

# Shaping the Next Era of Governance

**Maharashtra Vision Management for \$ 1 Trillion by 2029 &  
Developed Economy (\$20,000) by 2036**

**Aquaculture Tech AI for Enterprise Development  
Livestock and SHGs for Poverty Eradication  
2.0 lakh Agri Tech Entrepreneurs**

**Global Forum for Sustainable Transformation  
& Government of Maharashtra**





*Shri Devendra Fadnavis  
Hon'ble Chief Minister Maharashtra*

**Aligned with Viksit Bharat @ 2047,  
Maharashtra is on course for \$ 1 Tn by 2029**

**By 2029:**

Primary Sector from ₹ 5.2 to ₹10.5 lakh crore (@15% CAGR)

Livestock from ₹1.1 to 2.5 lakh crore (@18% CAGR),

49.73 lakh livestock farmers & 60.9 Lakh SHGs

Aquaculture from ₹ 10,000 Cr to 50,000 Cr (@30% CAGR)

Poverty from 5.5% to Beyond Zero Poverty to be declared by NITI Aayog

*Aqua Potential : ₹4.0 Lakh Cr & Livestock potential : ₹5 Lakh Cr*



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# CHAPTER-1

## GFST FACILITATION FOR SECTORAL LABS

- *6 high-impact Conclaves conducted so far & 3 in pipeline*
- *Hon'ble Chief Minister Mr. Chandra Babu Naidu launches 5-Year Sectoral Plans*
- *Tested blueprint for transformation—conceived in Conclaves and proven in execution*
- *Now powerfully scaling across various Indian States*

# AQUACULTURE INNOVATION TECH 2.0 CONCLAVE ANDHRA PRADESH

**10 Lakh Acres by 2028-29 & Tripling GVA From Rs.1.29 to Rs.3.7 Lakh Crore**

**Conclave held in collaboration with the Department of Fisheries, Andhra Pradesh, on 16-18 February**

- Comprehensive Baseline Assessment of 60,000 Aqua farmers covering 4.44 lakh acres
- 3-Day In-house Lab model involving all the stakeholders including progressive farmers, exporters, feed manufacturers etc., forming into 9 Strategic groups
- ~600 Progressive Aqua farmers participated
- Andhra Pradesh is once again committed to achieving a 30% growth rate for 2024-29 through a sustainable, ecologically balanced system



## **The Chief Minister announced several key strategic directives:**

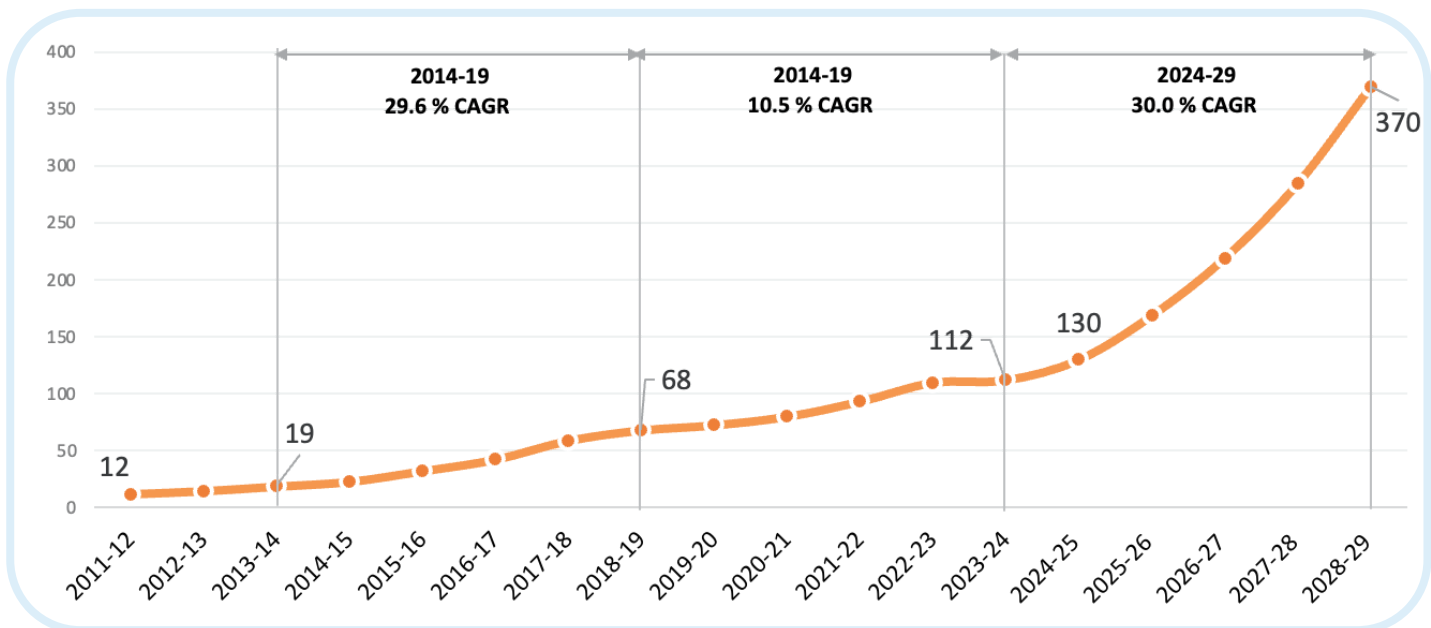
- Mandatory geo-tagging and traceability for all aquaculture farms in the state.
- Launch of a real-time digital payment system integrated with farm data.
- Promotion of seafood consumption in domestic markets through tie-ups with the Defence and Health Departments.
- Implementation of Aqua Stack digital infrastructure across all district fisheries offices within 90 days.
- Declaration of 12 Aquaculture Innovation Zones with modern infrastructure, incubation support, and green energy solutions.

