

Vikasit Bharat 2047

Roadmap for... Textile Engineering Industry!!!



Suvin

Avinash Mayekar

Viksit Bharat



Zero-poverty



Farmer Welfare



Women Empowerment



Education



Improvements for middle class



Healthcare



National Security



Economic Development



Ease of doing business



Infrastructure



Technology

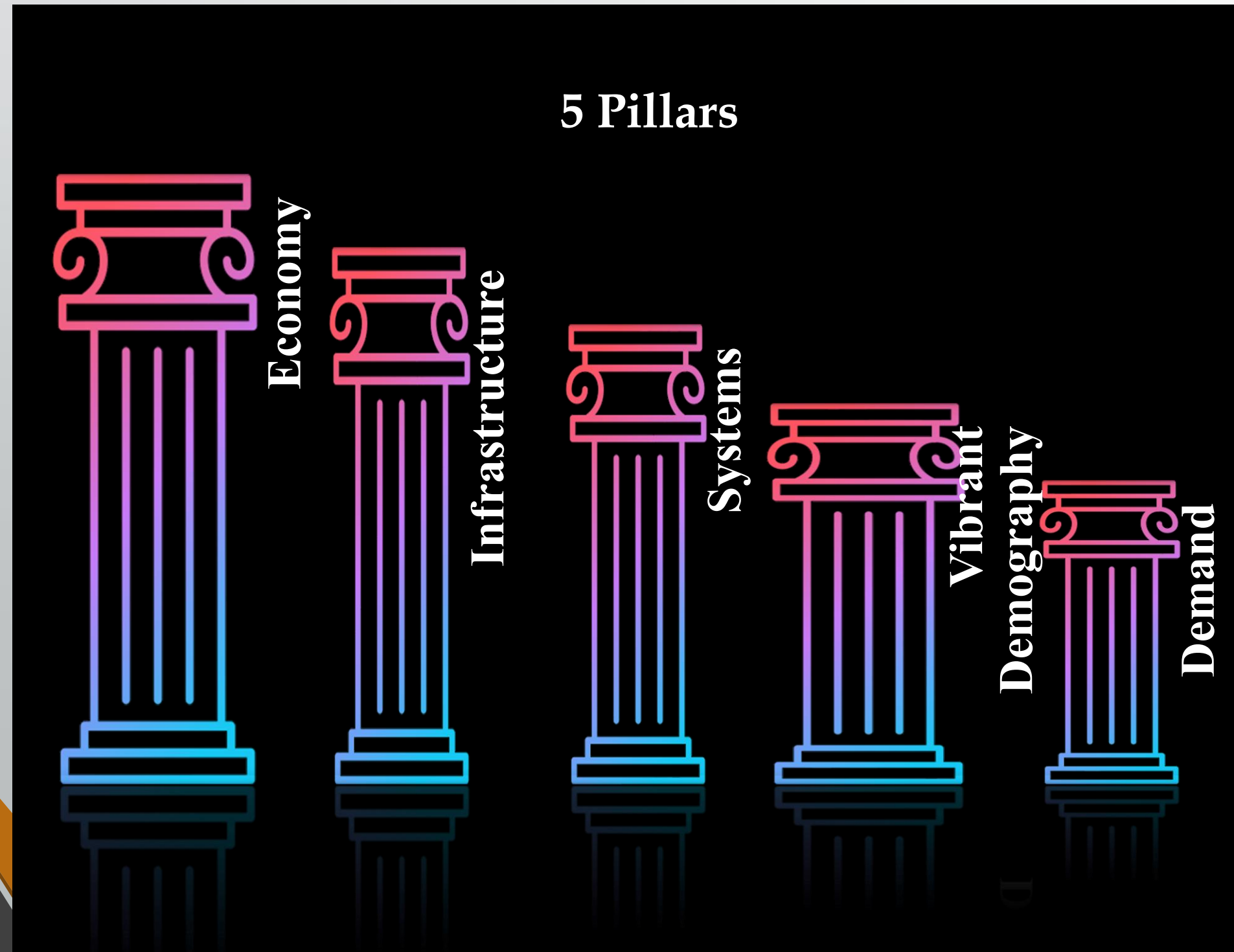


Sustainability





AATMA-NIRBHAR BHARAT



AATMA-NIRBHAR
BHARAT

Indian Textile Industry

The total exports during FY25 stood at Rs. 3,12,540 crore (US\$ 36.61 billion)
Main Contributors: RMG (44%), Cotton Textiles (33%), and Man-Made Textiles (13%)



Fibre

Cotton production projected to reach 7.2 million tons by 2030
Cotton\ MMF ratio: 60:40
Yield – Much lower



Yarn

Production grew to 5,481 million kgs in FY24 and 2,752 million kgs in FY25 (April-September)



Fabric

In FY2024
Production: 7210 Million Sq Mtrs
Cotton share: 52%
MMF: 23.6%
100% non cotton: 24.3%



Garments

Export of US\$ 15,989 million has the largest share (44%) in the total exports



Technical Textiles

Globally 5th largest market
15% CAGR
US\$ 45 Bn by 2026



Vision 2047

Exports Target: US\$ 600 billion
Domestic Market: US\$ 1.8 Trillion
Technical Textiles US\$ 309 Billion

