In respect of each purchase/switch-in of units, date of allotment. No Exit Load is payable if units are redeemed / No Entry / Exit Load shall be levied on bonus un In respect of Systematic Transactions such as senrolment shall be levied. 		
Plans	Regular and Direct		
Options	 Regular and Direct Plans offer the following sub-c Growth Option Income Distribution cum Capital Withdrawal (II IDCW option offers following Sub-Options / faciliti Payout of IDCW Option / facility and Re-investment of IDCW Option / facility 		
Minimum Application Amount	During NFO Period: Purchase: ₹ 100/- and any amount thereafter During continuous offer period (after scheme re- Purchase and additional purchase: ₹ 100/- and c Note: Allotment of units will be done after deduct		

\$ Fund Manager Overseas investment – Mr Priya Ranjan For further details, refer SID and KIM available on www.hdfcfund.com and at Investor Service Centres of HDFC Mutual Fund. Refer disclaimer on page 35



vesting predominantly in equity & equity related instruments of defence

()

s, an Exit load of 1% is payable if units are redeemed/switched-out within 1 year from the

switched-out after 1 year from the date of allotment.

nits and Units allotted on Re-investment of Income Distribution cum Capital Withdrawal. S SIP, Flex SIP, STP, Flex STP, Swing STP, Exit Load, if any, prevailing on the date of registration /

options:

(IDCW) Option.

ties:

e-opens for repurchase and sale):

any amount thereafter

ction of applicable stamp duty and transaction charges, if any.



Asset allocation

- The scheme will invest predominantly in equity and equity related securities of Defence & allied sector companies
- Under normal circumstances, the asset allocation (% of Net Assets) of the Scheme's portfolio will be as follows:

Types of Instruments	Minimum Allocation (% of Net Assets)	Maximum Allocation (% of Net Assets)	Risk Profile
Equity and Equity related instruments of Defence & allied sector Companies#	80	100	High to Very High
Equity and Equity related instruments of companies other than above	0	20	High to Very High
Units of REITs and InvITs	0	10	Medium to High
Debt securities, money market instruments and Fixed Income Derivatives	0	20	Low to Medium
Units of Mutual Fund	0	20	Low to High

#Defence & allied sector stocks include

(i) Stocks forming part of certain eligible 'basic industries' based on AMFI Industry classification including Aerospace & Defence, Explosives, Ship Building & Allied Services as amended from time to time; or (ii) Stocks from any other defence & allied sectors as per benchmark's criteria; or (iii) Stocks present on SIDM (Society of Indian Defence Manufacturers) list; and which obtain at least 10% of revenue from the defence segment as mentioned above.





Product Labelling and Riskometer

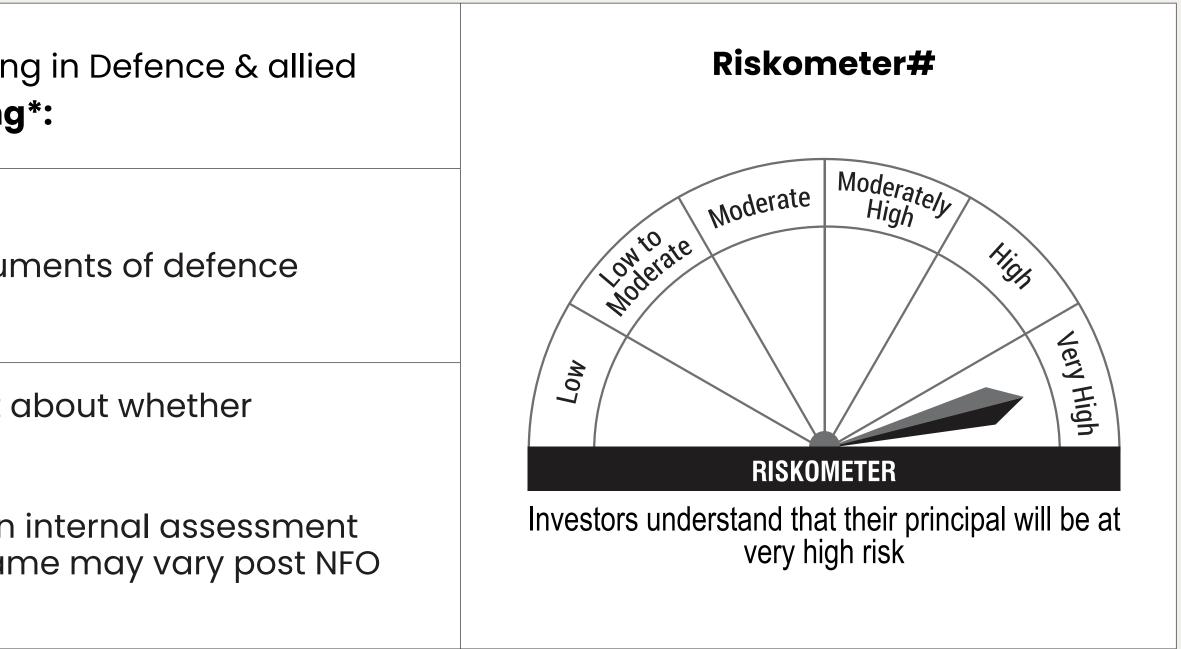
HDFC Defence Fund (An open ended equity scheme investing in Defence & allied sector companies) is suitable for investors who are seeking*:

- To generate long-term capital appreciation / income
- Investment predominantly in equity & equity related instruments of defence and allied sector companies

*Investors should consult their financial advisers, if in doubt about whether the product is suitable for them.

The product labeling assigned during the NFO is based on internal assessment of the scheme characteristics or model portfolio and the same may vary post NFO when the actual investments are made







Disclaimer

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MUTUAL FUND INVESTMENTS ARE SUBJECT TO MARKET RISKS, READ ALL SCHEME RELATED DOCUMENTS CAREFULLY.





Thank You!