**Conclave's core objective is to build a resilient, tech-enabled, and inclusive  
Aquaculture economy in Andhra Pradesh**



## AP Aquaculture's Evolution: Pioneering the tremendous growth

- 2015 onwards AP placed at top and moves upwards as it is (Rs. 1.3 lakh crore) double the value of 2<sup>nd</sup> place (West Bengal with Rs. 0.62 lakh crore)
- AP's expertise and robust ecosystem drive sustained growth through R&D and innovation



AP aquaculture sector took a transformative turn from 2014 onwards, tripling its output between 2014 and 2019 with an impressive 30% CAGR. The state adopted a mission-mode approach under the leadership of Sri S.P. Tucker, IAS (Retd.), allocating three times the previous budget, introducing a dedicated Aqua Policy, and formulating a comprehensive action plan to drive sustainable growth.

Once again, the state reaffirms its commitment to elevating the aquaculture sector into a thriving industry—backed by the nation's most progressive Aqua Policy, a strategic five-year action plan, the promotion of cutting-edge technologies, and comprehensive support, including targeted subsidies for stakeholders—to achieve a 30% CAGR.

# AQUACULTURE PERFORMANCE ACROSS AP DISTRICTS

| Sl No        | District      | Brackish Water Shrimp |                      |                  |                       |                 |              | Fresh Water Prawn |                      |            |                       |                 |              |
|--------------|---------------|-----------------------|----------------------|------------------|-----------------------|-----------------|--------------|-------------------|----------------------|------------|-----------------------|-----------------|--------------|
|              |               | No. of Farmers        | Area Cultivated (Ha) | Production (MTs) | Productivity (MT/Ha.) | GVA (Crore Rs.) | GVA / Farmer | No. of Farmers    | Area Cultivated (Ha) | Production | Productivity (MT/Ha.) | GVA (Crore Rs.) | GVA / Farmer |
| 1            | Krishna       | 12,809                | 13,919               | 2,28,409         | 16                    | 10,839          | 0.8          | 5,315             | 6,696                | 1,99,917   | 30                    | 6,676           | 1.3          |
| 2            | Nellore       | 6,155                 | 8,757                | 86,605           | 10                    | 4,110           | 0.7          | 1,817             | 2,802                | 20,255     | 7                     | 676             | 0.4          |
| 3            | Bapatla       | 6,329                 | 7,734                | 1,36,072         | 18                    | 6,457           | 1.0          | 28                | 311                  | 7,496      | 24                    | 250             | 8.9          |
| 4            | West Godavari | 6,802                 | 5,444                | 79,013           | 15                    | 3,750           | 0.6          | 13,212            | 25,522               | 2,78,564   | 11                    | 9,302           | 0.7          |
| 5            | Eluru         | 289                   | 4,048                | 20,757           | 5                     | 985             | 3.4          | 12,584            | 20,484               | 3,86,244   | 19                    | 12,897          | 1.0          |
| 6            | Konaseema     | 4,398                 | 4,117                | 66,822           | 16                    | 3,171           | 0.7          | 1,002             | 7,084                | 57,712     | 8                     | 1,927           | 1.9          |
| 7            | Prakasam      | 1,294                 | 4,264                | 26,557           | 6                     | 1,260           | 1.0          | 102               | 410                  | 1,255      | 3                     | 42              | 0.4          |
| 8            | Tirupathi     | 1,177                 | 2,802                | 10,511           | 4                     | 499             | 0.4          | 29                | 56                   | -          | -                     | -               | 0.0          |
| 9            | Kakinada      | 1,599                 | 1,637                | 23,952           | 15                    | 1,137           | 0.7          | 983               | 4,400                | 35,414     | 8                     | 1,183           | 1.2          |
| 10           | Srikakulam    | 382                   | 1,706                | 12,144           | 7                     | 576             | 1.5          | 6                 | 98                   | 1,752      | 18                    | 59              | 9.8          |
| 11           | Anakapalli    | 401                   | 1,043                | 14,562           | 14                    | 691             | 1.7          | -                 | -                    | 647        | -                     | 22              | -            |
| 12           | Visakhapatnam | 6                     | 10                   | 72               | 7                     | 3               | 0.6          | -                 | -                    | -          | -                     | -               | -            |
| 12 Districts |               | 41,641                | 55,481               | 7,05,476         | 13                    | 33,478          | 0.8          | 35,078            | 67,863               | 9,89,256   | 15                    | 33,032          | 0.9          |
| Total AP     |               | 41,646                | 55,509               | 7,05,518         | 13                    | 33,480          | 0.8          | 35,335            | 68,390               | 10,04,057  | 15                    | 33,527          | 0.9          |

