

2024

Unicorn 2.0

Adding the next trillion





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2024

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Foreword

India's startup ecosystem is a vibrant tapestry, woven with threads of innovation, resilience and transformative ideas. What contributes to its growth and impact on the economy, employment and innovation? This inquiry forms the crux of our exploration in this report, delving into the dynamic forces that propel startups toward not just success but lasting influence. The report dissects the components that foster growth and navigates through the realms of economic contribution, job creation and ground-breaking innovations.

This report is a collaborative effort, featuring the insights of industry leaders, visionary entrepreneurs and experts who understand the close relationship between startups and the socio-economic ecosystem. It seeks to shed light on the narratives and mechanisms that underpin the success stories and collective impact of Indian startups.

Each page of this report is a testament to the symbiotic relationship between startups and the broader economic landscape, where their growth not only signifies individual success but becomes a catalyst for larger societal and economic transformations.

I am confident that this report would serve as a beacon for startups and stakeholders on the path to greater growth. Let us celebrate their achievements, learn from their challenges, and collectively champion the role of Indian startups in shaping a dynamic, innovative and exciting future.

R. Dinesh

President, CII Chairman, TVS Supply Chain Solutions Ltd

Startups and their corporate counterparts contribute significantly to India's economy, injecting an impressive \$140 billion in FY23. Projections suggest this could rise to \$1 trillion by FY2030.

The impact of startups, however, goes beyond balance sheets. Socially, these enterprises can be architects of change. Initiatives aimed at societal betterment in India, from education and healthcare to sustainability, underscore the commitment of startups to positively impact communities. The present report captures these stories of empowerment, illustrating how startups are not just engines of economic progress but catalysts for meaningful societal transformation.

In the realm of consumer impact, startups have redefined the way we live, work, and interact. Disruptive technologies, personalized services, and innovative products have not only met consumer demands but have set new standards, shaping expectations and pushing the boundaries of what is possible. The report provides insights into the ways startups have become synonymous with innovation and user-centric solutions.

The report ends with representative stories of triumph, resilience and transformative impact. It is a celebration of the milestones achieved, the challenges overcome, and the collective journey that has brought us to this pivotal moment in the Indian startup narrative.

I believe this report will inspire, inform and serve as a compass for startups and their stakeholders to guide their future endeavours. It aims to acknowledge and champion the remarkable achievements of Indian startups, recognizing their profound contributions to the economic, social and consumer landscape.

Chandrajit Banerjee

Director General, CII

In the ever-evolving landscape of entrepreneurship, startups play a pivotal role in driving innovation, creating jobs, and fuelling economic growth. As we navigate through dynamic markets and unforeseen challenges, the question that echoes across boardrooms and incubation spaces is, "What do startups need to sustain their growth trajectory?"

This report delves into the essentials that could accelerate the journey of startups towards sustainable growth. It goes beyond the initial stages of inception and funding, seeking to understand the intricacies of maintaining momentum and relevance in a competitive business environment.

From access to capital and strategic mentorship, to fostering an ecosystem that nurtures talent and encourages disruptive thinking, the factors influencing startups' sustained growth are multifaceted. In this report, we aim to unravel these factors, drawing insights from industry leaders, seasoned entrepreneurs, and stakeholders who have actively contributed to the startup ecosystem.

The pages that follow are a testament to the collaborative effort of thought leaders, innovators and experts who have shared their experiences and wisdom. As we pursue a sustainable growth trajectory, we believe this report could serve as a compass, guiding startups towards the strategic decisions and support systems crucial for their enduring success.

Abhiraj Singh Bhal

CII-Chair, Unicorn Forum Co-founder, Urban Company

The startup landscape is poised for a transformative journey towards the future. The theme of this report, "Unicorn 2.0: Adding the next trillion", invites us to envision what lies ahead in the world of entrepreneurship.

In the dynamic realm of startups, innovation is shaping the fabric of our economic and social landscape, creating an array of possibilities. The startup ecosystem is not just adapting to change, it is actively influencing and driving the change.

Looking towards 2030, we see the potential for India's startups and unicorns to bring together ingenuity, resilience and collaboration to reimagine the future. They could redefine industries, use cutting-edge technologies and address global challenges.

This report visualizes Indian startups not just as local disruptors but as global shapers, influencing the overall startup landscape worldwide. It anticipates a surge in deep-tech unicorns in India, particularly in sectors like AI and IoT, where the current count of fewer than 5 could burgeon to over 30. This represents a trend towards more sophisticated technological advancements, defining India's prowess in cutting-edge innovation.

May these possibilities inspire us to actively contribute to this journey, together shaping a future where Indian startups stand not only as economic powerhouses but can be beacons of innovation, sustainability and inclusivity.

Rahul Garg

CII Co-Chair, Unicorn Forum Founder and CEO, Moglix

Acknowledgements for our knowledge partner

This report is the outcome of a comprehensive four-month effort to shape a forward-looking perspective on India's evolving startup ecosystem and a vision for its future. Crafted through in-depth discussions with over 30 startup founders and seasoned investors, it provides insights into building a resilient and impactful startup ecosystem and proposes initiatives to accelerate its growth trajectory.

CII would like to thank the following individuals from **McKinsey & Company**, our knowledge partners for the report, for conducting the underlying research and providing an analytical fact base:

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We are grateful to the following founders and industry leaders who shared their valuable insights and ideas to enrich the content of this report:

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COO, Shiprocket

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Chairman, Axilor Ventures, Co-founder, Infosys, President ISF

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Insights from the industry

On the transformative impact of startups





Online platforms have been instrumental in transforming India's gig workforce across four key parameters: income generation, formalization of benefits, long-term career development and wealth creation.

- Abhiraj Singh Bhal, Urban Company





This is the best time for startups in India - a large consumer base of 1.4 billion people propelled by a fastgrowing economy with government support and an increasing number of serial entrepreneurs acting as angel investors.

- Kris Gopalakrishnan, Infosys





Startups have aided the global expansion of Indian MSMEs. Thousands of smaller brands initially limited only to the Indian diaspora have been catapulted to global markets thanks to online platforms.

- Gautam Kapoor, Shiprocket





Online platforms have played a pivotal role in bringing informal suppliers into the formal sector. MSMEs are becoming GST-compliant, they transact through organized banking channels, and have access to formal financing. Empowering these local manufacturers can minimize reliance on global supply chains in the long term.

- Rahul Garg, Moglix





Indian startups have contributed to driving economic growth and reshaping consumer behaviour, leading to a substantial transformation in consumption patterns nationwide.

- CK Ranganathan, CavinKare





Innovative fintech solutions. especially in India's online broking space, have democratized retail investment, resulting in equity participation, particularly from Tier 2 and 3 sectors.

- Kavitha Subramanian, Upstox







Insights from the industry

On potential interventions to fast-track growth





A supervised apprenticeship model can serve as an effective engine for employment in India. Allowing companies to utilize their CSR budgets on apprenticeship would ensure on-the-job skilling and a steady supply of startup-ready talent.

> - Sanjeev Bikhchandani, Info Edge



Apprenticeship and upskilling are key to unlocking India's talent potential. Government and startups could work together to accredit apprentice programs into recognized professional courses, providing upskilling opportunities to local talent and greater hiring avenues for companies.

- Saurabh Nigam, Elasticrun









There are limited sources of domestic funding capital for Indian startups. An overreliance on FIIs exposes India to global economic shocks. Policy interventions could help build resilience by channelling domestic capital into higher-risk/reward portfolios.

