

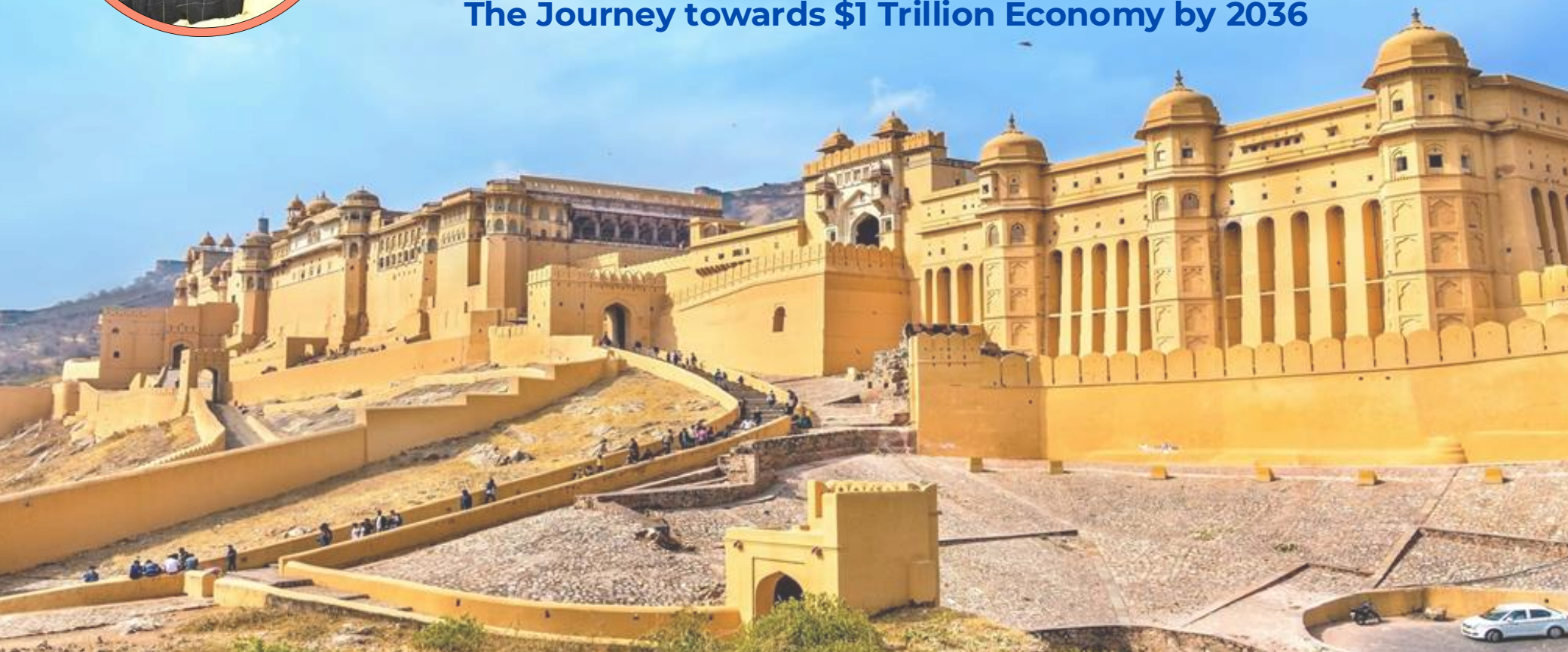


GLOBAL FORUM FOR SUSTAINABLE TRANSFORMATION,  
BHARAT ADVISORS & PARTNERS LLP, AND  
GOVERNMENT OF RAJASTHAN

Shaping the next era of governance

# Rajasthan Tech AI

The Journey towards \$1 Trillion Economy by 2036



**Rajasthan – The Incredible State of India**



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**Conceptualisation:** GFST Team

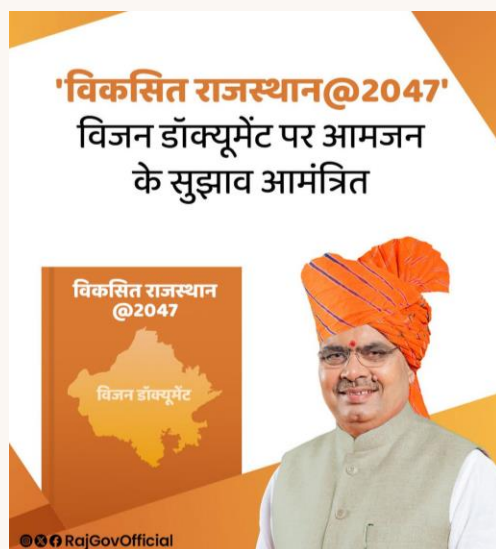
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# Viksit Rajasthan@2047: Paving the Path to a \$4.3 Trillion Economy with Sustainable Growth and Innovation



**Shri Bhajan Lal Sharma**  
Hon'ble Chief Minister Rajasthan

The state government has committed to ten key developmental resolutions, which will serve as stepping stones to long-term prosperity



Achieving a **\$350 billion** economy by 2028-29 and a **\$4.3 trillion** economy by 2047



**Boosting tourism, art and cultural heritage** as economic drivers



**Infrastructure expansion**, including roads, rail, airports and smart cities



**Green growth and environmental sustainability**



**Enhancing quality** of life through improved civic amenities.



**Human resource development**, emphasising education, healthcare and skill-building



**Agricultural growth and farmers' welfare**, with sustainable and technology-driven solutions



**Strengthening social security** for vulnerable communities



**Industrial development and investment promotion**, making Rajasthan a manufacturing and service hub



**Good governance and digital transformation**, ensuring efficient public services



# SHAPING THE FUTURE, DRIVING THE NEXT-GEN GOVERNANCE



## GLOBAL FORUM FOR SUSTAINABLE TRANSFORMATION



# GFST

**GFST Catalysing Rajasthan's Growth  
Through AI-Led Governance  
Targeting \$1 trillion by 2036 and  
Zero Poverty by 2030**

**We Are Transforming Governance  
Through Innovation, Technology, and  
Impact, Under the Visionary  
Leadership of  
Shri Nara Chandrababu Naidu**

A multi-stakeholder think tank driving government transformation through AI, ML, Blockchain, and GovTech aligned with Viksit Bharat 2047 and SDG goals, powered by visionary leaders, seasoned bureaucrats, and expert technocrats.