| Sl No        | District      | Inland Fish    |                      |                  |                       |                 |              | Marine Fish & Shrimp |                 | Total          |                      |            |                 |
|--------------|---------------|----------------|----------------------|------------------|-----------------------|-----------------|--------------|----------------------|-----------------|----------------|----------------------|------------|-----------------|
|              |               | No. of Farmers | Area Cultivated (Ha) | Production (MTs) | Productivity (MT/Ha.) | GVA (Crore Rs.) | GVA / Farmer | Production           | GVA (Crore Rs.) | No. of Farmers | Area Cultivated (Ha) | Production | GVA (Crore Rs.) |
| 1            | Krishna       | 17,784         | 20,979               | 5,25,592         | 25                    | 4,562           | 0.3          | 51,877               | 792             | 35,908         | 41,594               | 10,05,795  | 22,869          |
| 2            | Nellore       | 2,130          | 4,650                | 1,66,578         | 36                    | 1,444           | 0.7          | 55,890               | 848             | 10,102         | 16,209               | 3,29,328   | 7,079           |
| 3            | Bapatla       | 251            | 157                  | 1,40,884         | 900                   | 1,222           | 4.9          | 75,981               | 1,171           | 6,608          | 8,202                | 3,60,433   | 9,100           |
| 4            | West Godavari | 72,260         | 12,000               | 4,28,993         | 36                    | 3,720           | 0.1          | 3,369                | 55              | 92,274         | 42,966               | 7,89,939   | 16,826          |
| 5            | Eluru         | 46,857         | 54,233               | 7,86,422         | 15                    | 6,829           | 0.1          | -                    | -               | 59,730         | 78,765               | 11,93,423  | 20,711          |
| 6            | Konaseema     | 7,516          | 3,822                | 1,02,134         | 27                    | 886             | 0.1          | 42,443               | 634             | 12,916         | 15,023               | 2,69,111   | 6,617           |
| 7            | Prakasam      | 101            | 49                   | 29,396           | 603                   | 255             | 2.5          | 21,661               | 323             | 1,497          | 4,723                | 78,869     | 1,880           |
| 8            | Tirupathi     | 19             | 18                   | 58,869           | 3,271                 | 510             | 26.9         | 11,457               | 181             | 1,225          | 2,876                | 80,837     | 1,191           |
| 9            | Kakinada      | 6,001          | 3,381                | 78,038           | 23                    | 677             | 0.1          | 1,32,325             | 2,041           | 8,583          | 9,418                | 2,69,729   | 5,036           |
| 10           | Srikakulam    | 662            | -                    | 1,03,389         | (1)                   | 896             | 1.4          | 44,015               | 654             | 1,050          | 1,804                | 1,61,300   | 2,185           |
| 11           | Anakapalli    | 59             | 102                  | 28,009           | 275                   | 243             | 4.1          | 37,943               | 563             | 460            | 1,145                | 81,161     | 1,519           |
| 12           | Visakhapatnam | -              | -                    | 16528            | -                     | 143             | -            | 115780               | 1796            | 6              | 10                   | 1,32,380   | 1,943           |
| 12 Districts |               | 1,53,640       | 99,390               | 24,64,832        | 25                    | 21,387          | 0.1          | 5,92,741             | 9,057           | 2,30,359       | 2,22,734             | 47,52,305  | 96,955          |
| Total AP     |               | 1,54,594       | 1,02,192             | 28,48,804        | 28                    | 24,717          | 0.2          | 6,00,105             | 9,147           | 2,31,575       | 2,26,091             | 51,58,484  | 1,00,871        |



# ANIMAL HUSBANDRY TECH AI 2.0 CONCLAVE ANDHRA PRADESH

**GVA From RS.1.7 TO Rs. 3.6 Lakh Crore & Empowering 25 Lakh SHGs**

## Key Policy Measures Announced by Hon'ble CM of Andhra Pradesh:

1. Exemption of property taxes for dairy sheds in villages
2. Subsidized solar energy installations for livestock enterprises
3. Utilization of NREGS funds for water and fodder infrastructure
4. Chaff cutters to be distributed to rural women farmers
5. Temporary SGST waiver for poultry sector recovery
6. Supporting Innovations and Startups
7. Satellite Animal Disease Diagnostic Labs

Comprehensive Baseline Assessment of **1.4 Lakh livestock farmers** on economy, credit, insurance, and technology.

Formation of 10 Strategic Groups to focus on **capacity building, AI integration, credit plan, entrepreneurship development, Promotion of SSS, Feed & Fodder, small ruminants, poultry development, market linkages, and climate-resilient practices.**

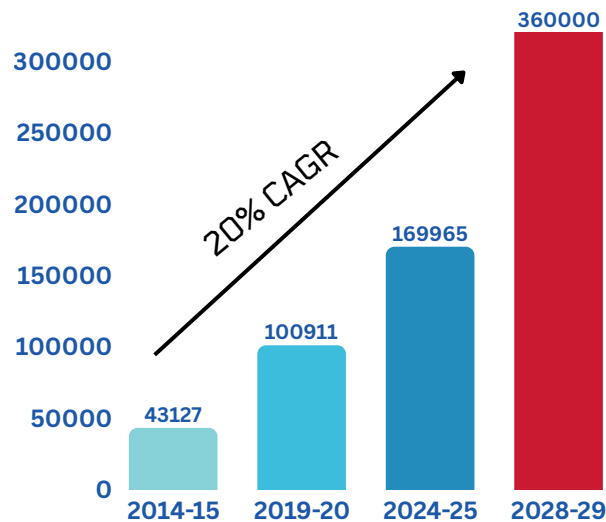


Held in collaboration with the Department of Animal Husbandry, AP, on 13-14 May, Conclave is attended by 550 Progressive Farmers

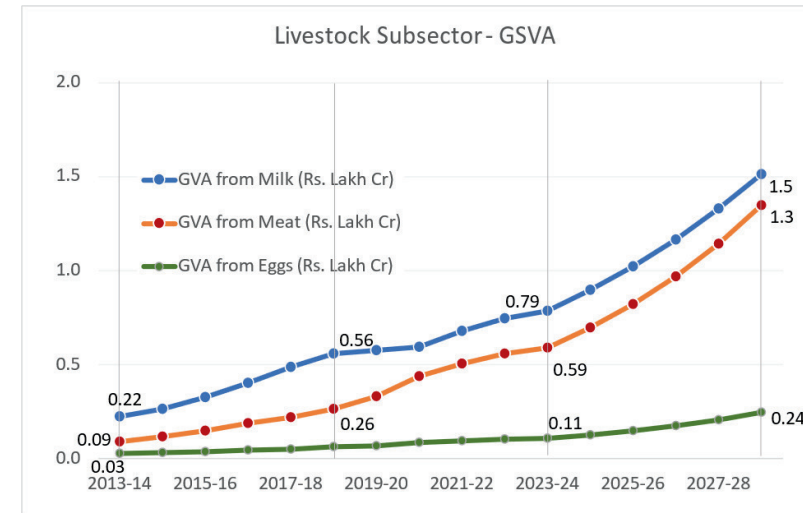
**Key Highlights of the Conclave: 5 Year Strategic Action Plan, Real Time Governance through Dashboard, Technology based Governance, and Startups Promotion**