SIGNAL ANALYSIS



- Always helps in deciding road map
- We can decide where we can go fast & where we need to stop
- Sometimes we need to introspect & decide future course of action
- Also, we need to change our gears accordingly

Fibre



- Against global ratio
- Rain fed cotton crops
- Quality issues



- Huge potential
- Reliance Polyester
 - Grasim Viscose



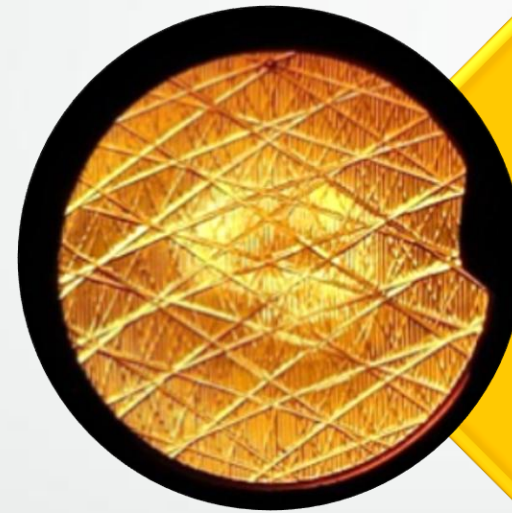
- Huge production area
- Variety of fibres
 - Self reliance
 - Innovations

Yarn



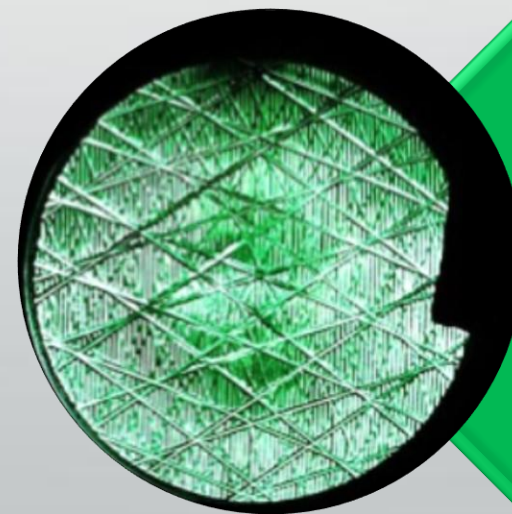
Global dependency

- Cone winding machines
- O E spinning machines
- Air jet spinning



Growing potential

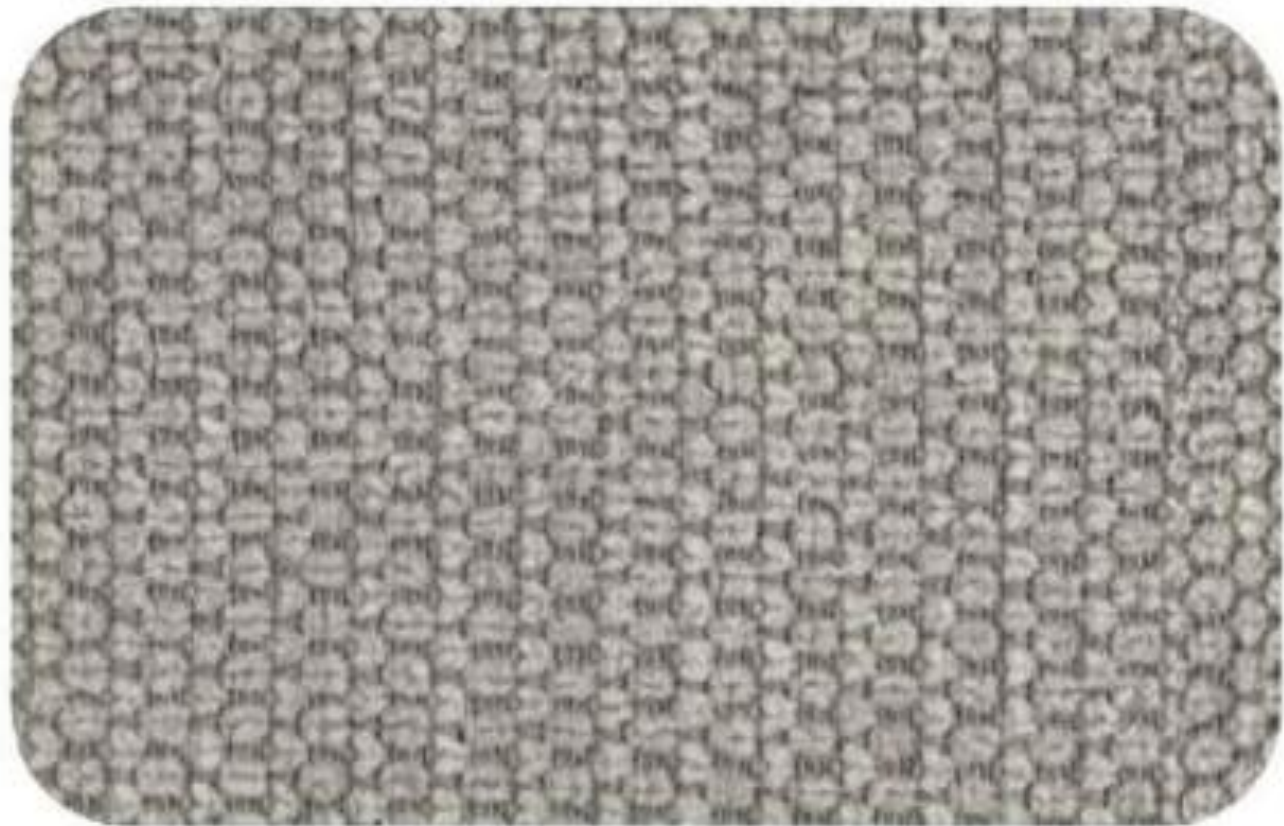
- In-house technology
- Global market share
- Competition within country