### Cross-Sectoral Workshops

Map data sources and pain points for each goal

### Live Dashboards

Enable real-time governance for ministers and administrators

### 5-Year Action Plans

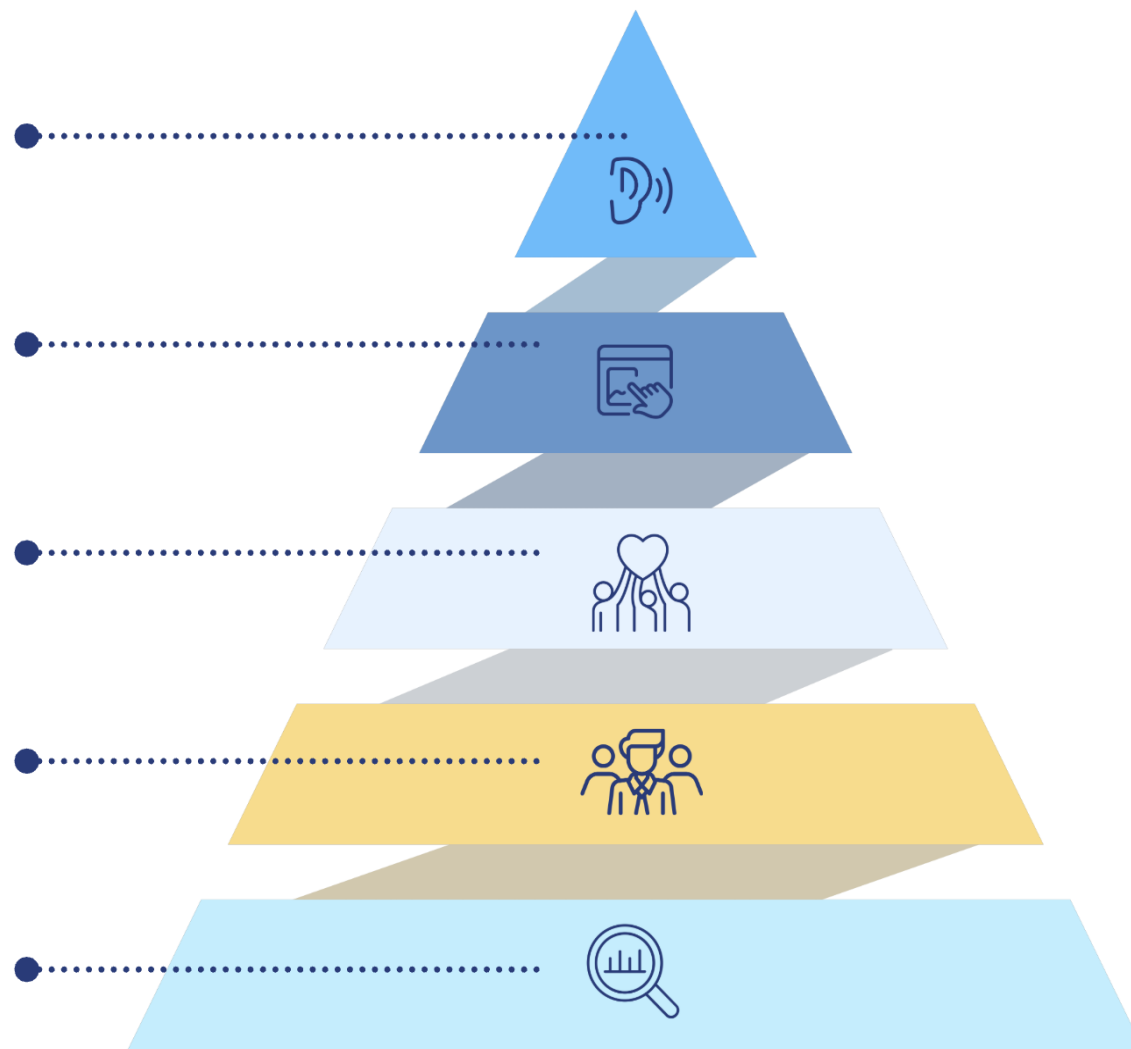
Provide actionable plans with tech support and KPI logframes

### Policy & Outcome Institutionalization

Institutionalize policy and outcomes with continuous handholding

### Integrated Growth Framework

Define a realistic growth framework backed by measurable success





**S.P. Tucker, IAS (Retd.)**  
**Vice Chairman & Director**

## About Global Forum for Sustainable Transformation (GFST)

Accelerating Governance through Technology & Partnerships  
The Global Forum for Sustainable Transformation (GFST) helps governments adopt AI, ML, Blockchain, and DeepTech to improve governance. We bring together policy experts, technologists, and administrators to deliver data-driven, inclusive, and transparent development—aligned with Viksit Bharat @2047 and global SDG goals

## Meet the Team Driving the Transformation



**Sanjay Gupta, IFS (Retd.)**  
Chief Executive Officer



**Sridhar Seshadri**  
Director  
Global Foresight &  
Innovation



**Shreeram Iyer**  
Director  
Global Impact



**Raghav Bhandari**  
Bharat Advisors  
& Partners LLP



**Gaurav Gandhi**  
Bharat Advisors  
& Partners LLP

## From Heritage State to Global Growth Hub: A Decade of Purpose-Driven Transformation

The transformation strategy is powered by four strategic accelerators: Urbanisation, Industrialisation, Digitisation, and Sectoral Deepening.

**Core Growth Engines** will amplify tourism, manufacturing, livestock, and real estate sectors that leverage competitive advantages. Emerging Sectors will scale aquaculture, green energy, financial services, and digital technology to diversify economic base.

**People & Productivity** initiatives will upskill workforce for 20% employment growth in services, healthcare, and hospitality sectors. **Innovation & Governance** will deploy AI/ML dashboards, GFST's 45-day innovation sprints, and real-time KPI monitoring for responsive administration.

**Inclusive Development** will strengthen livestock value chains, empower Self-Help Groups, enhance rural-urban linkages, and promote wellness tourism that creates opportunities across all communities.

This integrated approach positions Rajasthan to lead India's growth story with purpose, scale, and sustainability—transforming from a culturally rich heritage state into a dynamic global growth hub.







	Chapter	Page
1	<b>Vision for Growth: Rajasthan's Economic Ambitions</b> (GSDP Expansion and Rising Per Capita Income)	1
2	<b>Sectoral Landscape: Contributions &amp; Performance Overview</b> (Agriculture, Industry, Services – Current Share and Trends)	7
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# CHAPTER - 1

## **Vision for Growth: Rajasthan's Economic Ambitions**

(GSDP Expansion and Rising Per Capita Income)



# 1. VISION FOR GROWTH: RAJASTHAN'S ECONOMIC AMBITIONS



## **Rajasthan 2036: Prosperity with Purpose**

Empowering Growth, Eliminating Poverty — Rajasthan's Dual Vision

GSDP: \$1 trillion economy by 2036 (@ 15.24 CAGR)

PCI: \$30,000 by 2045

Zero Poverty by 2030

by strengthening core growth engines like tourism, manufacturing, livestock, and real estate, while fast-tracking emerging sectors such as digital technology, aquaculture, green energy, and financial services.

Our vision is to build a healthy, happy, and future-ready society — driven by robust healthcare, inclusive livelihoods, sustainable urban-rural development, and next era of governance rooted in reform and innovation



## Urbanize, Industrialize, Digitize — Unlocking Trillion-Dollar Growth

GSDP at current prices for 2024-25: ₹ 17 Lakh Crore.= ~ 190 Billion USD

### Business As Usual (@ 12.5% CAGR):

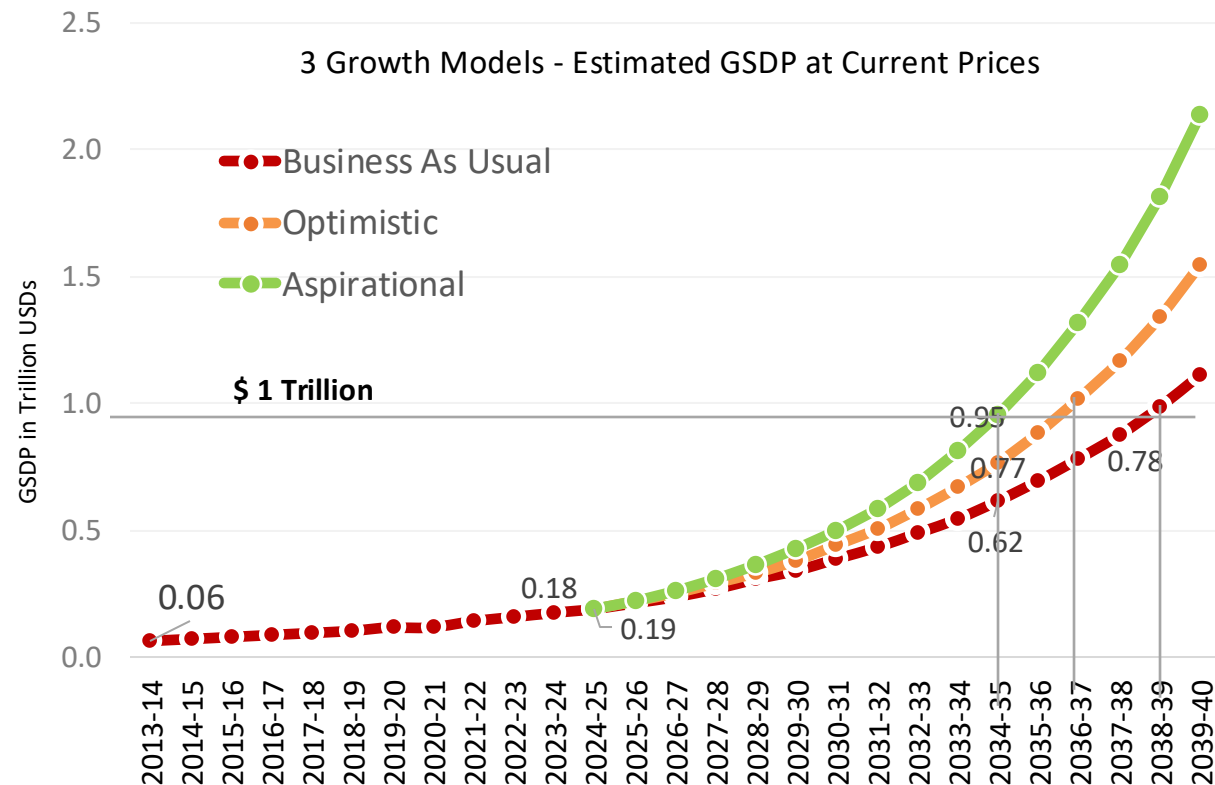
The state will reach One trillion USD economy by **2038-39**, it is growing with the same growth rate of previous 10 years.