# LIVESTOCK SECTOR-ANDHRA PRADESH

Rising to 3.6 Lakh Crore GVA by 2028-29  
20% CAGR Fueled by Tech-Driven Interventions



- Gross State Domestic Product (GSDP) from 2014-15 to 2028-29. The values show a sharp increase in the GSDP over the years, with a projected figure of ₹3.6 lakh crore in 2028-29 @ 20% CAGR during 2023-24 to 2028-29
- With the necessary technological interventions, achieving a 20% CAGR in the sector is within reach. The 20% CAGR suggests robust economic growth, highlighting the potential for significant expansion in the livestock sector's contribution to the overall economy.



- Gross Value Added (GVA) contribution from three segments of the livestock sector: Milk, Meat, and Eggs, represented over several years (2013-14 to 2028-29).
- An upward trajectory for all three categories, with milk showing the highest growth followed by meat and eggs. By 2028-29, the GVA from milk is projected to reach around ₹1.7 lakh crore, meat around ₹1.6 lakh crore, and eggs around ₹0.28 lakh crore.

**Tech-driven intensification and breed optimisation to achieve 20% sectoral growth, transforming livestock into a Rs.3.6 lakh Crore economy by 2028-29**

# Vision-Driven. Resilient. Ready for Transformational Growth.



**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.



**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

## Why Maharashtra

With a rich industrial base, global financial hub, and vibrant cultural fabric, Maharashtra stands at the heart of India's economic journey. It is ideal for:

- Advanced Manufacturing
- Financial & Tech Innovation
- Infrastructure-led Growth

## Maharashtra Opportunity

With its strategic coastline, entrepreneurial spirit, and progressive policies in manufacturing, finance, and innovation, Maharashtra can become:

- India's first trillion-dollar state economy
- A global hub for fintech and industry 4.0
- A model for balanced, inclusive development



# GFST SUPPORTS - 45-DAY COLLABORATIVE CONCLAVE WITH DEPARTMENTS USING DEEP TECH/ GOVTECH

## TO CREATE A 5-YEAR ACTION PLAN FOR EACH GROWING AND EMERGING SECTORS

### Cross-Sectoral Workshops,

Team building & creating inhouse expertise  
Map data sources and pain points for each goal using AI/ ML tools

### Live Dashboards

Enable real-time governance for ministers and administrators

### 5- Year Action Plans

Provide actionable plans with tech support and KPI logframes

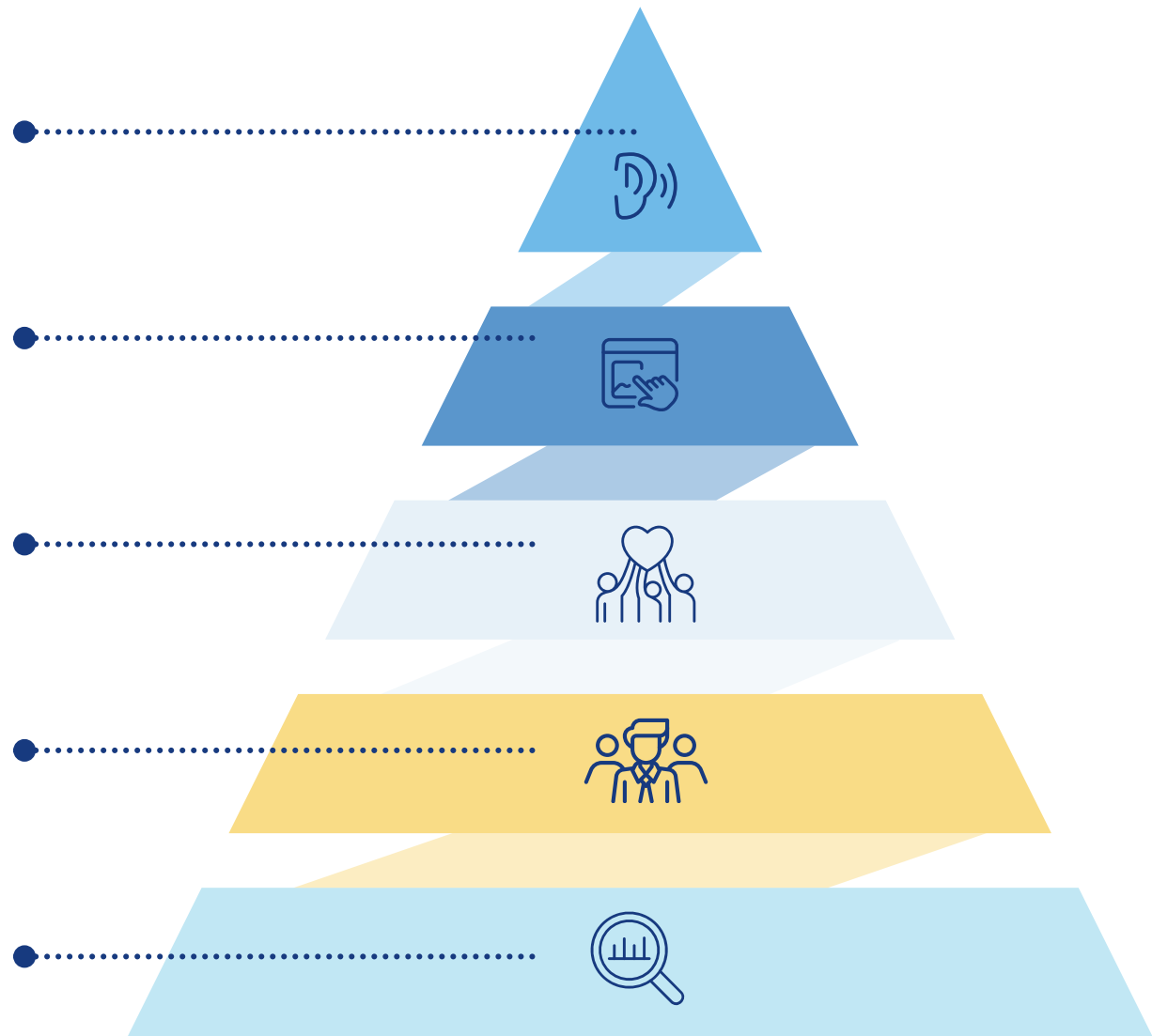
### Policy & Outcome Institutionalization