Inherent skills

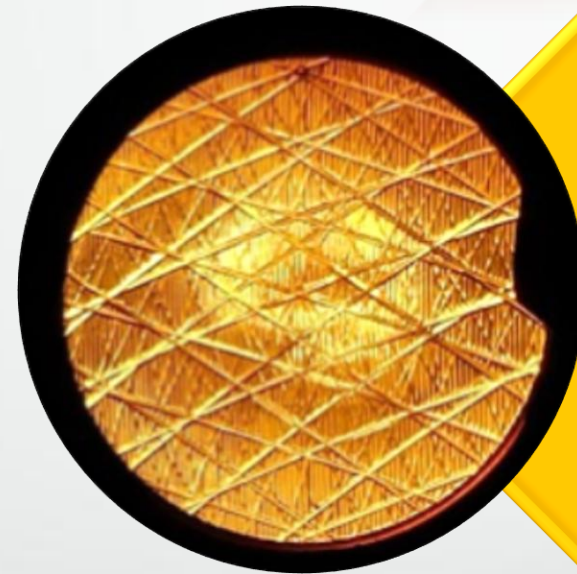
- Strong Domestic market
- Appropriate Spinning Technology
- Complete eco system

Grey Fabric



Dependency on imported technology

- Shuttle less machines
- Automation



Huge potential

- Variety of fabrics
- Rich culture
- Traditional fabrics
- Woven Technical textiles

• Woven Technical textiles



Promising sector

- Well developed Preparatory Technology
- Hand loom sector

Process Fabric



Dependency on imported state-of-the-art technology

- Automation



Huge potential as it is a weak sector in entire value chain



Technology development in full swing
Players like Colorjet & Yamuna are developing world class machines

Garments



- Dependency on technology
- Low plant efficiency
- Lower number of brands
- Compliances

• Compliances



- Huge domestic market
- Opportunities in made-ups



Huge manpower

- Inherent skills
- Good traditional demand
- Domestic market

Technical Textiles



- Imported Technology
- Speciality fibres & finishes



Tech savvy people

- Innovative products
- Need of the hour



Increasing awareness

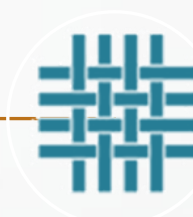
- Huge domestic market
- Growth potential CAGR ~10%
- Growing infrastructure

Indian Textile Machinery & Accessory

FY 2020-25, Machinery growth: 17%. India imports about 80% of textile machinery



Spinning



Weaving



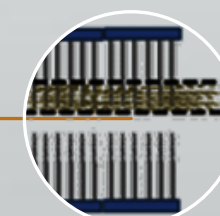
Knitting



Processing



Garmenting



Nonwovens

Indian Machinery Industry

Last five year average value (2020 – 2024)

<i>Value in Mn. USD</i>	<i>Production</i>	<i>Export</i>	<i>Import</i>	<i>Consumption</i>
Spinning	841.80	656.60	979.40	1164.20
Spinning Spares & Accessories		102.20	91.00	
Weaving Preparatory		8.63	30.98	
Weaving Machinery	91.40	34.40	589.00	645.60
Weaving Spares & Accessories		24.00	79.80	
Knitting	8.20	5.80	341.40	344.20
Knitting Spares & Accessories		15.01	55.96	
Processing	144.00	76.80	221.00	288.40
Processing Spares & Accessories		37.81	25.69	
Garmenting		64.60	283.40	
Garmenting Spares & Accessories		10.64	21.35	