### Optimistic Growth(@ 15.0% CAGR):

By pushing the growth engines like tourism, agri-tech, the economy will be doubled for every 5 years. One trillion USD will be achieved by **2036-37**

### Aspirational (@ 17.5% CAGR):

By concentrating further and forcing the growth drivers including urbanization and economic cities, then One trillion USD economy will be reached by **2034-35**.



## Rajasthan 2045: Where Growth Meets Global Standards

PCI at current prices for ₹ 2024-25: 2.07 Lakhs.= ~ 2,405 USD  
21st place (among all states & UTs)

As per IMF study, if any country's Per Capita Income is above 30,351 US Dollars (₹ 22 lakhs), then the country can be an advanced economy status

### Business As Usual (@ 12.5% CAGR):

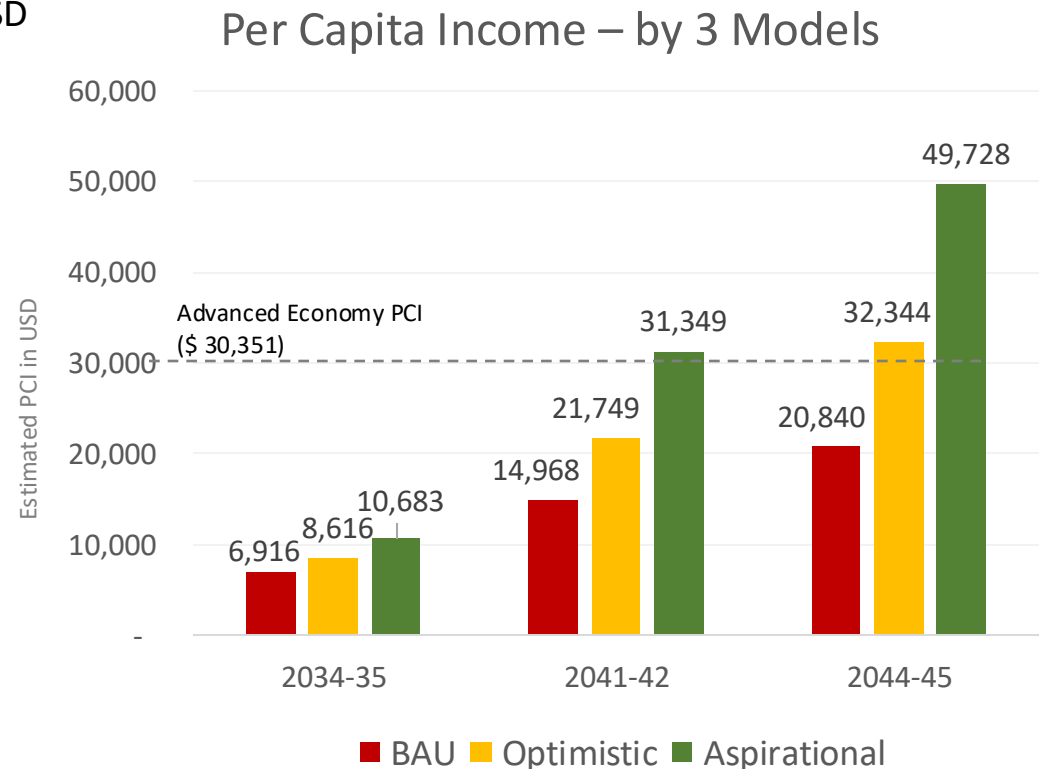
The state can not achieve the advanced status before 2047, with this model

### Optimistic Growth (@ 15.0% CAGR):

The advanced economy status can be achieved by 2044-45 with optimistic growth rate

### Aspirational (@ 17.5% CAGR):

If it is aspirational, then it can be achieved by 2041-42



From \$ 2,400 to \$ 30,000 Per capita income growth needs acceleration  
At least ~15% CAGR to unlock true economic potential by 2045

# WHERE RAJASTHAN STANDS: BRIDGING POVERTY AND DRIVING GROWTH



## Closing the Poverty Gap, Expanding the Growth Map

### Rajasthan Position out of 22 major states

Indicator	Value	Position
GSDP 2023-24 (Lakh crore Rs)	15.2	7 <sup>th</sup>
PCI 2023-24 (Lakh Rs.)	1.87	15 <sup>th</sup>
Poverty	10.8%	15 <sup>th</sup>
Urbanisation (2024)	26.9%	15 <sup>th</sup>
Women Participation	38.0%	4 <sup>th</sup>
Unemployment rate 2024 (all ages)	4.2%	15 <sup>th</sup>
Tourism Rank		5 <sup>th</sup>
Milk Production (Lakh MTs)	343.7	2 <sup>nd</sup>

State	Poverty (%) 2015-16	Poverty (%) 2019-21	Poverty (%) 2023	Per capita income in Lakh Rs.	% Urban population	Primary Sector (%)		Secondary Sector (%)		Tertiary Sector (%)		GSDP in Lakh Crore Rs.
						Economy Share	Employment Share	Economy Share	Employment Share	Economy Share	Employment Share	
Bihar	51.9	33.8	26.6	0.67	12.44	24.44	54.24	18.28	23.55	57.28	22.21	8.53
Uttar Pradesh	37.7	22.9	17.4	1.08	24.31	26.98	56.05	26.13	21.27	46.88	22.68	25.63
Jharkhand	42.1	28.8	23.3	1.16	26.52	22.74	50.9	33.38	27.55	43.88	21.57	4.61
Madhya Pradesh	36.6	20.6	15.0	1.55	29.21	44.55	61.76	19.36	18.53	36.09	19.71	13.54
Assam	32.7	19.4	14.5	1.59	15.80	36.03	47.37	21.7	22.5	42.27	30.13	5.71
West Bengal	21.3	11.9	8.6	1.66	37.63	21.73	38.4	21.22	28.17	57.05	33.43	16.51
Chhattisgarh	29.9	16.4	11.7	1.69	27.76	26.53	64.36	37.89	16.58	35.58	19.05	5.12
<b>Rajasthan</b>	<b>28.9</b>	<b>15.3</b>	<b>10.8</b>	<b>1.87</b>	<b>26.90</b>	<b>30.11</b>	<b>51.52</b>	<b>24.57</b>	<b>23.83</b>	<b>45.32</b>	<b>24.64</b>	<b>15.22</b>
Odisha	29.3	15.7	11.1	2.03	19.19	28.28	49.27	34.61	25.68	37.11	25.04	9.49
Punjab	5.6	4.8	4.4	2.28	42.55	24.97	27.32	28.02	31.87	47.01	40.8	7.46
Andhra Pradesh	11.8	6.1	4.2	2.67	37.69	36.35	46.77	22.05	21.46	41.6	31.78	14.22
Himachal Pradesh	7.6	4.9	3.9	2.81	10.36	14.74	53.98	39.98	22.01	45.28	24.02	2.11
Uttarakhand	17.7	9.7	6.9	2.84	36.83	9.83	42.53	43.46	24.36	46.71	33.08	3.33
Kerala	0.7	0.6	0.5	3.16	79.42	9.6	27.3	23.6	24.17	66.79	48.53	11.4
Maharashtra	14.8	7.8	5.5	3.19	49.07	13.02	43.45	23.26	20.34	63.73	36.21	40.56
Gujarat	18.5	11.7	9.0	3.37	49.71	19.57	42.55	44.64	29.23	35.79	28.21	24.26
Tamil Nadu	4.8	2.2	1.4	3.53	54.58	13	28.16	33.37	33.93	53.63	37.91	27.22
Haryana	11.9	7.1	5.3	3.57	43.26	18.06	27.53	29.02	29.75	52.92	42.73	10.86
Karnataka	12.8	7.6	5.7	3.76	45.37	12.61	46.59	20.02	20.48	67.38	32.93	25.57
Telangana	13.2	5.9	3.8	3.84	49.37	18.03	42.72	16.76	22.52	65.21	34.75	14.64
Delhi	4.4	3.4	3.0	5.16	99.73	0.95	0.27	12.7	28.76	86.35	70.98	11.13
Goa	3.8	0.8	0.4	6.75	77.88	6.37	9.26	51.32	31.62	42.31	59.14	1.07
<b>India</b>	<b>24.9</b>	<b>15.0</b>	<b>11.3</b>	<b>1.89</b>	<b>36.36</b>	<b>19.62</b>	<b>46.30</b>	<b>25.66</b>	<b>23.96</b>	<b>54.72</b>	<b>29.73</b>	<b>304.34</b>