- Nitin Jain, OfBusiness



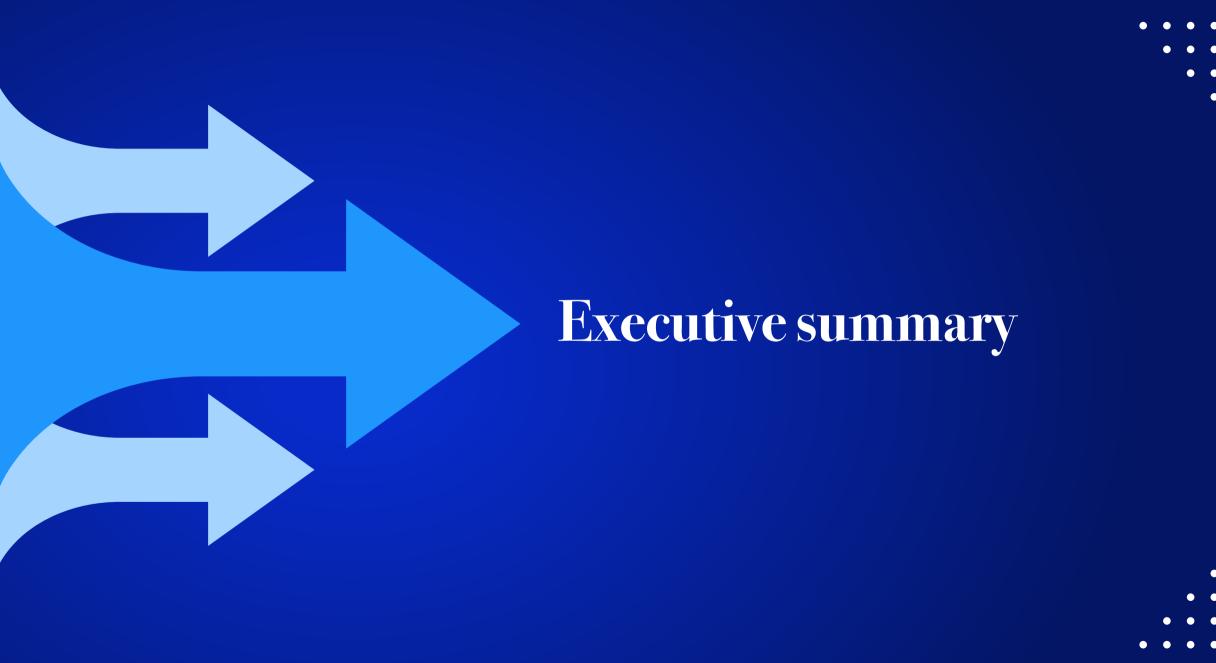
Startup hubs could be built around universities to foster a collaborative ecosystem between startups and institutions that can provide a consistent supply of top talent.

- Manish Taneja, Purplle













•• Executive summary

Between 2016 and today, India's 100-plus unicorns and around 100,000 startups have driven economic growth by contributing 10 to 15 percent to GDP growth, advanced inclusivity with rapid digitization in rural—urban areas, and generated 20 to 25 percent of all new employment. They have also democratized consumption through broader access to products and services.

This already impactful unicorn and startup ecosystem (what we call "Unicorn 1.0"), presents the opportunity to shape "Unicorn 2.0", an ecosystem that could potentially add the next \$1 trillion to India's economy by 2030.

This report outlines the story so far and, drawing on conversations with over 30 industry leaders, envisions a startup landscape ready to cultivate resilient, globally leading enterprises that sustain their growth and competitiveness. At its full potential, such a landscape would pioneer disruptive innovation and set the north star for governance, thriving with a broad-based investor ecosystem and highly-skilled, experienced talent.

To help stakeholders make this vision a reality, the report offers initiatives across five themes: opening up domestic funding, re-wired governance, what an enabling regulatory environment could look like, a widespread culture of innovation, and the nurturing of talent for employability.

These potential interventions could accelerate the industry's pursuit of Unicorn 2.0, building a resilient and impactful startup ecosystem that drives transformative growth for the country.

India's startups: Ecosystem creators today, global leaders tomorrow





Unicorn 1.0 (2010-23)

Creating India's digital ecosystem

- 100+ unicorns (3rd highest globally), ~100k startups
- 10-15% contribution to GDP growth
- \$140 Bn+ VC funding raised (2014-23)
- Emergence of **digital consumer** and adoption of **Digital India Stack**

Unicorn 2.0 (2024-35)¹

Leading global institutions of tomorrow

- Next 300 unicorns
- Additional contribution of \$1 trillion to GDP expected by 2030
- Flourishing B2B startup ecosystem
- Global leadership in select categories
- Disruptive innovation in deep-tech
- True north star for **governance**
- Leadership and tech-talent factory
- Broad-basing of investor ecosystem

^{1.} The use of the term Unicorn 2.0 in this report refers to a scenario where the startup ecosystem achieves its full potential between 2024 and 2035 Source: Press Information Bureau of India; DPIIT website; Venture Intelligence; World Bank Database; Investor Landscape Report, Inc42, 2023, Pitchbook

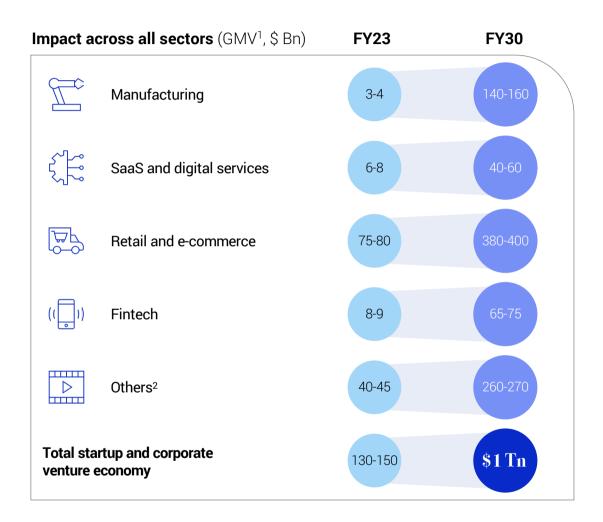
••• Unicorn 1.0: Game-changing impact on India

Driving economic growth Contribution to GDP growth 10-15% between FY16 and FY23 VC funding raised between \$140 Bn 2014 and 2023 **Promoting sustainability Democratizing consumption** and inclusivity Illustrative examples of impact below Of total jobs created in the 20-25% **30-40%** Lower cost of education last decade attributable to and healthcare online startups Active pin codes served by 90%+ **50 Mn**+ Fintech-powered MSMEs e-commerce **70 Mn**+ Paperless loans processed VC investment in cleantech \$500 Mn+ in FY23 startups, with cleantech driving 20-25% of India's total energy consumption

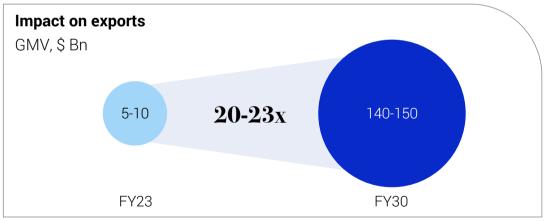
Source: Venture Intelligence; Pitchbook Press Information Bureau; DPIIT; 51 Cleantech Startups Working Towards Making India's Future Cleaner & Greener, Inc42, January 2024; India's Energy Perspective, McKinsey & Company, 2023; The bottomline: Elevation fintech report, Elevation Capital, August 2023; India's Booming Gig and Platform Economy, NITI Aayog, June 2022; Women in Startup Ecosystem Report, WISER, 2023; An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020

^{1.} Excludes agricultural jobs created

Unicorn 2.0: Adding the next \$1 trillion to India's GDP







Source: Euromonitor; India's turning point: An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020; Democratising digital commerce in India, Open Network for Digital Commerce, April 2023; The bottomline: Elevation fintech report, Elevation Capital, August 2023; Company reports

^{1.} Gross merchandise value (considered for all sectors except fintech)

^{2.} Includes agriculture, healthtech, travel and mobility, telecom and entertainment, education

Orbital shifts that will define Unicorn 2.0

Shifts		Potential for 2030-35
	Emergence of Indian startups as global leaders, ¹ specially across SaaS and e-commerce	15-25 globally leading startups
\$	Surge of innovation-led companies ² rather than market-access led, specially across fields like EV, GenAI, biotech and semiconductor	25+ IP-led businesses
	Companies setting the bar for governance in line with their industry standing	Near-zero instances of corporate governance lapses
	Multiplier effect of startup talent proliferating across the industry, including senior leadership at MNCs, repeat founders in ecosystem and angel investors	1,000+ Corporate leaders to come from startups
	Broad-basing of investor ecosystem with increased avenues of domestic funding	>50% domestic capital in startups