Institutionalize policy and outcomes with continuous handholding

### Integrated Growth Framework

Define a realistic growth framework backed by measurable success

### Performance Management & Delivery Systems



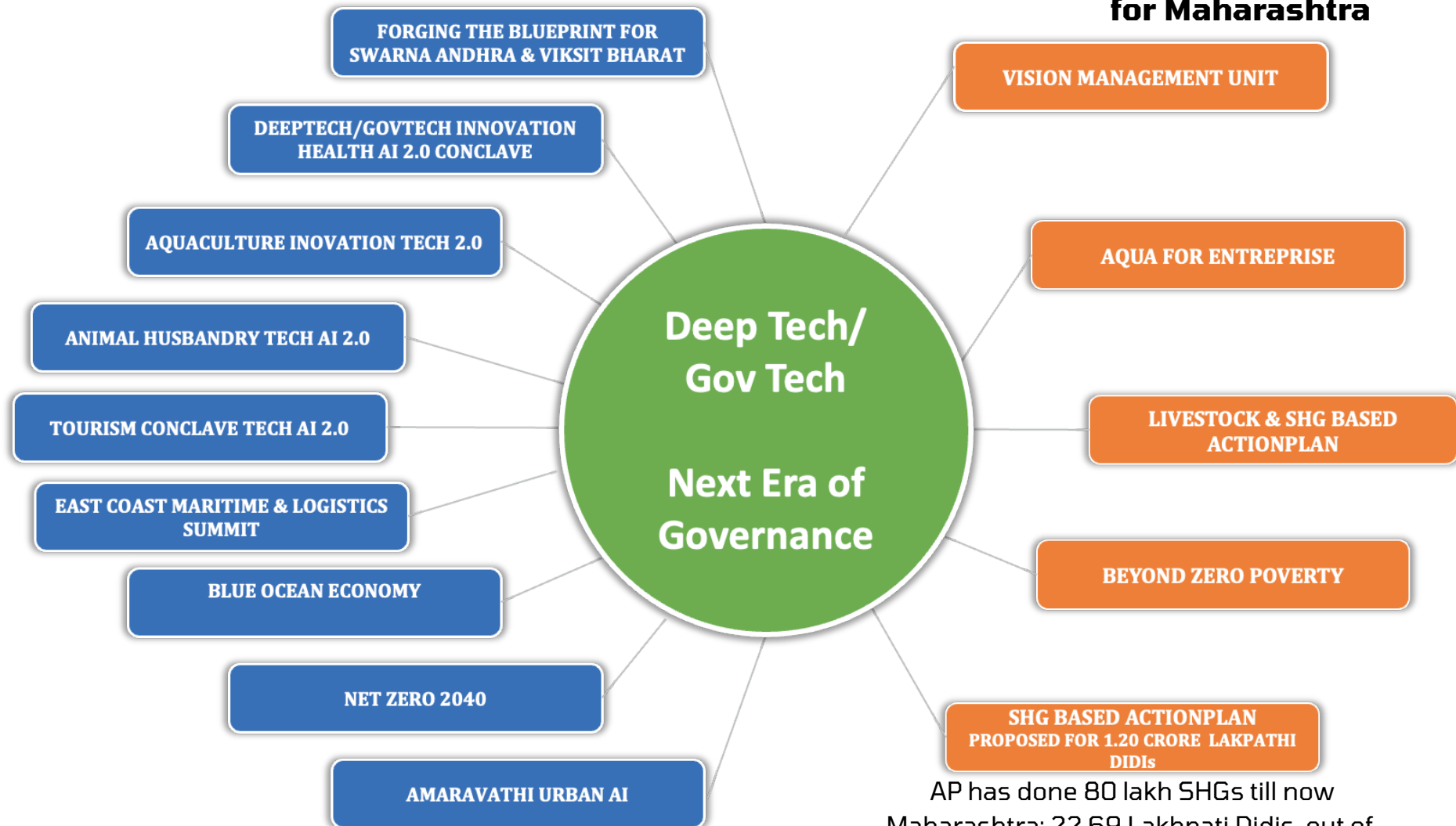
# CHAPTER-2

## MAHARASHTRA'S \$1 TRILLION VISION 2029

- **Vision Management, Data Management Unit & Audit Structures with Dashboards**
- **Deploying DeepTech/GovTech with Data Analytics**
- **KPIs and Outcomes powered by a Real-time Live Dashboard**
- **Drive growth strategy toward facilitating \$1.0 Trillion by 2029 for Maharashtra**