With Lower Poverty and Balanced Sectors, Rajasthan is Poised to Leap Ahead





# CHAPTER - 2

## **Sectoral Landscape: Contributions & Performance Overview**

(Agriculture, Industry, Services – Current Share and Trends)



## 2. SECTORAL LANDSCAPE: CONTRIBUTIONS & PERFORMANCE

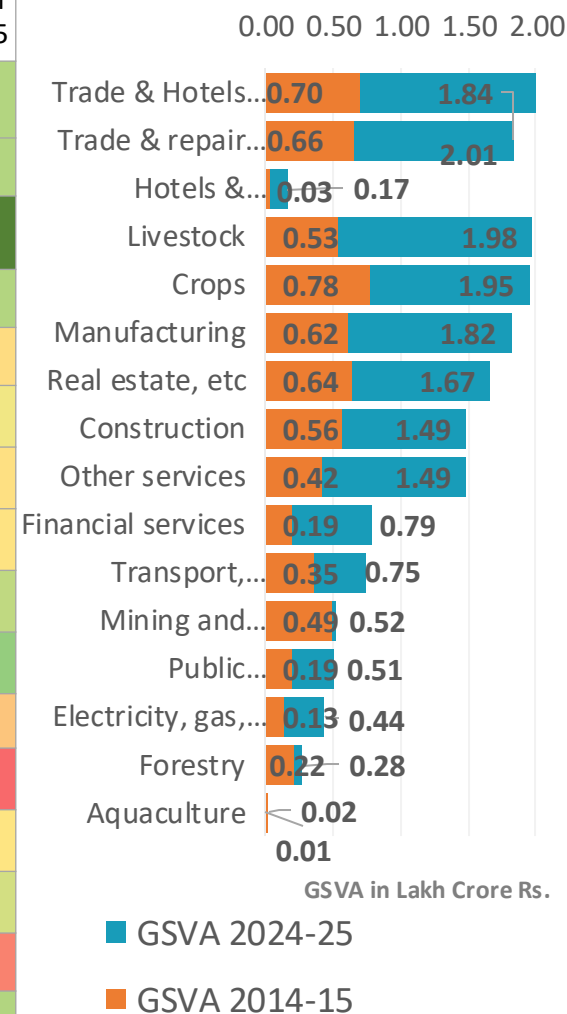
**Growth Drivers:** Livestock, Crops and Tourism (Trade and Hotels, etc)  
**3 sectors with 1/3<sup>rd</sup> share**

**Emerging Sectors:** Manufacturing, Aquaculture, Hotels & Restaurants and Financial Services

**Real estate and construction** together **20%** share with moderate growth rate 11%

- Crops remain the major contributor but with slower growth
- Trade, manufacturing & real estate show balanced performance
- **Mining and quarrying is the weakest performer**

Sector	GSVA 2014-15	GSVA 2024-25	% Share 2014-15	% Share 2024-25	Growth 2015-25
<b>1) Trade &amp; Hotels, etc.</b>	0.70	2.01	11.9%	12.8%	<b>12.5%</b>
<b>1a) Trade &amp; etc.</b>	0.66	1.84	11.3%	11.7%	12.0%
<b>1b) Hotels &amp; restaurants</b>	0.03	0.17	0.6%	1.1%	<b>19.4%</b>
<b>Livestock</b>	0.53	1.98	9.1%	12.6%	<b>15.7%</b>
<b>Crops</b>	0.78	1.95	13.3%	12.4%	10.8%
<b>Manufacturing</b>	0.62	1.82	10.6%	11.6%	<b>12.7%</b>
Real estate, etc.	0.64	1.67	11.1%	10.6%	11.1%
Construction	0.56	1.49	9.7%	9.5%	11.4%
Other services	0.42	1.49	7.2%	9.5%	<b>15.0%</b>
Financial services	0.19	0.79	3.3%	5.0%	<b>17.1%</b>
Transport, storage, etc	0.35	0.75	6.1%	4.8%	8.7%
Mining and quarrying	0.49	0.52	8.4%	3.3%	0.6%
Public administration	0.19	0.51	3.3%	3.3%	11.6%
Electricity, gas, etc.	0.13	0.44	2.3%	2.8%	14.1%
Forestry	0.22	0.28	3.7%	1.8%	2.8%
<b>Aquaculture</b>	0.01	0.02	0.1%	0.1%	<b>15.7%</b>
	5.84	15.70	100.0%	100.0%	11.6%



Source: MoSPI



# CHAPTER - 3

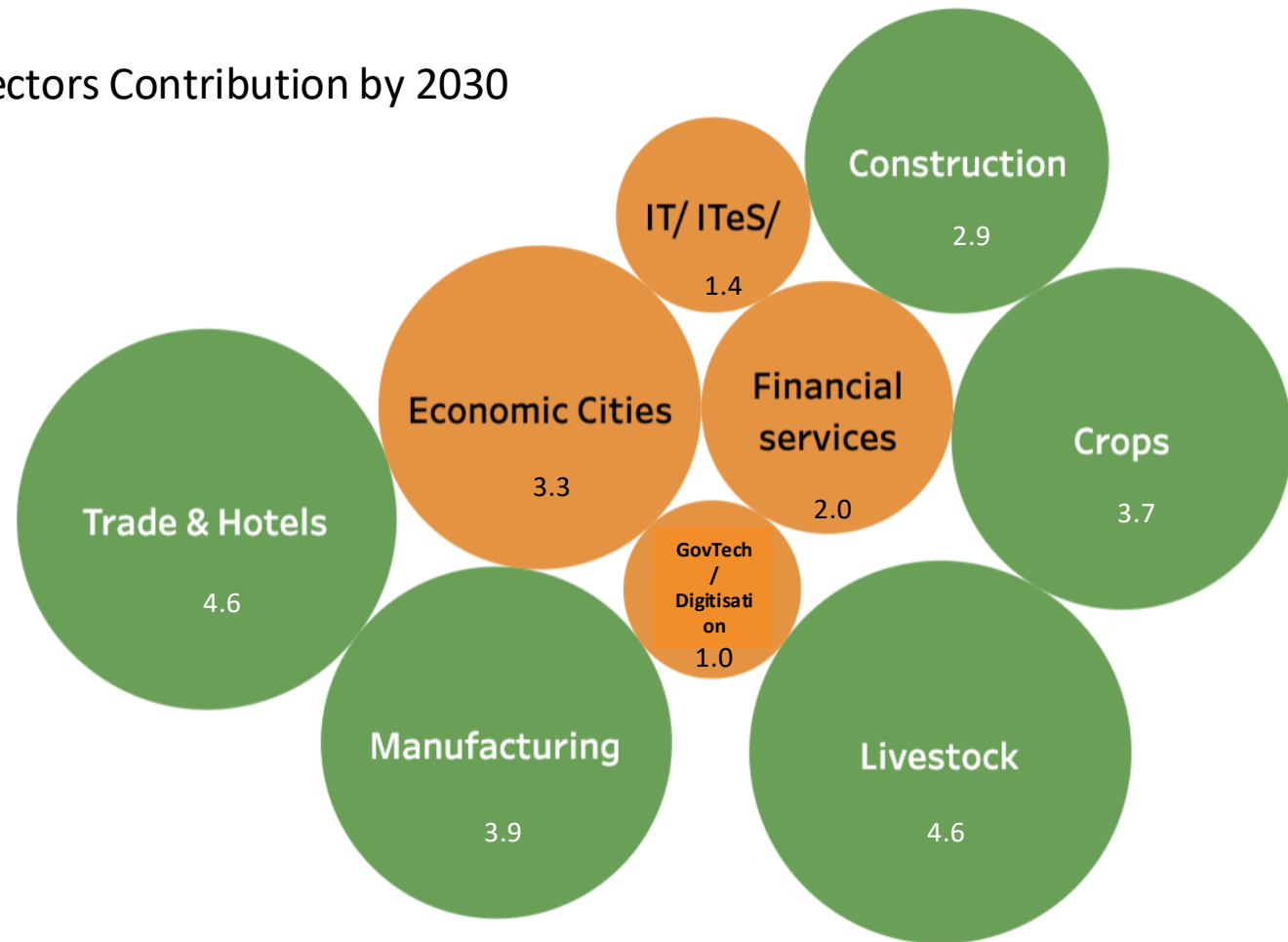
**Driving Momentum: High-Growth & Emerging Sectors**  
(Future-ready Sectors Transforming the State Economy)