Indian Textile Industry

2nd

Largest Employment Provider

5th

Global rank – Textile Market

45
Million

Direct Employment

13%

Industrial Production

2.3%

Gross Domestic Product

12%

Export Share



Largest producer
of Jute



2nd Largest
producer of raw
cotton



2nd largest
producer of
cotton yarn



2nd largest
producer of
cellulosic
fibre/yarn



2nd largest
producer of silk



5th largest
producer of
synthetic
fibre/yarn



8th largest wool
producer

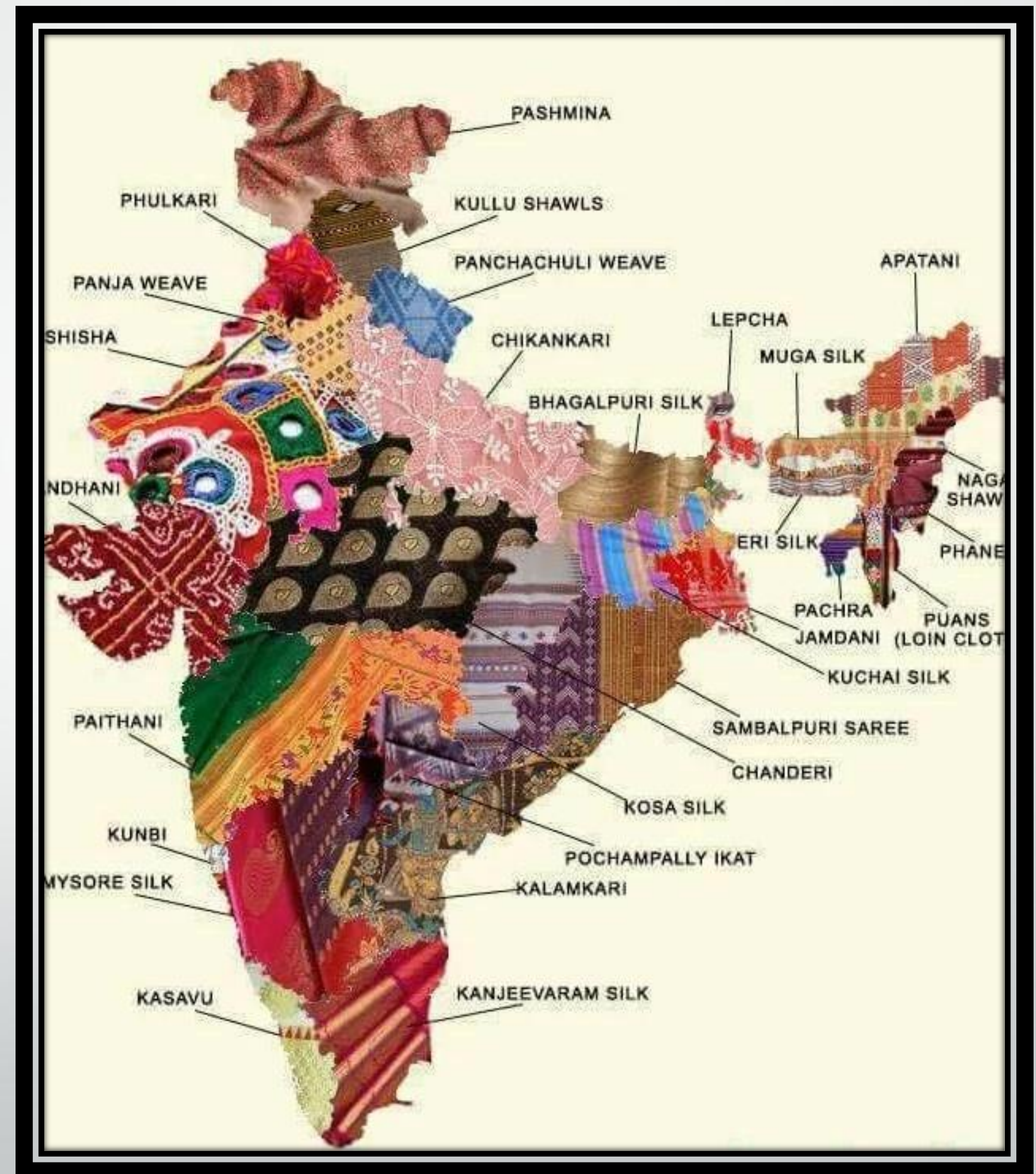
Manufacturing Hub

Government's focus to develop manufacturing excellence and bringing FDI across machinery sectors?



Textile Diversity

Concentration on Textile Value chain development will boost more demand for quality textile machinery



Operational Excellence

The rising operating cost in EU should be considered as an opportunity for us

India's economic operating cost and skilled workforce will be crucial in developing appropriate textile technology



Strategic Partnerships

India's domestic market, ease of access to textile manufacturing countries, skilled engineering workforce, ethical practices, success stories will form a platform for collaborations



Innovation & Customization

Rising demand for sustainable solutions and technology focused on niche domain



Future of Indian Textile Engineering Industry



Which Sectors will grow in India?

India's concentration on value chain enhancement will see growth in following sectors



Knitting

Complete value chain



Weaving

Specialized woven fabrics



Processing

Appropriate technology
Eco friendly approach
Advance process controls



Apparels

Casual wear
Fashionable work wear
Functional garments



Technical Textiles

Recycling & Sustainability
Nonwovens
Woven Technical Textiles
Functional textiles

Merits & Demerits of India



Huge Domestic Market

- Indian textiles and apparels are projected to grow at a 10% CAGR to reach US\$ 350 billion by 2030



Manufacturing Excellence

- Established players in Spinning segment and global competitors having manufacturing units in Country is a testament for readiness of India



FDI & FTA's

- FDI inflow Rs. 29,291 crore (April 2000-December 2024)
- 14 FTAs & 6 PTAs (as on Aug 2025)



Technology Level

- Consistent and quality technology not completely developed across value chain



Supply Chain Ecosystem

- Lack of raw material
- Heavy dependence on imports for electronic components, drives, motors etc.