## AP Conclaves

## Support to \$ 1 trillion Economy by 2029 & Developed Economy by 2036 for Maharashtra

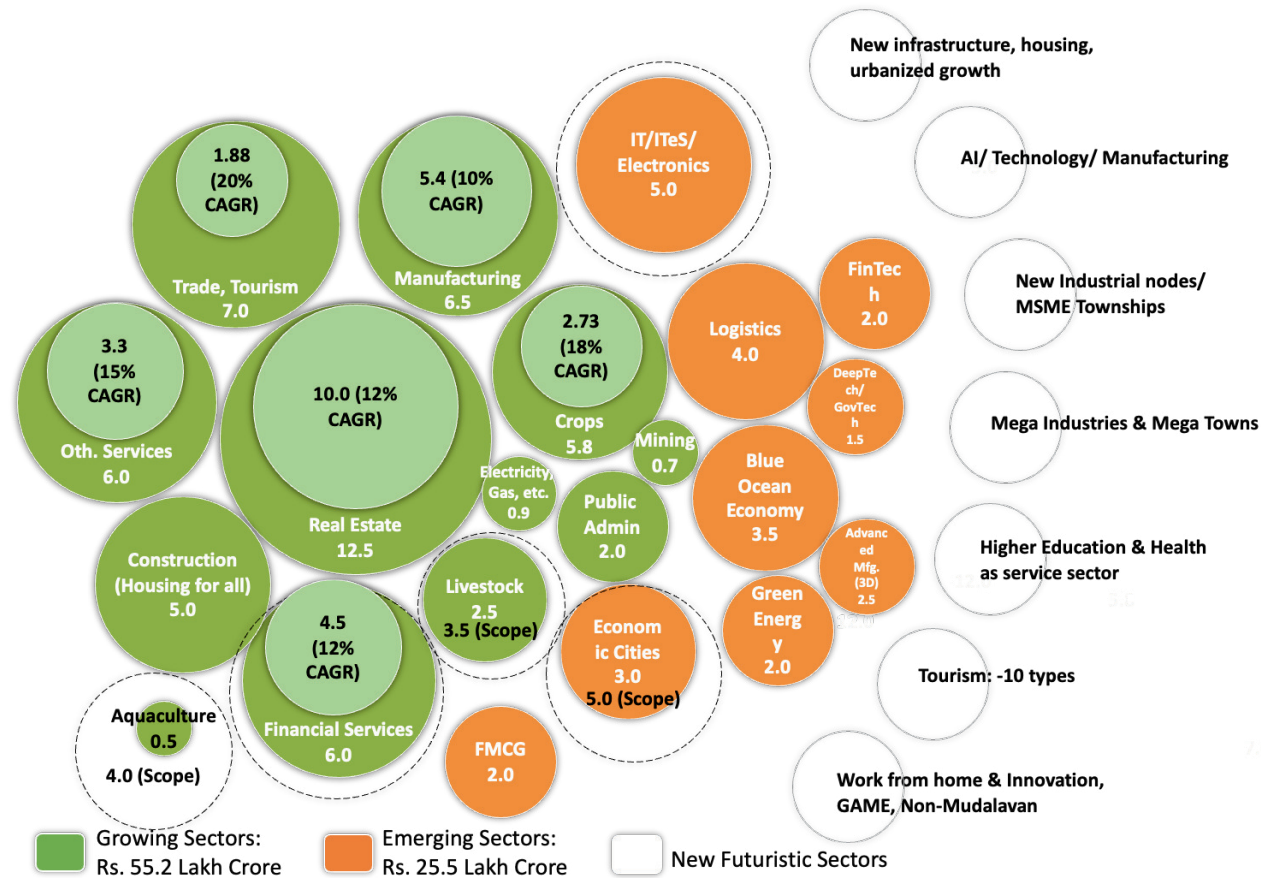


AP has done 80 lakh SHGs till now  
Maharashtra: 22.69 Lakhpati Didis, out of  
60.9 lakh SHG Members:



# GROWING, EMERGING AND NEW SECTORS IN MAHARASHTRA BY 2029

## Growing, Emerging and New Futuristic Sectors by 2029



## According to the last 10 years CAGR Journey of Top 5 states

| State       | \$ 1 trillion | \$ 2 trillion | \$ 3 trillion | \$ 4 trillion | \$ 5 trillion |
|-------------|---------------|---------------|---------------|---------------|---------------|
| Maharashtra | 2029          | 2035          | 2039          | 2042          | 2045          |
| Karnataka   | 2032          | 2038          | 2041          | 2043          | 2045          |
| Tamil Nadu  | 2032          | 2039          | 2042          | 2045          | 2047          |
| UP          | 2033          | 2039          | 2043          | 2045          | 2047          |
| Gujarat     | 2033          | 2039          | 2043          | 2045          | 2047          |