### 3. DRIVING MOMENTUM – HIGH GROWTH AND EMERGING SECTORS

#### High Growth and Emerging Sectors Contribution by 2030

- High Growth Sectors:  
₹ 19.7 lakh crore
- Emerging Sectors:  
₹ 7.7 lakh crore



Values in Lakh Crore Rs

# CHAPTER - 4

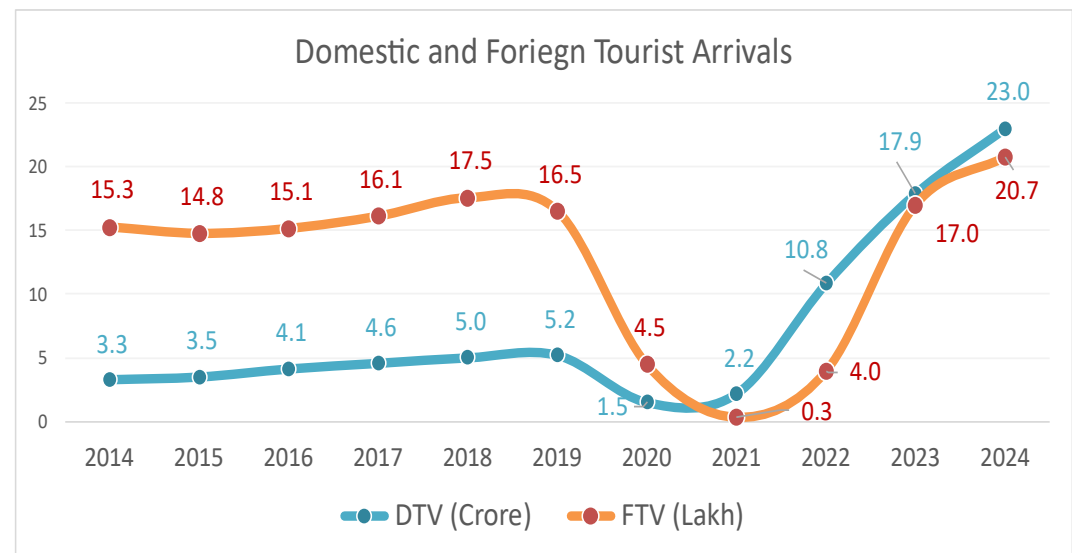
**Sectoral Insights: Behaviour, Challenges & Potential**  
(In-depth Look at Key Economic Domains)





## RAJASTHAN TOURISM 2030: FROM FOOTFALLS TO FORTUNE MORE DAYS. MORE IMPACT.

	2024	By 2030 Estimated
Economy contribution (% of GSVA)	12%	15%
Employment Contribution (Direct & Indirect)	11.3%	20%
Average number of days	3 days	5 days
Average spent per day	Rs. 5,000 to 7,000	Rs. 8,000 to 12,000
Domestic Tourist Arrivals	23 crore	~30 crore (at least)
Foreign Tourist Arrivals	20.7 lakh	27 lakh



- Domestic Tourist Visitors increasing ~ 7 crore per every year after Covid-19
- Foreign Tourist Visitors increased ~16 lakh Visitors for last 2 years

## Livestock - A Pathway To Inclusive Growth And Sustainable Development

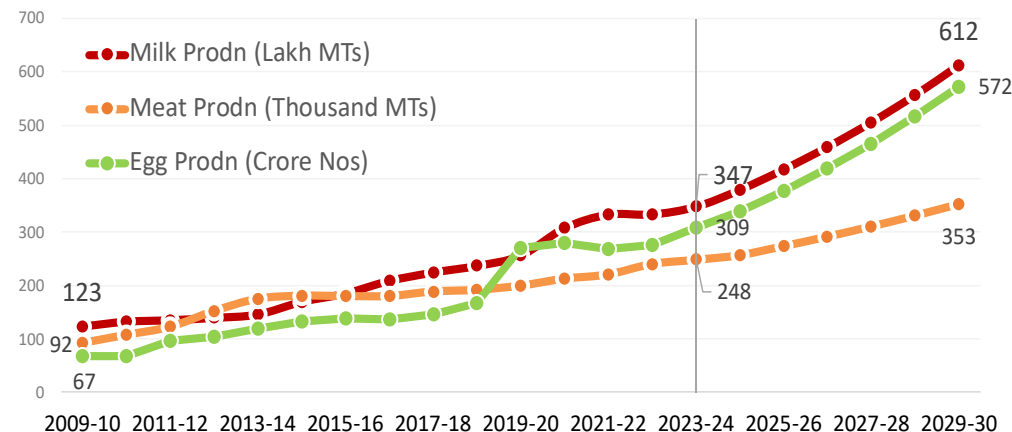
### 2024-25

- 12.6% contribution in state's GSVA
- ~47% contribution in state's Agricultural GSVA

### Strategies to achieve the desired production

- Prepare 5 year action plan with state specific policies, acts, rules
- Accelerated breed development programme: Sex sorted semen
- Quality feed and fodder in adequate quantities through silage, TMR, concentrate feed, area based mineral mixture
- Adopting technologies like Chaf-cutter, balling machine, milking machines, IoT tools
- Ensuring credit through formal institutions, preferably PKCC.
- Ensuring Insurance coverage
- Health care in remote areas through tele veterinary medicine

Milk, Meat and Egg Production



	Production 2023-24	State Share to India 2023-24	State Rank 2023-24	Projected Production by 2030
Milk in Lakh MTs	347.3	14.5%	2	612
Meat In Thousand MTs	248.0	2.4%	12	353
Egg Crore No.s	308.7	2.2%	13	572

## Empowering Rural Livelihoods, Driving Economic Growth, and Reducing Poverty Through Sustainable Livestock Practices

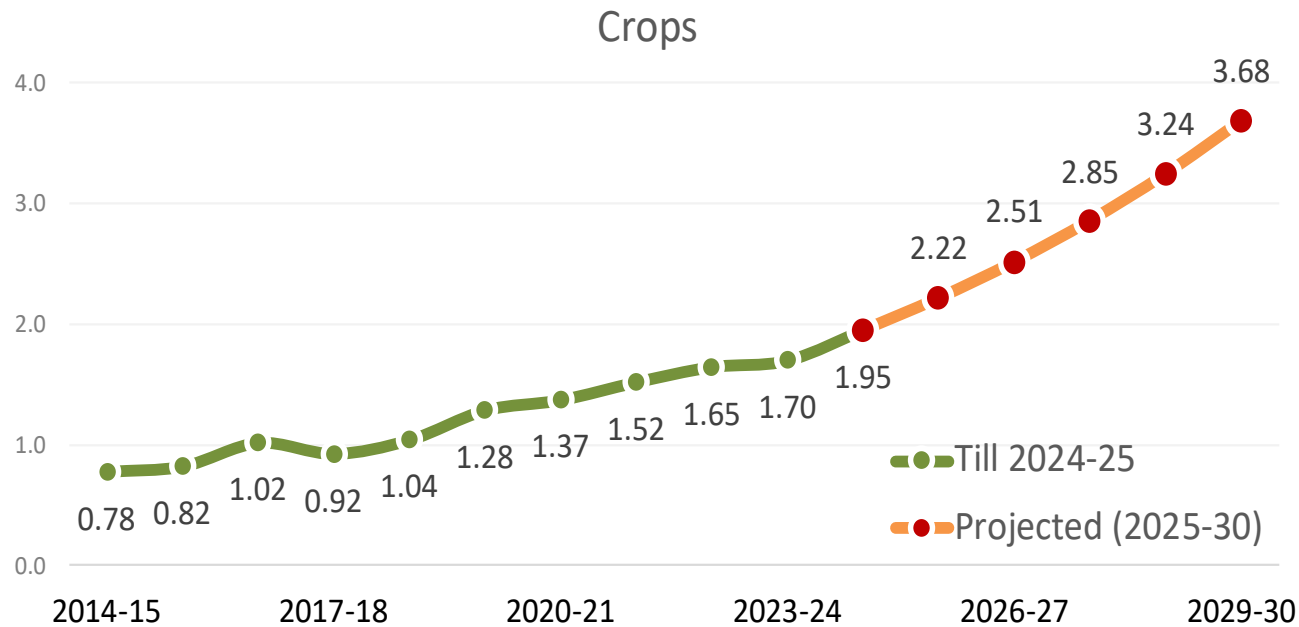
### Poverty

- 2015-16: 28.9%
  - 2019-21: 15.3%
  - 2023: 10.8%
- Half of the Poverty reduced between 2015 and 2019**
- ~70 lakh HHs (4<sup>th</sup> largest state, 42% of total HHs) involved in dairy activity
  - 3.89 lakhs total SHGs
  - 46.88 lakh SHG members:
  - 13.47 Lakh HHs covered under Livestock & Agriculture activities
  - 11.25 lakh Lakhpati Didis