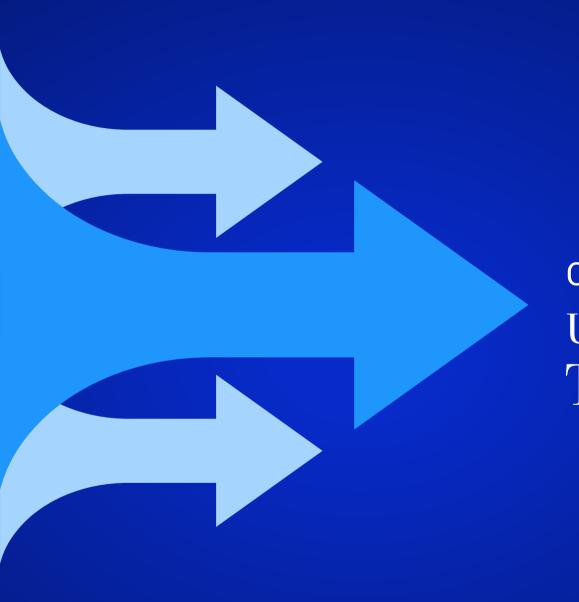
^{1.} Defined as top 10 company in the segment by revenue, having market leadership in minimum two large markets beyond India 2. Defined as an IP-led company generating 50%+ revenues from unique / exclusive IPs, meeting an R&D expense threshold of >5% of revenues

Building resilient enterprises of Unicorn 2.0 would require support from various ecosystem stakeholders

		Key stakeholders				
	Core themes of transformation	Investors	Founder and founder forums (including corporates)	Government and policy makers		
1	Capital Participation of retail investors, relevant public sector institutions and PSUs in funds to support priority sectors	 Founders could create and lead dedicated domestic funds, with subsequent funding soften public institutional investors PSUs could participate with R&D capital in priority sectors (e.g., EV and semiconductors) Government could encourage domestic funding into startups by creating a dedicated investment vehicle to unitize and democratize startup investing 		priority sectors (e.g., EV and semiconductors) ding into startups by creating a dedicated private		
2	Governance Re-wired governance through defined guidelines and corporate governance framework for startups	Founder forums could define the governance playbook, including comprehensive best practices and guidelines for founders to follow; investors could play the role of checkers				
3	Regulation/Policy Supportive tax environment for startups (with an explicitly aligned definition of "startup" to avoid leakages)			Explore discussion on simplifying tax structure of Employee Stock Ownership Plans (ESOPs), reverse flipping ¹ and private investment returns		
4	Innovation/Tech Fostering innovation, encouraging startups to invest in academic research and monetize the resulting IP	Government could consider creating a program between academic institutions and corporates to effectively commercialize innovation by enabling joint research, sharing outcomes, securing IPs and generating royalties		ovation by enabling joint research, sharing		
5	Talent Development of a deeper talent pool through apprenticeship-based certification/courses, and targeted initiatives to attract top international talent		 Government could create and regulate the training program, providing the necessary infrastructure; corporates could develop the curriculum, provide trainers and certification Government could encourage inward movement of top international talent in select sectors through creation of dedicated talent corridors (e.g., India-Japan EV corridor) and targeted centres of excellence (e.g., for EV and semiconductors) 			

^{1.} Reverse flipping is the process of shifting the domicile of a foreign incorporated Indian company back to India, after it had moved its headquarters overseas, usually for tax or regulatory reasons





Chapter 1
Unicorn 1.0 –
The story so far







••• Unicorn 1.0: Game-changing impact across India's economy, society and consumers

1 Driving economic growth

Contribution to GDP growth

Foreign funding growth

Promoting sustainability and inclusivity

Workforce participation

Access and reach to MSMEs

Innovation and digitization



3 Democratizing consumption

Greater affordability

Improved accessibility

Increased convenience

The transformative impact of the startup ecosystem on India



Economy

GDP growth contribution

~\$20 Bn

Foreign funding growth

10-15%

Contribution to GDP growth between FY16-FY23

VC funding raised in 2022 out of total FDIs of ~\$85 Bn



Society

Increased workforce participation

12-13 Mn+

3.5 Mn+ gig workforce

7-9 Mn indirect jobs

900k+ direct organized jobs

iobs created

~35%

women in the workforce

in Indian startups vs 19% in corporate India Skill development

programs

Largely for gig workers with diverse range of jobs, such as delivery personnel, drivers etc.

~450k+

content creators

Each with 10K+ followers, participating and earning from the online creator economy, majorly from Tier 2 and below towns

Greater reach and financial inclusion for MSMEs

1 Mn+

\$190 Bn

Value of MSME exports in FY22, driven by B2B e-commerce

50 Mn+

Merchants adopted digital payments and UPI

40th rank

In Global Innovation Index 2023. iump from rank 81 in 2015

Leading innovation and digitization

Pioneer in digital payments

250 Mn+ UPLusers 80 Mn+ retail investors led by wave of fintech digitization



Consumer

SME loans disbursed in 2022

with ~\$230 Bn in lending

Democratization of consumption¹

Greater affordability

30-40%

healthcare services

Improved accessibility

90%+

Lower cost of education and Active pin codes served across India: 4 Bn+ e-commerce parcels shipped in FY23 Increased convenience

70 Mn+

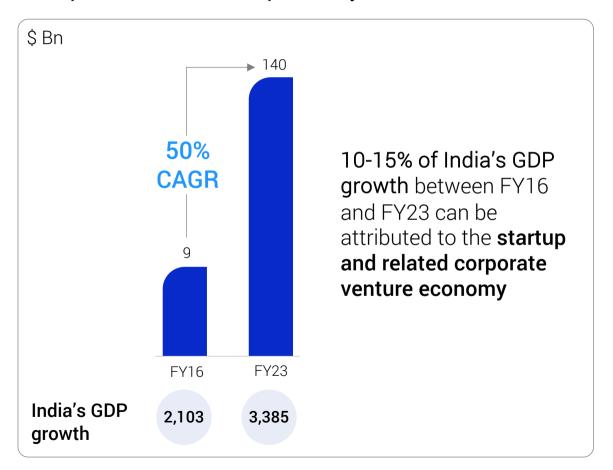
Paperless loans processed in under 10 minutes in FY23

Source: Venture Intelligence; Press Information Bureau; DPIIT; Investor Landscape Report, Inc42, 2023; India's Energy Perspective 2023, McKinsey & Company, 2023; The bottomline: Elevation fintech report, Elevation Capital, August 2023; Women in Startup Ecosystem Report, WISER, 2023: An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020: India's Booming Gig and Platform Economy, NITI Aavog, June 2022: Democratising digital commerce in India, Open Network for Digital Commerce, April 2023; World Intellectual Property Organization, 2023; World bank database

^{1.} Based on illustrative examples of impact

GDP growth: Startups have contributed substantially to India's GDP growth between FY16 and FY23

The rapid rise of India's startup economy



India has 20x more startups today than in 2015, going from 4,000 to ~100,000 Startups and related corporate ventures have contributed ~\$140 Bn economic value in FY23 The number of Indian unicorns stands at 114, third highest in the world, after only the US and China

Source: Pitchbook, World Bank; S&P Global estimates

Startups are powering India's economy across 9 sunrise sectors

9 sunrise sectors that are driving domestic consumption

and taking India to the

world



Global manufacturing hubs

- · Electronics, high tech and capital goods, automobiles, pharma devices
- FVs and batteries



Global IT and digital services hub

- Digital services across cloud, cybersecurity, Gen Al, IoT, big data analytics
- Software as a service (SaaS)



Agricultural ecosystems

- Digitally enabled agriculture services, e.g., precision agriculture
- Agriculture and food processing exports



Healthcare services

- Medical and care-based products and services
- · Remote and other innovative operating models
- Wellness and prevention therapeutics



Travel and tourism

- · Tourism circuits with high-quality infrastructure including air, rail, bus, hospitality market
- Mobility (ride hailing)

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Modern retail and e-commerce

- Digital product commerce
- eB2B marketplaces
- Digitized supply chains for traditional trade ecosystems



Next-generation financial services

- Flow-based lending (use of transactions/ other data sets to underwrite loans), investment vehicles
- Insurance

8

Communication, media and entertainment

- Digital media and entertainment
- Telecom services



Sharing economy for skills and education

 Online skilling and education platforms

Other private investment and govt. spending sectors

Power distribution

Mining and mineral sufficiency

Climate change mitigation and adaptation models

E-governance of future

Productive and resilient cities

Startups and corporate ventures contributed ~\$140 Bn economic value in FY23

CURRENT VIEW



^{1.} Includes value of 2W, 4W and commercial EV, replacement battery and chargers; does not include global semiconductor industry, which is estimated to be ~\$1 Tn by 2030, presenting a huge opportunity for Indian startups specially in design, development and engineering services

Source: Euromonitor; India's turning point: An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020; Democratising digital commerce in India, Open Network for Digital Commerce, April 2023; The bottomline: Elevation fintech report. Elevation Capital. August 2023: Pitchbook. Company reports