### \$1 trillion Path ways:

BAU (Last 10 yrs. excluding Covid year) 10.9% CAGR: \$1 trillion by 2030-31

Aspirational 15% CAGR: \$1 trillion by 2029-30

# MAHARASHTRA'S PATH TO A TRILLION-DOLLAR & ZERO-POVERTY ECONOMY BY 2029

| State       | Poverty (%)<br>2015-16 | Poverty (%)<br>2019-21 | Poverty (%)<br>2023 | Rank<br>PCI | Per capita<br>income<br>in Lakh<br>Rs. | % Urban<br>population | Primary Sector (%) |                     | Secondary Sector (%) |                     | Tertiary Sector (%) |                     | GSDP<br>in Lakh<br>Crore<br>Rs. | Women<br>Participation<br>(%) |
|-------------|------------------------|------------------------|---------------------|-------------|----------------------------------------|-----------------------|--------------------|---------------------|----------------------|---------------------|---------------------|---------------------|---------------------------------|-------------------------------|
|             |                        |                        |                     |             |                                        |                       | Economy<br>Share   | Employment<br>Share | Economy<br>Share     | Employment<br>Share | Economy<br>Share    | Employment<br>Share |                                 |                               |
| Maharashtra | 14.8                   | 7.8                    | 5.5                 | 6           | 3.19                                   | 49.07                 | 13.02              | 43.45               | 23.26                | 20.34               | 63.73               | 36.21               | 40.56                           | 32.0                          |
| Gujarat     | 18.5                   | 11.7                   | 9                   | 5           | 3.37                                   | 49.71                 | 19.57              | 42.55               | 44.64                | 29.23               | 35.79               | 28.21               | 24.26                           | 35.8                          |
| Tamil Nadu  | 4.8                    | 2.2                    | 1.4                 | 4           | 3.53                                   | 54.58                 | 13                 | 28.16               | 33.37                | 33.93               | 53.63               | 37.91               | 27.22                           | 35.2                          |
| Haryana     | 11.9                   | 7.1                    | 5.3                 | 3           | 3.57                                   | 43.26                 | 18.06              | 27.53               | 29.02                | 29.75               | 52.92               | 42.73               | 10.86                           | 18.8                          |
| Karnataka   | 12.8                   | 7.6                    | 5.7                 | 2           | 3.76                                   | 45.37                 | 12.61              | 46.59               | 20.02                | 20.48               | 67.38               | 32.93               | 25.57                           | 30.5                          |
| Telangana   | 13.2                   | 5.9                    | 3.8                 | 1           | 3.84                                   | 49.37                 | 18.03              | 42.72               | 16.76                | 22.52               | 65.21               | 34.75               | 14.64                           | 36.5                          |

- During 2014-19, multi-disciplinary poverty reduced by 7%: the present 5.5.% poverty can be reduced before next elections (November 2029)
- \$ 1 trillion economy will be achieved by 2029 and developed economy by 2036
- Women in workforce to increase
- Organised Urbanisation to be increased and % persons engaged in primary sector to be reduced by 20%
- 1.20 crore women as SHG members and lakhpati Didis
- Total Udyam Registered: 6,306,197, Informal Micro Enterprises (UAP): 2,574,505, Total MSMEs: 8,880,702, 1.8X growth by using AI
- Massive Skilling/ GAME/ Naan Mudhalvan
- Lower ICOR Ratio sub sectors to be promoted

**From Poverty Reduction to Prosperity – Empowering People, Driving Growth, Building a Developed Maharashtra**

**Set-up  
Vision/Project  
Management Unit**

to achieve Vision Goal of ₹ 1 Tr  
by 2029 through key Growing &  
Emerging Sectors

**Create  
Taskforces & Missions**

transformation through AI, ML,  
Blockchain, and GovTech—aligned  
with Viksit Bharat 2047 and SDG  
goals, powered by visionary  
leaders, seasoned bureaucrats,  
and expert technocrats.

**We Are Transforming  
Governance  
Through Innovation,  
Technology, and Impact, Under  
the Visionary Leadership of  
Shri Devendra Gangadharrao  
Fadnavis**

**Growing & Emerging Sectors**

- GFST and Bharath Advisors catalyzing Maharashtra's primary sector growth through AI-led governance
- Target: ₹10.5 lakh Cr by 2029
- Aquaculture projection: ₹50,000 Cr
- Livestock projection: ₹2.5 lakh Cr
- Primary Sector from ₹ 5.2 to ₹ 10.5 lakh Cr
- Driving sectoral expansion to power Maharashtra's \$1 trillion economy vision



# CHAPTER-3

## AQUACULTURE BY 2029

**From 9.7% CAGR to 30% CAGR**

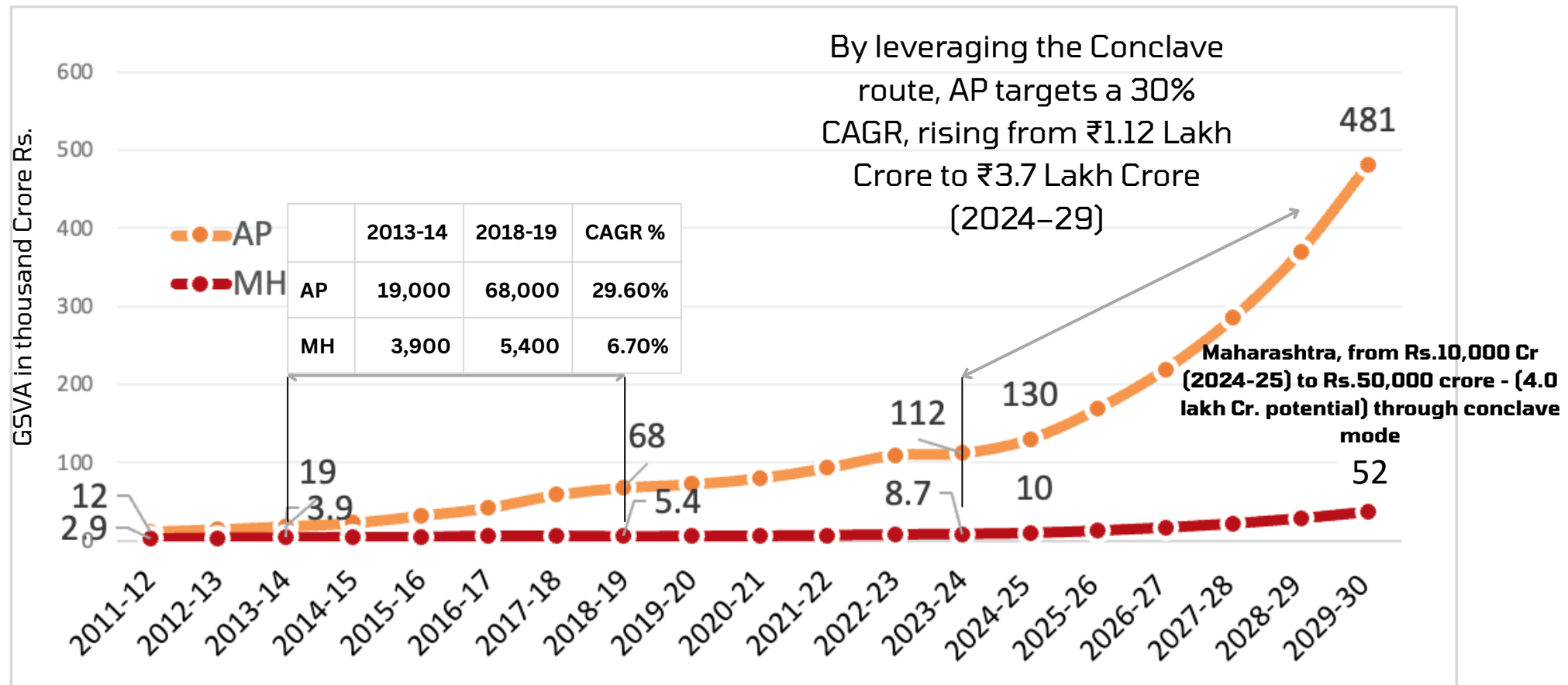
**From ₹ 10,000 crore to ₹ 50,000 crore By 2029,  
out of ₹ 4.0 lakh crore potential by 2035**