### Strategies for Poverty Eradication Through Livestock

- Support for Smallholders and Women: Provides livestock, training, and resources to BPL families, boosting income and living standards.
- Access to Credit: Microcredit enables BPL families to invest in livestock care and expansion for sustainable income.
- Livestock Value Chains & Cooperatives: Encourages cooperatives for collective selling, improving market access and earnings.
- Sustainable and Organic Farming: Promotes organic livestock products, creating new premium market opportunities.

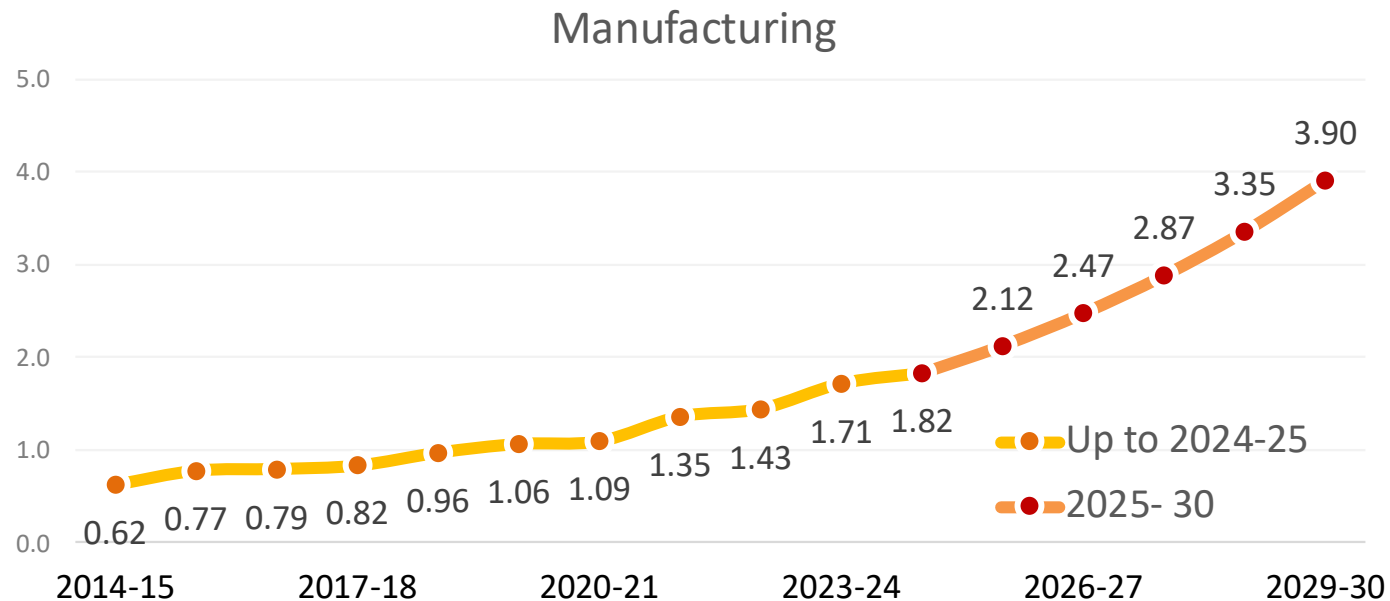
## Rajasthan Crops: Cultivating Innovation for a Sustainable Future



Crops economy is growing consistently

Agricultural crops value will be doubled in next 5 years by adopting intensive and precision farming, crop diversification, climate resilient techniques, adopting micro irrigation, new technologies, IoTs and AI driven tools. Also needs to encourage high yield crop varieties with climate suitability.

## Rajasthan Manufacturing: Powering Prosperity, Building Futures



- Economy from the Manufacturing sector will be increased more than 2 times, by continuing the same pace with more focus.
- Ensuring industrial friendly policies and attracting the Investments
- Promoting renewable energy and Walk-to-Work, industrial parks
- Agricultural based and food processing MSMEs
- Improve workforce adoptability and Skill development



# CHAPTER - 5

## **People Power: Demographic Change by 2036**

(Harnessing Rajasthan's Youthful & Diverse Population)

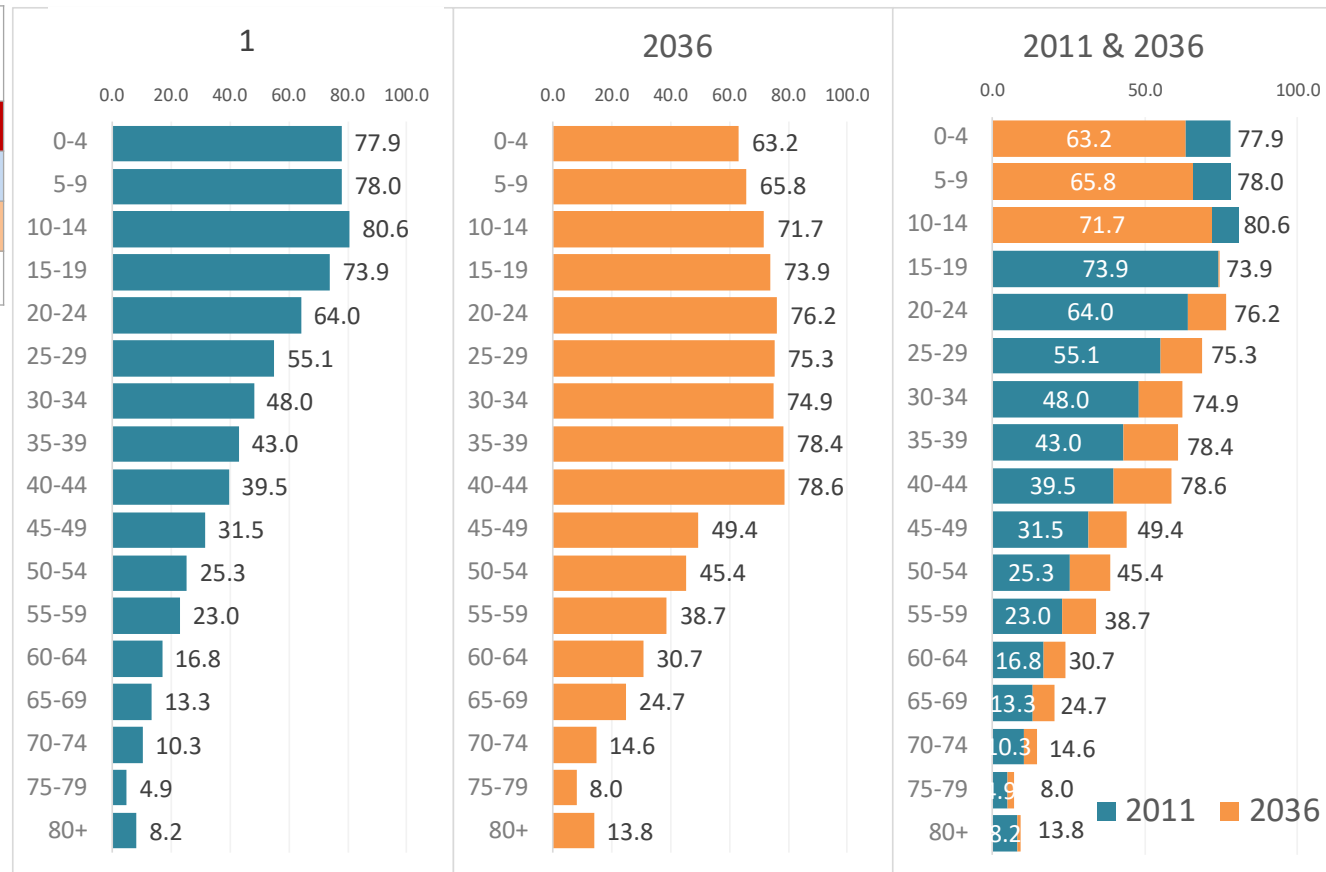


# 5. PEOPLE POWER: DEMOGRAPHIC CHANGE BY 2036

## From Young to Ageing: Preparing Today for Tomorrow's Demographic Reality

	2011 (crore)	2036 (crore)	Change (Crore)	% Change
0-14 yrs	2.36	2.01	-0.35	-15.1%
15-59 yrs	4.03	5.91	1.88	46.5%
60+ yrs	0.54	0.92	0.38	71.3%
All ages	6.93	8.84	1.91	27.4%

A major demographic shift, with a **71.3% (38 lakh)** surge in the elderly population and a **15.1% (35 lakh)** decline in children (**0-14 years**) by 2036—signaling an urgent need to realign policies toward aging, healthcare, and productive workforce engagement.