Workforce participation has increased

More employment

Impact on lives

FY23



Organized jobs created by startups

Keeping top talent in India with better opportunities

Rewarding talent through ESOPs for greater wealth

900K+

jobs created by startups; up 6x in past 4-5 years

2 Gig workforce

Unorganized jobs created by startups

Financial and social security, and opportunity to learn new skills for career development

3.6 Mn

jobs created by startups (40% of total gig population); 13% CAGR for the past 4-5 years

3 Indirect jobs

Jobs created by suppliers in value chain owing to startups

Greater exposure and business scale-up opportunities, leading to wage growth in local community **7-9 Mn**

indirect jobs created

Source: Press Information Bureau of India; DPIIT; India's Booming Gig and Platform Economy, NITI Aayog, June 2022; An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020, Indus Valley Annual Report, Blume, 2023



••• More MSMEs are embracing digitization

FY23 view

Increased procurement channels

1-2 Mn
MSMEs procuring through digital channels



Improved financial access

20-30 Mn

MSMEs adopted digital modes of payments

1 Mn+ MSME

loans disbursed





15-20 Mn

MSMEs discoverable on digital platforms

5-6 Mn

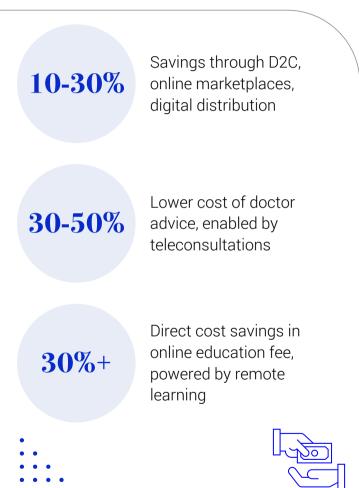
MSMEs actively selling online



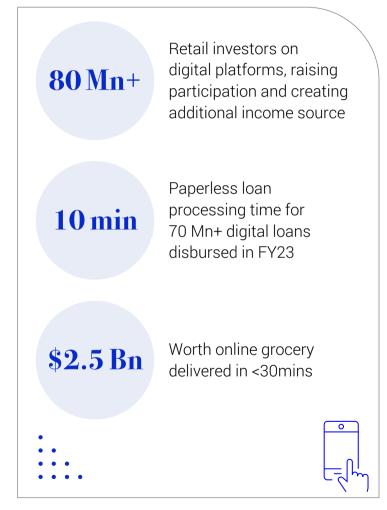


••• Consumption is more democratized

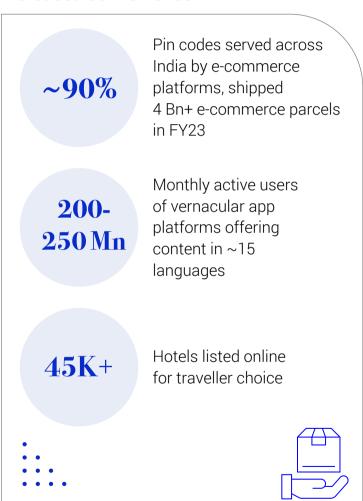
Greater affordability



Improved accessibility



Increased convenience



Source: Web search, including but not limited to 'Digital lending volumes grow by 13% in FY23', Economic Times, 12 June 2023; 'Amazon receives orders from 99.3% of India's pincodes during festive sale', Business Standard, 11 November 2020; 'Flipkart now delivers to 100% serviceable pincodes in India', Business Today, 18 April 2020; Practo; Lybrate analysis

Speed and convenience are transforming the daily life of a consumer

From

Making physical and time-consuming visits



Daily visit to grocery store and dairy booth to collect milk and bread



Walk out and look for a taxi to reach office, carry cash for payment



Visit / call stockbroker with trade requests to be placed on their behalf



Carry lunch from home or visit a restaurant



Visit hospital for general consultation, wait in line for 1-2 hrs to see a doctor



Travel 30 mins oneway for a computer language course

7:00 am

9:00 am

11:30 am

2:00 pm

5:30 pm

7:00 pm

To

Performing daily activities online instantly from anywhere



Order groceries online/subscribe for a daily top-up, with instant delivery



Pre-book cab via app and pay online



Place direct investment order anytime with 24*7 visibility



Choose and order food online with quick ~30 min delivery



App based appointment booking, tele-consultation from the comfort of home



Take quick online course, at a much affordable price

3 key stakeholders that unlocked the potential of India's startups

Expanding investor landscape

More VC funding, new investors, a variety of investment avenues and instruments, plus greater funding and mentorship from incubators and angel investors



Diversifying founder profile

More women, more serial entrepreneurs, more nontraditional founders



2

Growing government support

Digital public infrastructure widening digital engagement

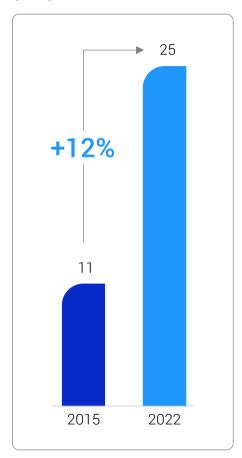




••• 1. VC funding activity has grown at a healthy pace since 2015, with a stream of foreign investment

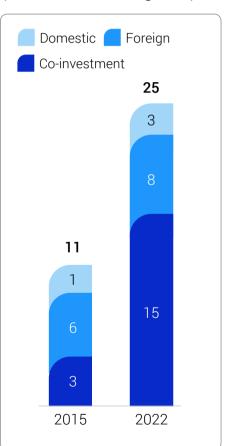
Growth in total VC investment in India..

(\$ Bn)



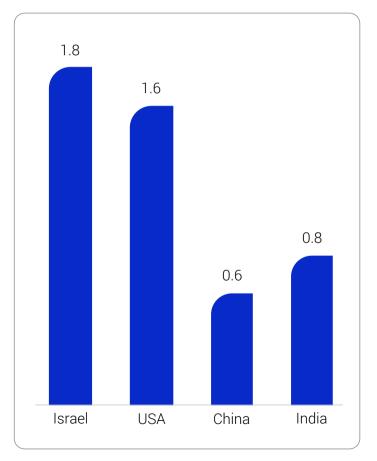
... with steady influx of foreign funding...

(source of VC funding, \$ Bn)



... and substantial scope for additional growth relative to global leaders

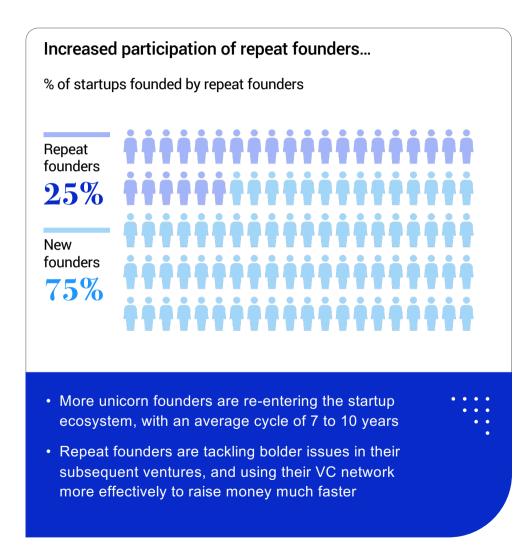
(VC funding % of GDP, 2022)