Financial Support

- Proper Textile Policy
- No direct benefits for textile technology machinery development in India

Future of Fibers

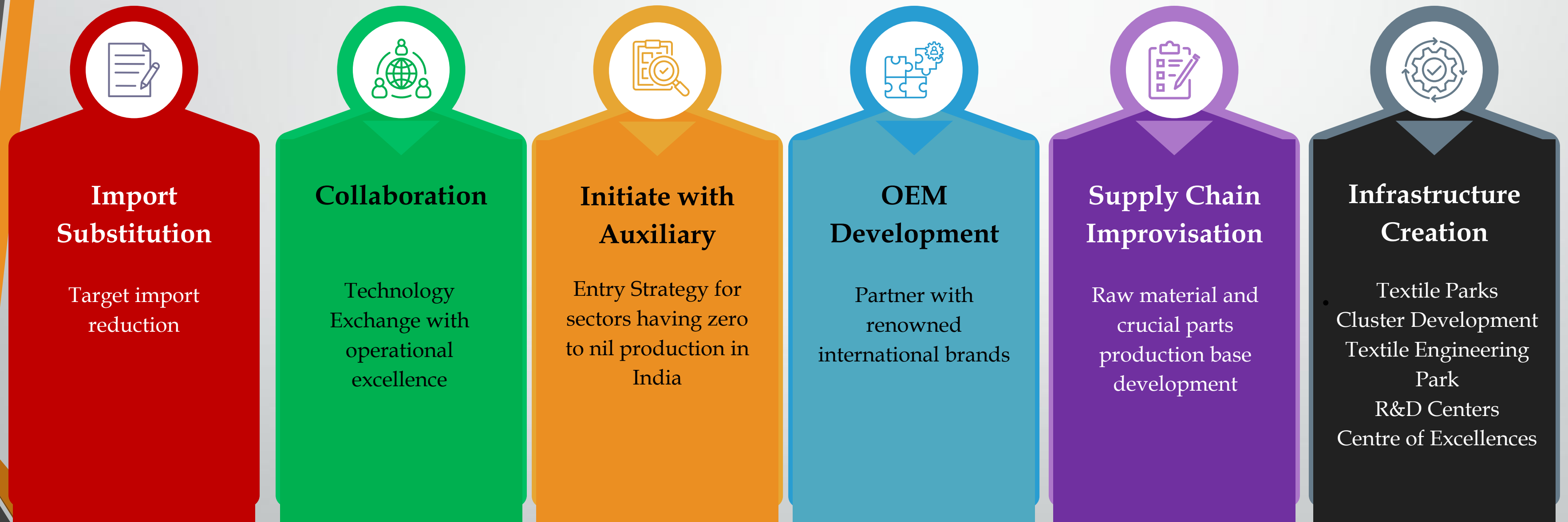


- Key Trends for Fibre selection
 - Sustainability
 - Traceability
 - Circularity