Source: Census of India

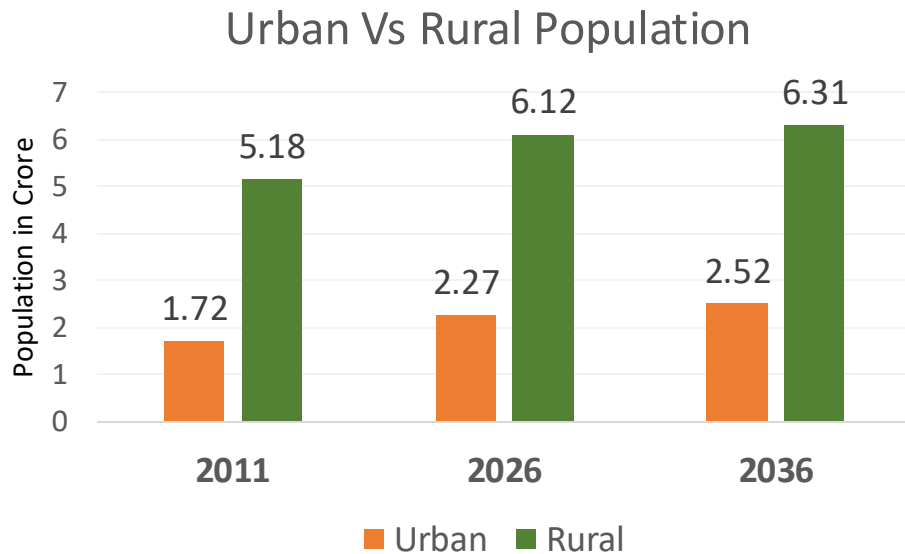
# CHAPTER - 6

## **Urban Transition & Workforce Dynamics** (Urbanization Trends, Labour Patterns & Employment Shifts)



# 6. URBAN TRANSITION AND WORKFORCE DYNAMICS

## URBAN AND RURAL POPULATION



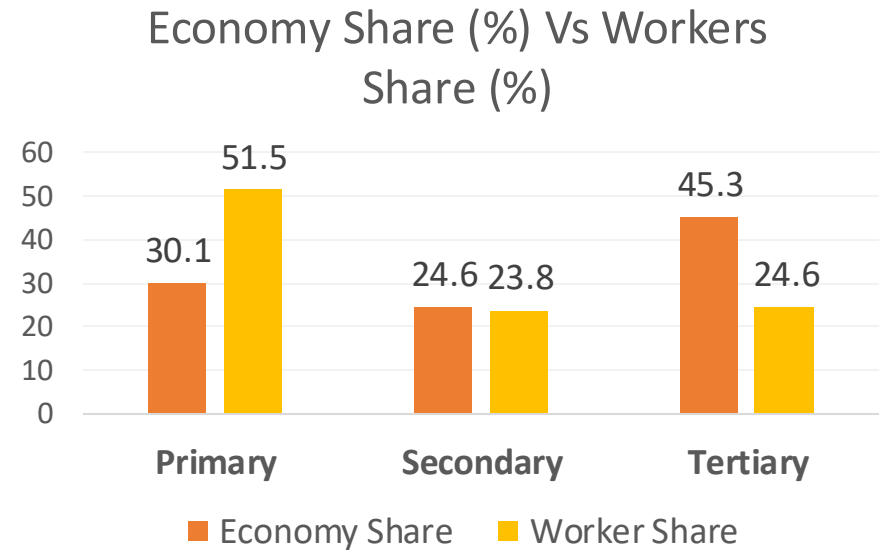
### Urbanisation

2011: 24.9%  
2026: 27.1%  
2036: 28.5%

Estimated 2% increase only for last 15 years and then 1.4% increase by 2036.  
Needs to increase the urbanization.

Source: Census of India Projections

## PRIMARY, SECONDARY AND TERTIARY SECTORS



Low income in agriculture with high stress of workers.  
Needs to promote the agricultural mechanisation, agriculture based industries for sustainable and balanced structural economy

Source: MoSPI, LFPR-2023-24

Urban economy is ~3 times more than rural economy

Service sector worker income ~3 times more than the primary sector worker income.



# CHAPTER - 7

## Dashboard: The Real Time Governance



# 7. DASHBOARD FOR REAL TIME GOVERNANCE



**Evidence-Based Policy Making:** Real-time access to critical indicators for smarter decisions.



**Efficient Monitoring & Evaluation:** Track state performance across sectors — health, education, poverty, employment, etc.



**Gap Identification:** Pinpoint lagging districts/tehsils and target interventions effectively.



**Integrated Governance:** Break silos across departments with a unified view of KPIs.



**Empower Stakeholders:** Inform citizens, administrators, and policymakers with accurate, timely insights.

**To drive data-informed governance, enhance transparency, and enable targeted decision-making for faster development outcomes.**

**An interactive, real-time digital platform aggregating performance indicators across sectors and geographies — enabling data-driven governance**