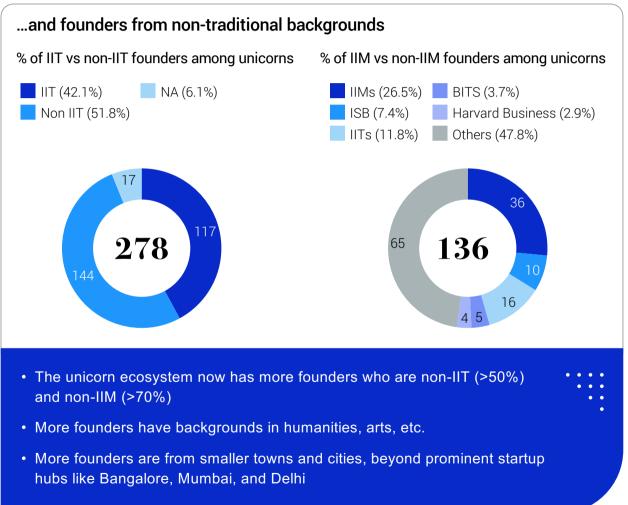




Source: Pitchbook; Venture Intelligence

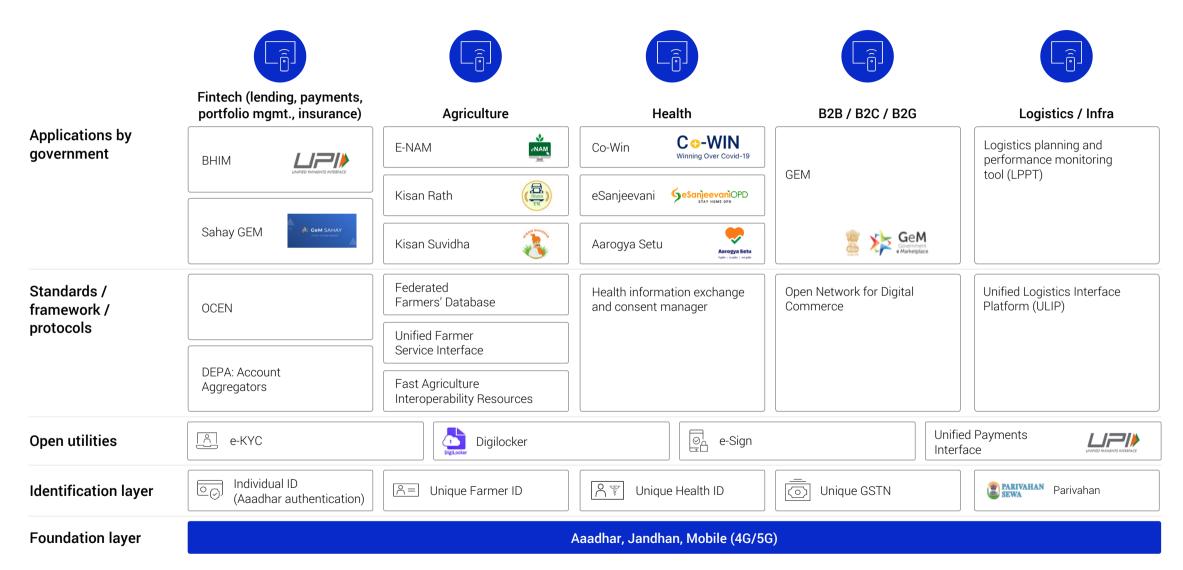
2. The mix of founders in the startup ecosystem has been changing



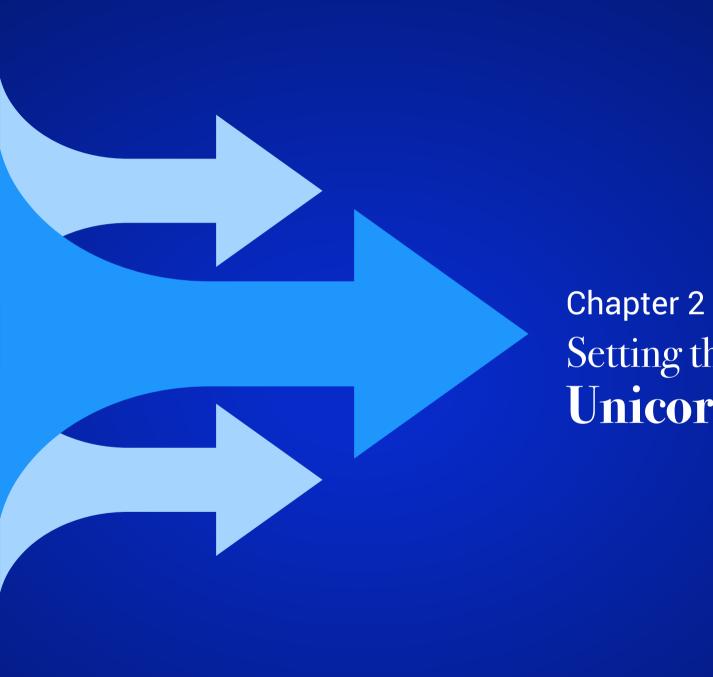


Source: Decoding India's Unicorn Club Report, Inc42, 2023

3. The government-led Digital India stack is widening digital engagement



Source: Democratising digital commerce in India, Open Network for Digital Commerce, April 2023



Chapter 2
Setting the aspiration for Unicorn 2.0







•• Unicorn 2.0 has the potential to substantially transform India's society and economy by 2030

1 Driving economic growth

\$1 trillion Contribution to GDP by FY30

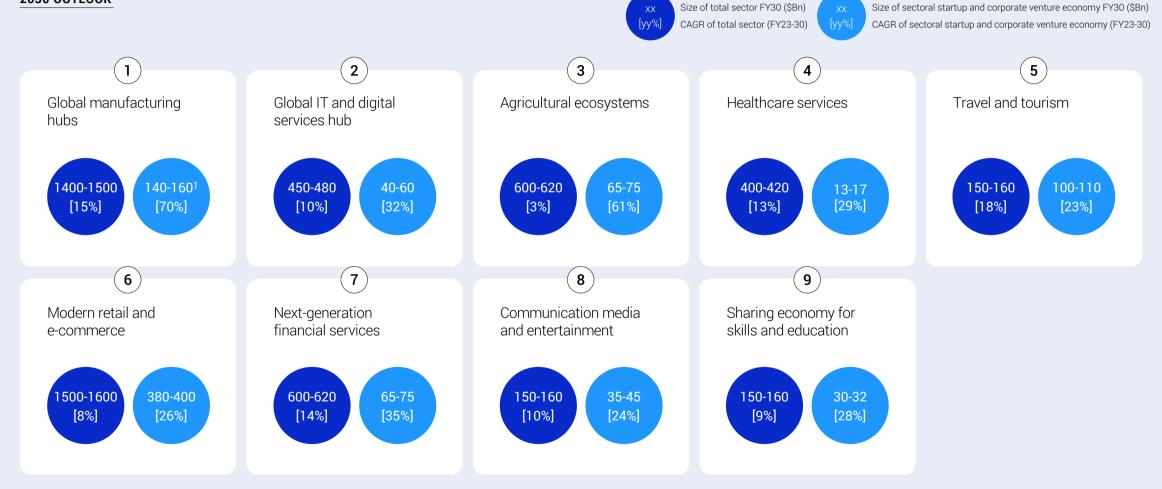
\$250-300 Bn Economic value added by new-gen sectors including Al



Source: Democratising digital commerce in India, Open Network for Digital Commerce, April 2023, An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020; Indus Valley Annual Report, Blume, 2023; Women in India's startup ecosystem, WISER, 2023; Expert conversations

1.1 By FY30, the startup and venture economy could potentially contribute ~\$1 trillion of India's estimated \$7 trillion economy

2030 OUTLOOK



^{1.} Includes value of 2W,4W and commercial EV, replacement battery and chargers; Includes estimated opportunity for semiconductor design, development and assembly in India, basis the ~\$1Tn global market by 2030 Source: Euromonitor; India's turning point: An economic agenda to spur growth and jobs, McKinsey Global Institute, August 2020; Democratising Digital Commerce in India, Open Network for Digital Commerce, April 2023; The bottomline: Elevation fintech report, Elevation Capital, August 2023; Company reports

••• 1.2 Select sectors could drive disproportionate growth

Retail and e-commerce

- Digital products and services economy could grow ~5x by 2030, with online transacting consumers likely going from 165-190 Mn to 450-500 Mn, driven primarily by grocery and fashion-lifestyle
- High potential for digital commerce adoption in B2B retail (digital share of B2B commerce is 1% in India vs 16% in US and 30% in China) with ONDC further democratizing commerce and bringing more MSMEs online (expected to grow from ~5 Mn to 30-40 Mn)
- Logistics tech could grow by ~3x over next 8 years with growth in e-commerce and sharpened investor focus on on-demand last-mile delivery and freight marketplace solutions

Next-gen financial services

- Fintech could continue to capture the needs of India's affluent segment (expected to grow at 12-15% CAGR vs 1-2% population CAGR)
- Share of fintechs (and fintech-led businesses) could create \$400 Bn of enterprise value by 2030
- Next-gen financial services could drive access to credit for the next 200 Mn Indians (till date, formal credit has only been extended to ~120 Mn of 300 Mn+ lendable customers)

Manufacturing hubs

- Electric 2W is projected to grow at 60-70% CAGR over 2022-30 (10-12x of ICE 2W market)
- Key factors for growth include uptake of EVs, improving charging infrastructure, Make in India incentives, FAME scheme, ICE restrictions, and increased consumer concern for sustainability
- Semiconductor market is expected to contribute additional \$90-100 Bn in economic value by 2030, accounting for 10-15% share in the global market

SaaS and Digital

- Indian SaaS startups could increase exports by 10x+, creating an enterprise value of ~\$500 Bn in the next 10 years
- Key structural advantages in the SaaS industry could include digitally skilled talent (>1.9 Mn); functional domain knowledge (55-60% of global business processes managed in India), TCO advantage (>20% lower TCO proposition)

In addition to this sector-wise impact, automation with digital and analytics, including IoT, could generate \$275 Bn in economic value by 2030. This uptick in AI could create 100 Mn+ jobs, driving demand for online upskilling



2. By FY30, the startup and venture economy could add over 50 Mn jobs

More employment

Possible shifts

2030E view

» ADVANCING SOCIET



Organized jobs created by startups

Increasing share of product-focused roles with a rising demand for data scientists, machine-learning engineers, and other tech professionals who could drive innovation, specially across deep-tech sectors, e.g., Al, IoT, etc.