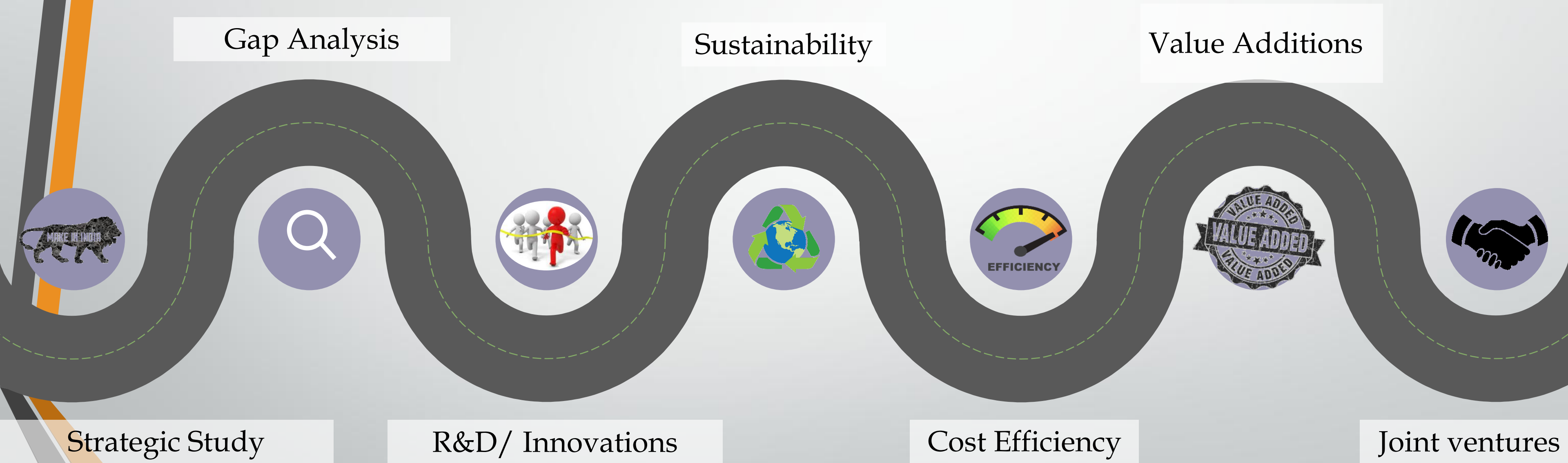
Technologies for India



India's Strategy for Vikasit Bharat



Roadmap

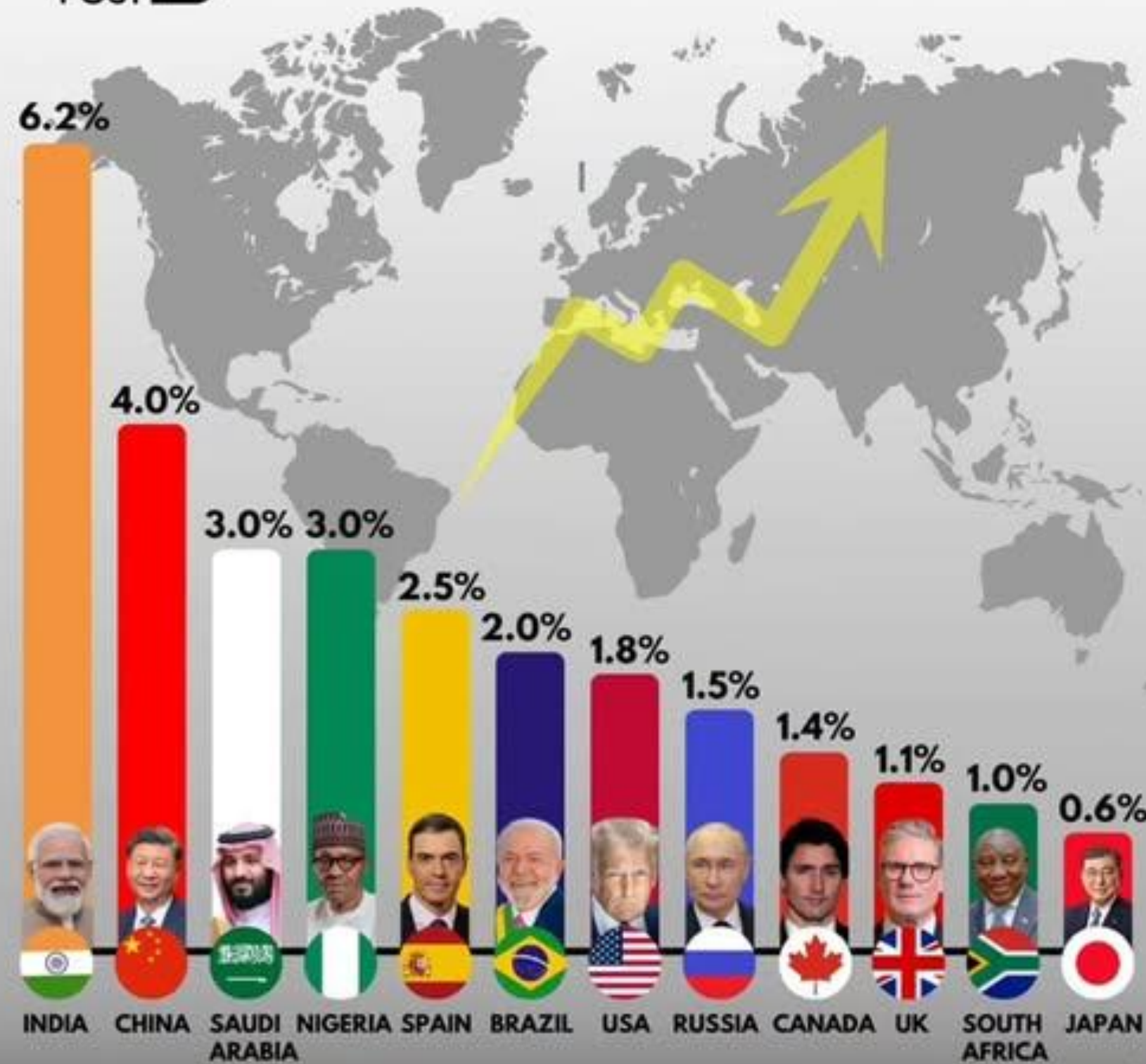




India- A Rising Space Power

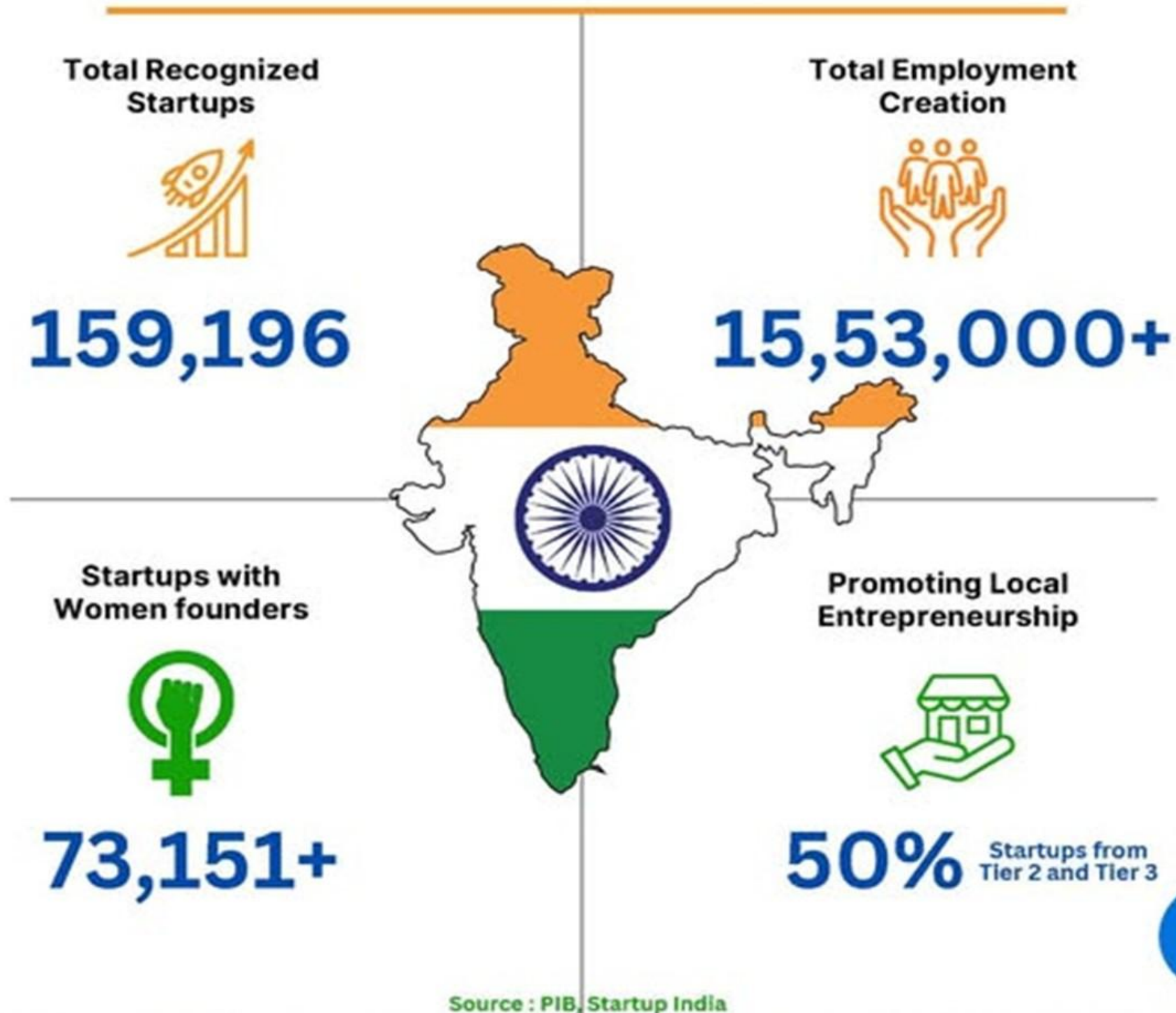


Global Positioning...



Fastest Growing Economies in 2025

Indian Startup Ecosystem



Weaknesses

*We need to work towards
our potential to grab
opportunities by overcoming
our weaknesses...*



EMPLOYMENT GENERATION



Job Creation...



Suvin





Create roads & overcome roadblocks

Come Out of Your Shell

Collaborative Approach...



Care for Environment...