**Real-Time Data Integration and monitoring:** Linked to MIS systems for auto-updates from departments.



**Trend Analysis & Projections:** Compare historical performance, forecast future trends.



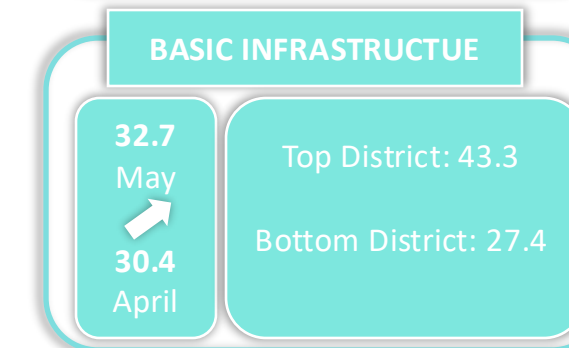
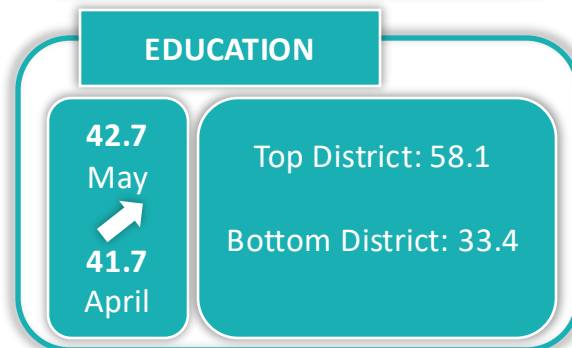
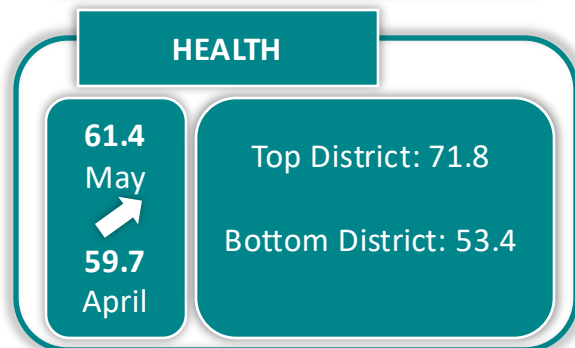
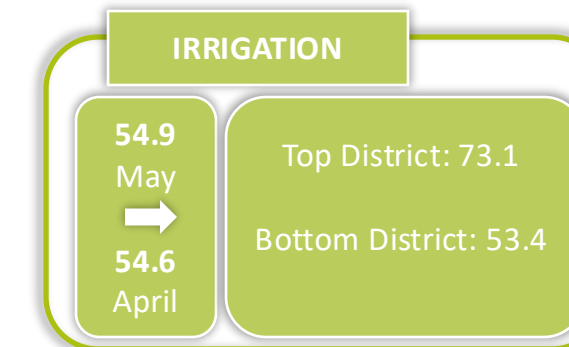
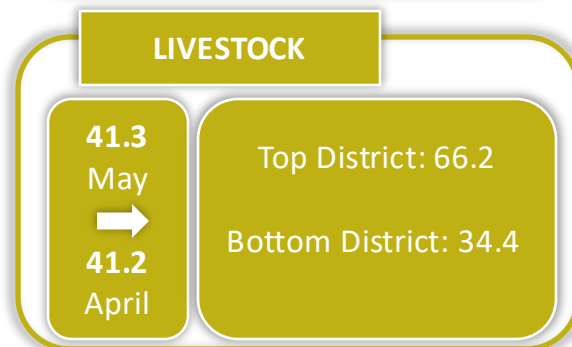
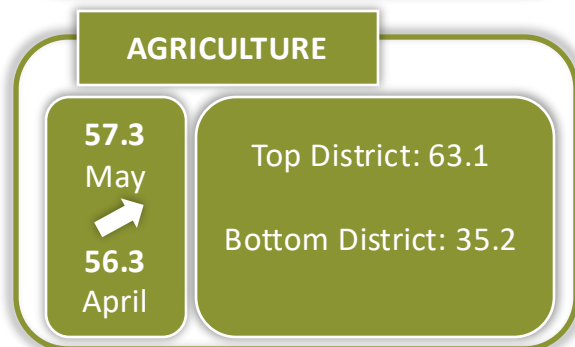
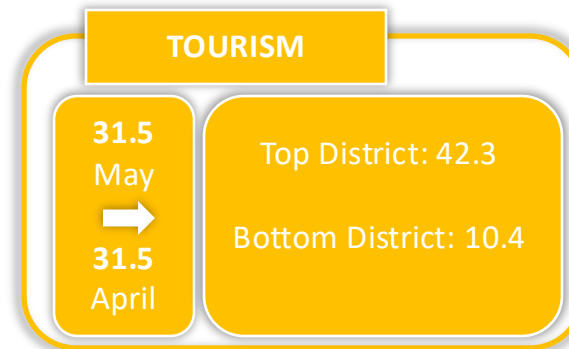
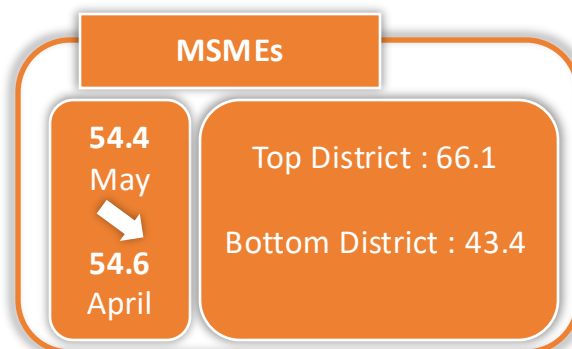
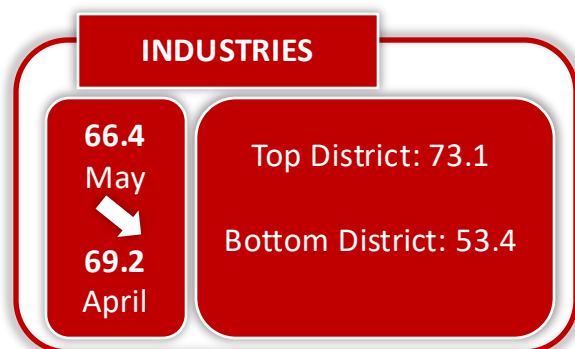
**Custom KPIs & Composite Indices:** Sectoral scorecards (e.g. Health Index, Livestock Score, Poverty Index).



**Custom Alerts & Action Flags:** Trigger warnings when indicators cross thresholds (e.g. rising unemployment).



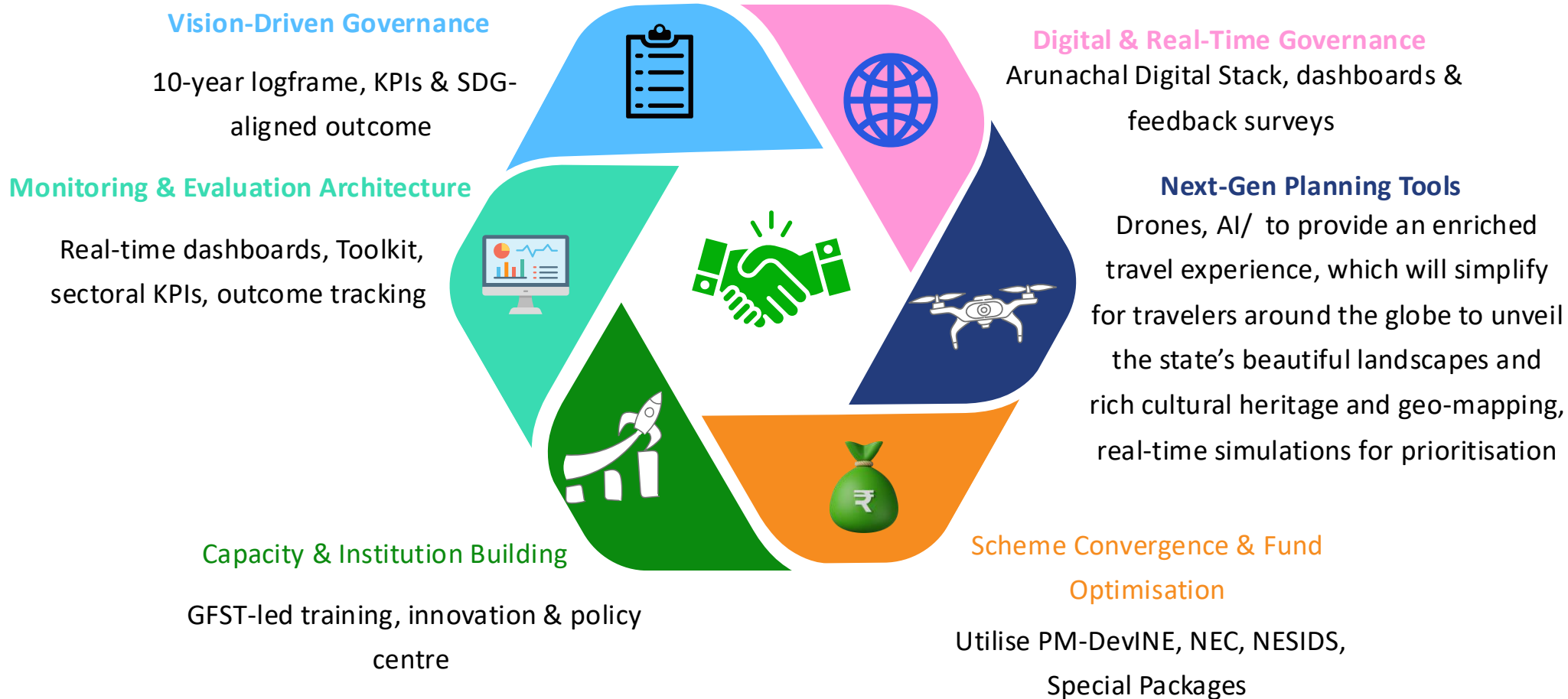
**Role-Based Dashboards:** Tailored views for CM Office, Department Heads, District Collectors, Tehsils.



Note: Sample model with sample values

# FROM INSIGHT TO IMPLEMENTATION

## Transforming Vision into Action with Data, Technology, and Collaboration



GFST, in collaboration with Bharat Advisors and Partners LLP, can act as a strategic knowledge and implementation partner to unlock Rajasthan's economic potential through innovation, integration, and impact.











**Together, let's build a brighter future for Rajasthan, where  
progress and prosperity flourish for every citizen**

**We look forward to collaborating closely with the State  
Government to operationalize this vision.**



Government of Rajasthan



***"Alone we go fast, but together we go far"***