4-5 Mn

2 Gig workforce

Unorganized jobs created by startups

Adherence to minimum wages with increased access to financial and social security, and availability of structured programs for upskilling and upward mobility across major startups

9-10 Mn

3 Indirect jobs

Jobs created by suppliers in value chain owing to startups

Creation of indirect jobs across major sectors could lead to greater tech exposure, wage growth in local communities and potential for pan-India expansion

35-40 Mn

 $Source: Indus\ Valley\ Annual\ Report,\ Blume,\ 2023;\ Women\ in\ India's\ startup\ ecosystem,\ WISER,\ 2023$



3. By FY30, India could see wide-scale democratization of digital services



90-100%

Household penetration of digital payments by 2030

450-500 Mn

Digitally transacting retail consumers by 2030

8-10x

Growth in digital penetration in B2B by 2030 (1% in FY23 vs 10% FY30E)

Individual consumer trends



1 Emergence of new customer segments

New shopper segments could emerge and influence India's consumer landscape; expected 2x more digitally empowered women shoppers and 50% new digital users from Tier 2/3 cities

Valuing Indian brands

Indian brands can offer high-quality products and services on par with global competition at highly competitive prices, locking in a large, loyal and digitally-native consumer base

3 Changing demand patterns resulting in new use-cases

Consumers seeking hyper-personalization and automation could lead to AI and IoT-enabled use cases, with disruptions across the spectrum of product- and service-oriented startups

Enterprise consumer trends



Accelerated adoption of SaaS by Indian businesses

SMEs are expected to increasingly digitize and form 40% of the total SaaS customer market, enabled by affordable access

2 Emergence of GenAl use cases for businesses

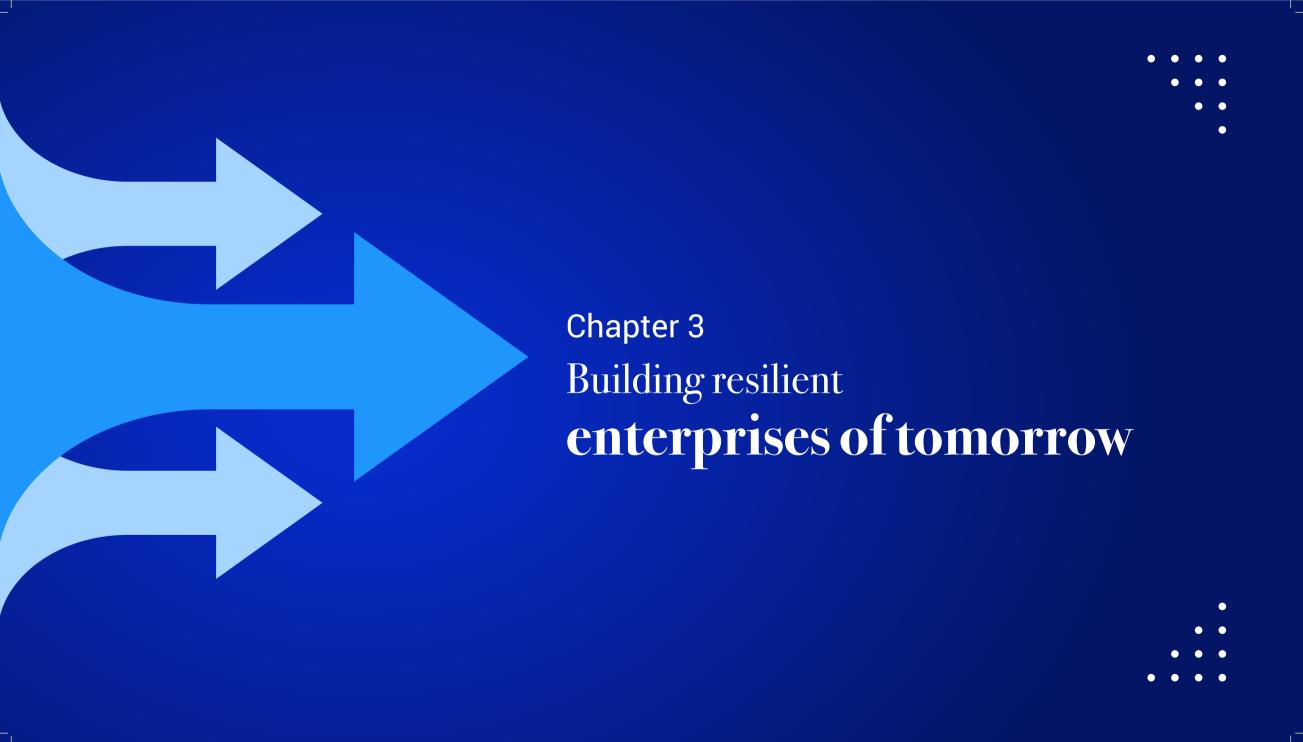
Indian enterprises could increasingly embrace GenAl-based applications across business processes, prompting a wave of innovation from B2B deep-tech startups

Source: Democratising digital commerce in India, Open Network for Digital Commerce, April 2023

Orbital shifts that will define Unicorn 2.0

Shifts		Potential for 2030-35	
	Emergence of Indian startups as global leaders, ¹ specially across SaaS and e-commerce	15-25 globally leading startups	
\$	Surge of innovation-led companies ² rather than market-access led, specially across fields like EV, GenAI, biotech and semiconductor	25+ IP-led businesses	
	Companies setting the bar for governance in line with their industry standing	Near-zero instances of corporate governance lapses	
	Multiplier effect of startup talent proliferating across the industry, including senior leadership at MNCs, repeat founders in ecosystem and angel investors	1,000+ Corporate leaders to come from startups	
	Broad-basing of investor ecosystem with increased avenues of domestic funding	>50% domestic capital in startups	

^{1.} Defined as top 10 company in the segment by revenue, having market leadership in minimum two large markets beyond India 2. Defined as an IP-led company generating 50%+ revenues from unique / exclusive IPs, meeting an R&D expense threshold of >5% of revenues



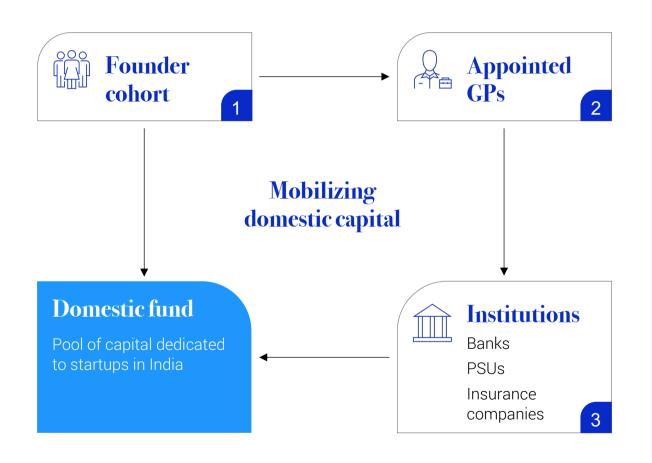


Building resilient enterprises of Unicorn 2.0 would require support from various ecosystem stakeholders