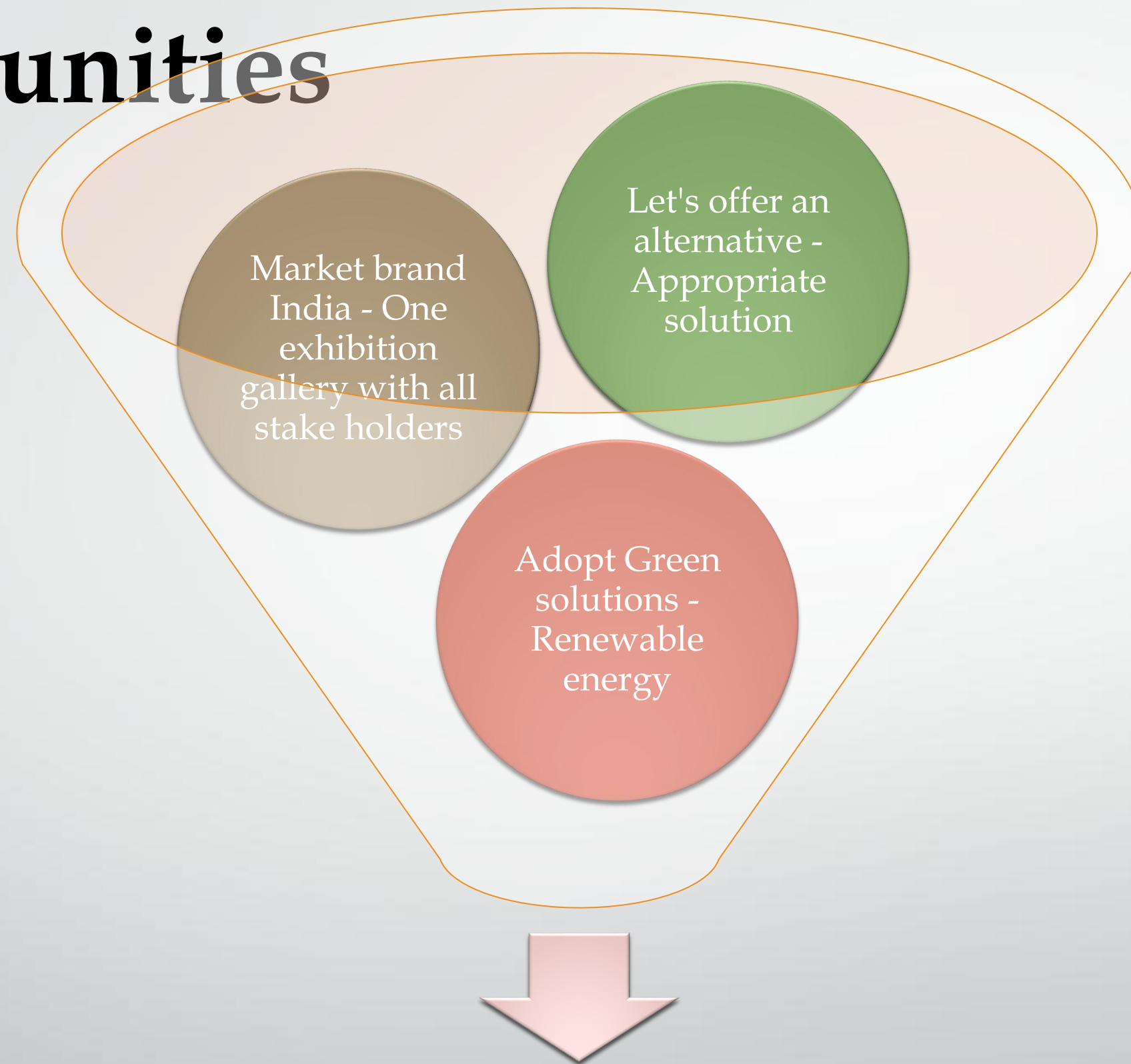


INDIA

BRAND

Global Branding...

Opportunities



No compromises on technology
- Tech savvy solutions

How will we achieve it?

- Innovative Marketing
- Auxiliary Business Model
- Technology Partnership
- Modifications based on Feedback
- Service & Consistent quality
- Mass scale Production
- Target JV Partners





**Viksit
Bharat**

Begins with you...

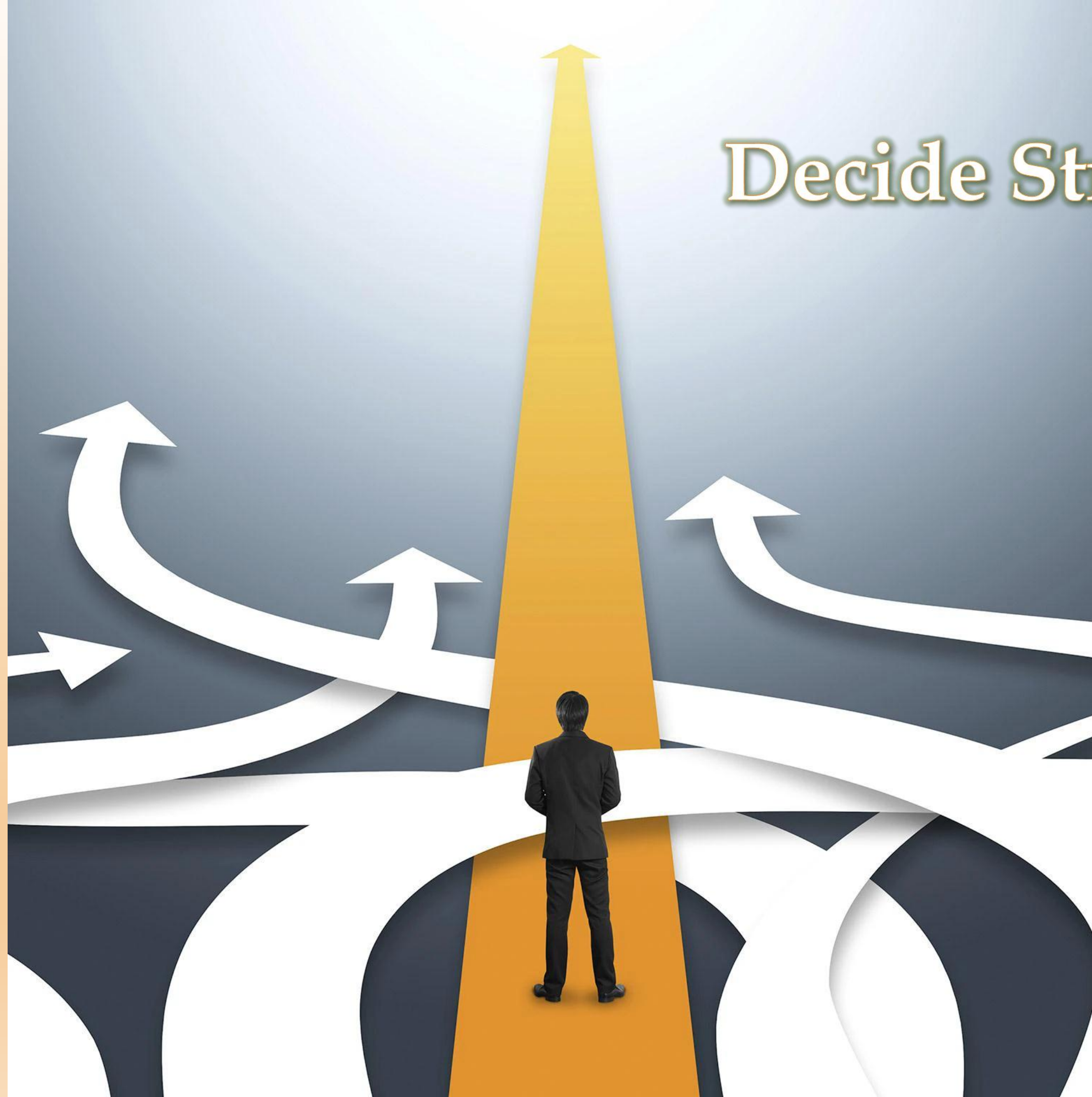


Hit the right target...



Suvin

Decide Strategy...





Consult Right People...



Suvin

Way Towards Self-Reliance



INDIA - Vikasit Bharat

THANK YOU!

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