		Key stakeholders				
	Core themes of transformation	Investors	Founder and founder forums (including corporates)	Government and policy makers		
1	Capital Participation of retail investors, relevant public sector institutions and PSUs in funds to support priority sectors		from public institutional investors PSUs could participate with R&D capital in Government could encourage domestic fu	 Founders could create and lead dedicated domestic funds, with subsequent funding support from public institutional investors PSUs could participate with R&D capital in priority sectors (e.g., EV and semiconductors) Government could encourage domestic funding into startups by creating a dedicated private investment vehicle to unitize and democratize startup investing 		
2	Governance Re-wired governance through defined guidelines and corporate governance framework for startups	Founder forums could define the governance playbook, including comprehensive best practices and guidelines for founders to follow; investors could play the role of checkers				
3	Regulation/Policy Supportive tax environment for startups (with an explicitly aligned definition of "startup" to avoid leakages)			Explore discussion on simplifying tax structure of Employee Stock Ownership Plans (ESOPs), reverse flipping ¹ and private investment returns		
4	Innovation/Tech Fostering innovation, encouraging startups to invest in academic research and monetize the resulting IP	Government could consider creating a program between academic institutions and corporates to effectively commercialize innovation by enabling joint research, sharing outcomes, securing IPs and generating royalties				
5	Talent Development of a deeper talent pool through apprenticeship-based certification/courses, and targeted initiatives to attract top international talent		 infrastructure; corporates could develop the Government could encourage inward moves through creation of dedicated talent corridor 	 Government could create and regulate the training program, providing the necessary infrastructure; corporates could develop the curriculum, provide trainers and certification Government could encourage inward movement of top international talent in select sectors through creation of dedicated talent corridors (e.g., India-Japan EV corridor) and targeted centres of excellence (e.g., for EV and semiconductors) 		

^{1.} Reverse flipping is the process of shifting the domicile of a foreign incorporated Indian company back to India, after it had moved its headquarters overseas, usually for tax or regulatory reasons

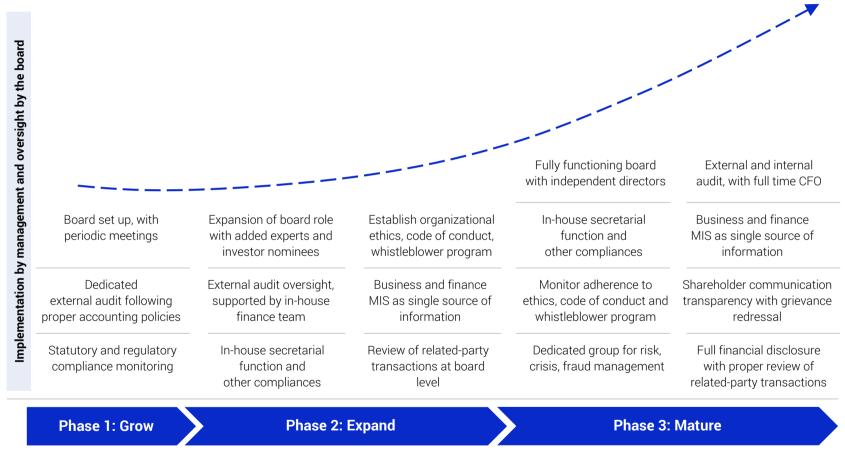
1. Consider a homegrown fund to catalyze India's domestic funding landscape





2. Further strengthen governance framework for startups in India

Governance suggestions tailored to startup's growth stage



Centralized and founder-led

Decision making

Decentralized and board-led

Source: Start-up Governance Playbook, Deloitte, IVCA, IICA and Startup India, June 2023



Potential benefits of a robust corporate governance structure

Enhanced accountability and ownership: Clearly defined delegation of power can create distinct roles for individuals, building long-term trust and credibility

Attracting and retaining investors:

Well-governed companies can improve their access to capital by displaying consistent transparency in business operations

Enhancing reputation and brand value: Commitment to a strong corporate governance structure can lead to second-order benefits including customer loyalty and access to higher-quality talent

Improved financial performance:

Effective governance can help in better allocation of resources and strategic decision-making, leading to better economic outcomes for all stakeholders

3. Global example of objectively defining "startups"

China's Ministry of Science and Technology, Ministry of Finance and Taxation Bureau jointly **evaluate** and classify companies into 3 categories that further determine their benefits (e.g., tax breaks)





High-tech company

- Owns core IP that falls within national high-tech priority
- **R&D employees** exceed 10% of FTEs
- Meets R&D expense thresholds (>5% of revenue if revenue <50 Mn RMB, etc.)
- R&D spend in mainland China exceeds 60% of total R&D spend
- 60% of revenue comes from core hightech IPs



Tech small and medium business

- Registered in mainland China with
 <500 FTEs
- Revenue <200 Mn RMB and total assets <200 Mn RMB
- Meets innovation criteria and no severe security, quality issues or legal risks in the past year
- Scored >60 pts in **tech SME matrix**



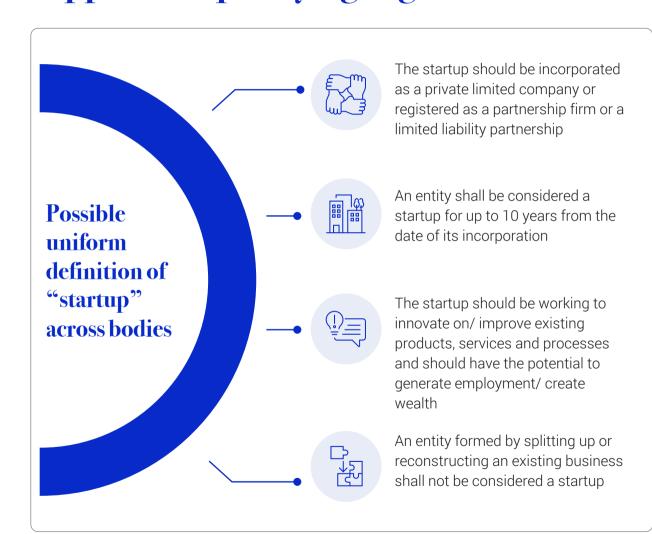
Advanced tech-service enterprise

- Registered in mainland China
- Core business falls into the Advanced
 Technology Services list and contributes
 50%+ revenue
- 50%+ FTEs hold a vocational degree
- Offshore outsourcing revenue >35% of total revenue

Source: www.gov.cn



3. Consider streamlining the definition of "startup" to help ensure policy support for qualifying organizations



Potential policy support for organizations that match the definition of startups

- A Employee-friendly ESOP policies
 - Consider tax implications of ESOPs on sale of shares only (not the year of exercise of the ESOPs)
- B Potential pathways available to retain Indian unicorns
 - Consider simplifying tax structure for reverse-flipping to reduce uncertainty
 - Consider streamlining FEMA requirements for foreign capital flows (in case of reverse flipping)
 - Explore streamlining of IP laws, that could create a smooth pathway for transfer of foreign IP to Indian companies
- Consider bringing LTCG tax on private investment (unlisted, applicable only for startups) at par with listed stock

4. Global example of structured university program for industry collaborations

Top US universities like MIT, Harvard, Stanford, etc. have structured collaborations with corporates to strengthen research and generate IPs



US Industry-University collaboration

US universities have encouraged researchers to collaborate across departments, leading to positive partnerships with the industry and other leading research institutions

Institute-wide programs such as MIT's Corporate Relations' Industrial Liaison Program, Stanford's Industrial Affiliate Programs, Harvard's Office for Sponsored Programs, etc. form a conduit between the industry and leading academic institutions



Highlights of the collaboration

MIT

+008

Companies collaborating with faculty and students

\$80 Mn+

Total licensing revenue received by program in FY23

Stanford University

4000+

Active technologies patented

\$50 Mn+

Total licensing revenue received by program in FY23

Harvard University

160+

Startups formed using Harvard IP in last decade

\$4.4 Bn

Raised in financing by Harvard-led startups



Factors contributing to success

Secure IPs

Dedicated technology licensing offices at these institutes securely move innovations and discoveries from the lab to the market

Business-ready talent

Students are prepared for corporate partnerships through industry-focused courses like Global Operations program, System Design and Management program, etc.

Access to industry knowledge

US institutes provide industry tech professionals a gateway to research, knowledge and expertise through advanced education programs designed specifically for them

Source: Websites of MIT, Harvard and Stanford University





4. Explore structured collaboration between Indian academic institutions and corporates

Possible shifts



Improve academia and corporate collaboration

Assess creation of innovation centres within universities, in partnership with corporates, to provide dedicated programs for students and researchers



Early offshoots



IIT Madras's successful startup incubation model in collaboration with corporate India could serve as a model for success across other premier institutes in India

200+

startups supported

3000+ jobs created

100+

incubates

INR 1700 Cr+

angel funding

75+

startups in the market

100+

patents filed



Increase incubation and seed funding for startups

Build network of incubators and accelerators by leveraging local successful entrepreneurs to provide mentorship





400+

startups supported

INR 2600 Cr+

funding raised

Structured **seed funding programs** along the lines of **D-Labs at ISB** could be used to cultivate startups at a university-level

80+

funded startups

250+

mentors and experts

jobs created

2500+

Source: Websites of IIT Madras and Indian School of Business

5. Support building an employable workforce in India via corporate training and apprenticeship model

A potential approach to consider for collaboration between training institutes, corporations and government



Corporates

- Train the trainers to ensure high quality
- Co-fund ITIs, enabling expansion of training programs
- Collaborate with ITIs to
 - Co-design joint programs
 - Share own training curriculum
 - Deliver training
 - Extend placement support
- Encourage employee participation through pay raises and promotion/sponsoring trainings
 - Offer internships/apprenticeship program for further field training

Training institutes

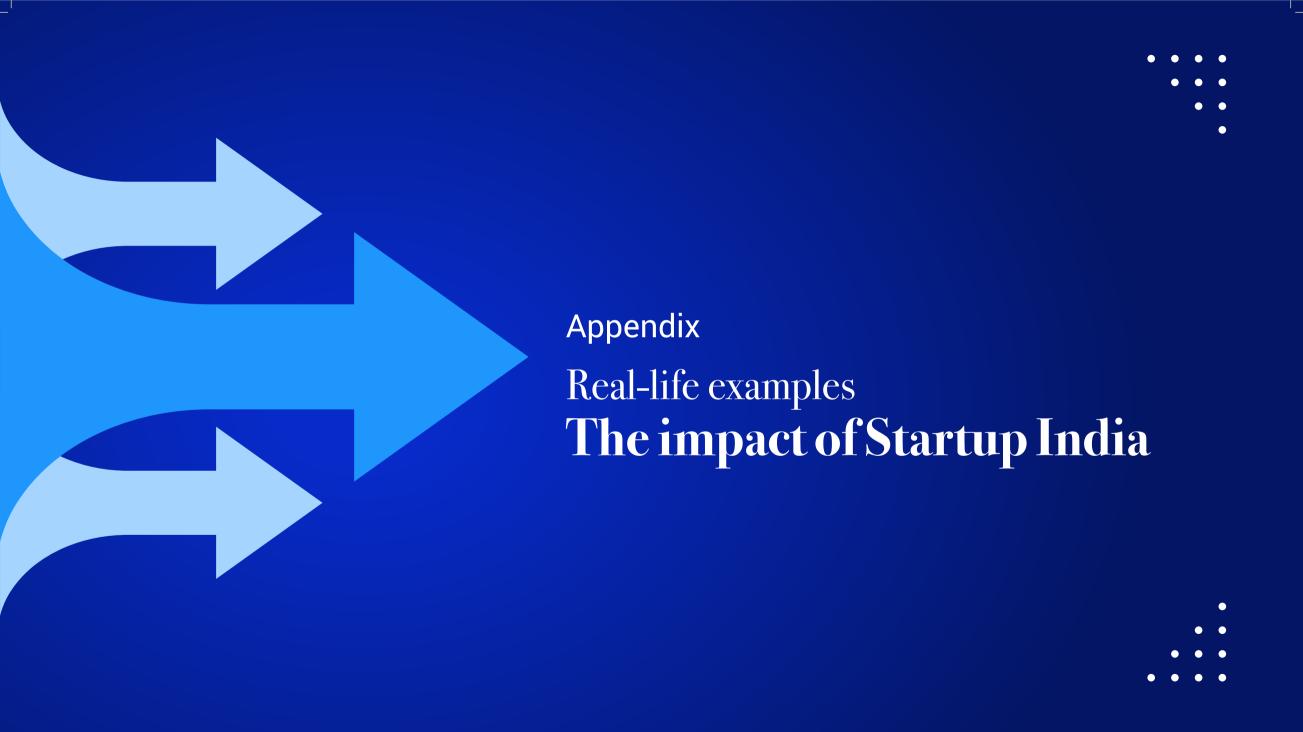


- Collaborate with corporates and startups to build training programs
- Provide infrastructure and material to co-deliver training

Government



Explore corporate partnerships for providing training support





MPACT

•• New opportunities for a local technician





Fursat Ali, Delhi

Sole-earner for his family

Service partner at **Urban Company**



Arrived in Delhi and worked at a local shop as a technician. with inconsistent work and wages and no advantage besides income

Registered as a

service partner

(AC technician) with Urban Company when

nudged by a friend



Started getting work from residential apartments in nearby areas, could work on his own and controlled working hours



Steady income enabled him to get a personal loan to renovate his house in his hometown in UP



Was promoted as a **Subject Matter** Expert trainer internally, fulfilling his dream of

teaching others

Company's skilling programs infused him with greater confidence in technical skills and customer interactions



Along with his income and job advantages, Fursat has also achieved a sense of dignity and pride!



Doubled his income

with additional incentives like insurance cover for family







MPACT

Empowering a female warehouse worker

4 purplle



Suvarna, Mumbai

Warehouse worker at Purplle, Mumbai



With limited education and money, worked as a housewife, lacking the confidence and family support to apply for a job

> Joined Purplle as a warehouse worker in

Mumbai, encouraged by a

female-dominated working environment



Gained family's full support to work thanks to security measures taken by Purplle for women staff, incl. female team-leads,, and door-todoor drop services during night shifts



Was trained, mentored and upskilled daily in core warehousing skills



Steady income helped to eventually **buy a** house with her own money

> Today, advocates the importance of financial independence to all the women in her family!



Used her earnings for a few months to pay family expenses



Enjoyed the family-like working environment, safer, more hygienic working conditions

Increased market access for a small local business



Comfort Zone has now established customer trust across India and plans to further grow the business!



Comfort Zone

Small mattress manufacturing business, Jaipur



Comfort Zone, an 18-year-old mattress manufacturing business in Jaipur, used to fulfill 4-5 orders a day, selling to local retail stores

Benefited from increased reach to get to 8-9 orders per day in no time

> Studied customer feedback and seller analytics to launch new product categories like sofa-cum-beds





Hired 12-13 staff **members** to meet

increasing demand

Gradually increased sales to 30-40 orders per day, with 80% business coming online





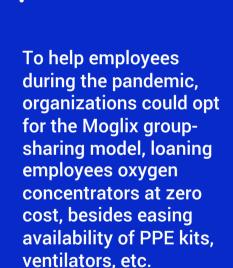
Registered as seller on

Flipkart platform, under

the 'Flipkart Samarth' program and could sell directly to customers

Access to crucial medical supplies during the pandemic





Community initiatives

Initiative supported by:





Situation context

At the peak of the COVID-19 pandemic. India faced a lack of vital medical supplies, including oxygen concentrators, PPE kits, and ventilators

Offerings

A group-sharing model: Employees could get an oxygen concentrator at zero fee for self or family for 3-7 days, returning it to the company thereafter for reuse (at zero fees)

Moglix also procured and delivered PPE kits, globally sourced low-cost components for oxygen ventilators, and ensured just-in-time delivery of Zeolite at PSA oxygen plants for the UP government

Impact of initiative

4 Mn individuals served

2000+ O₂ concentrators supplied

15 Mn+ PPE kits and other safety items supplied

20+ countries served, globally

55,000 rural frontline workers (ANM, ASHA and Anganwadi) served



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The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9,000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 300,000 enterprises from 286 national and regional sectoral industry bodies.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

As India strategizes for the next 25 years to India@100, Indian industry must scale the competitiveness ladder to drive growth. It must also internalize the tenets of sustainability and climate action and accelerate its globalisation journey for leadership in a changing world. The role played by Indian industry will be central to the country's progress and success as a nation. CII, with the Theme for 2023-24 as 'Towards a Competitive and Sustainable India@100: Growth, Inclusiveness, Globalisation, Building Trust' has prioritized 6 action themes that will catalyze the journey of the country towards the vision of India@100.

With 65 offices, including 10 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with 350 counterpart organizations in 133 countries, CII serves as a reference point for Indian industry and the international business community.

Confederation of Indian Industry

The Mantosh Sondhi Centre, 23, Institutional Area, Lodi Road, New Delhi – 110 003 (India)

T: 91 11 45771000 • E: info@cii.in • W: www.cii.in

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