**Direct Jobs: ~3.5 lakh & Indirect Jobs: ~5.0 lakh**

**Farmer Income: +30% through Tech adoption**

# AQUACULTURE GROWTH TRAJECTORY: INSIGHTS FROM ANDHRA PRADESH FOR

## Unlocking Maharashtra's Untapped Aquaculture Potential

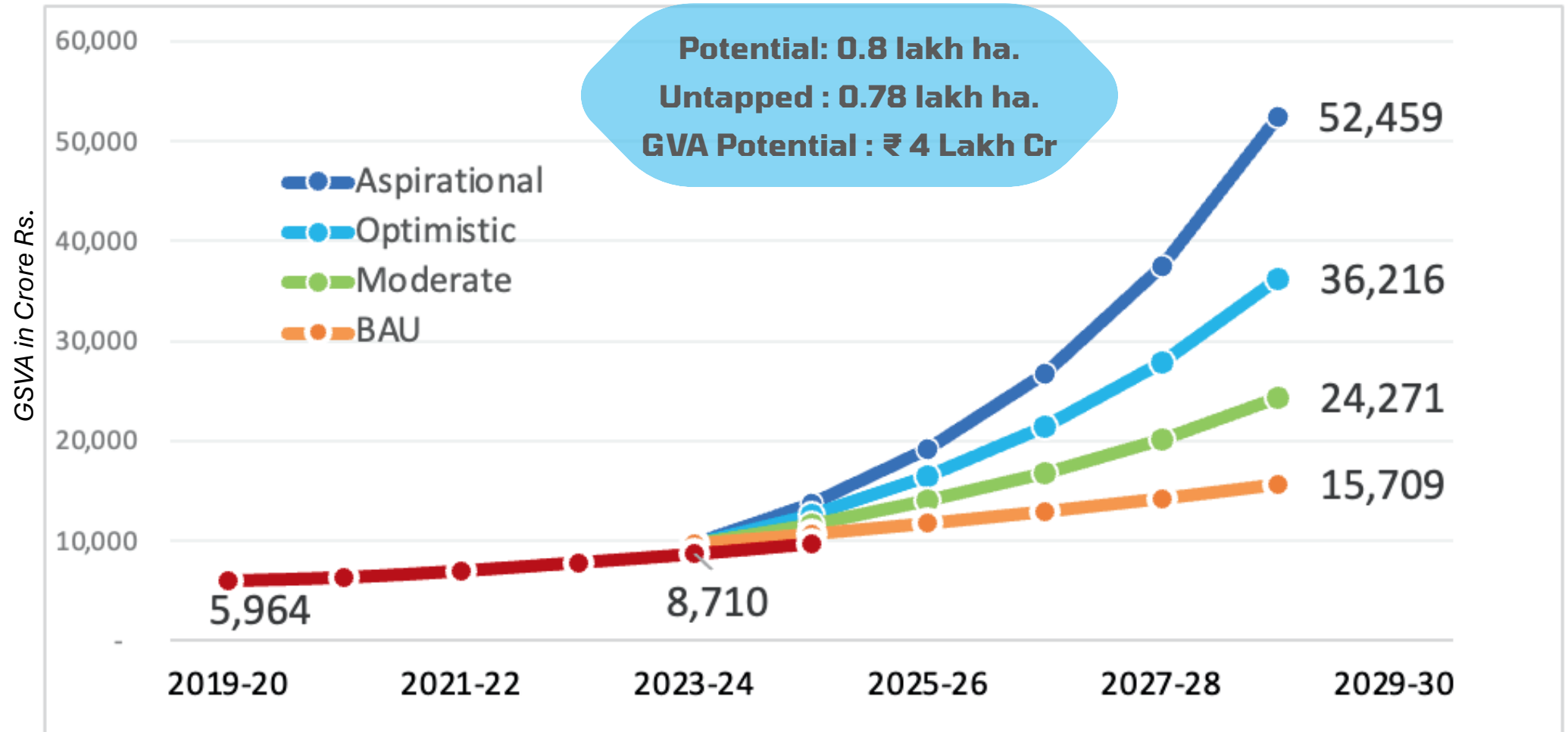


Technology-driven growth: Maharashtra set to leap from ₹10,000 Cr to ₹50,000 Cr by 2029, unlocking ₹4.0 Lakh Cr GVA by boosting productivity, tapping hidden potential, leveraging cooperatives, coastline, and saline lands, and raising fish consumption from 2.47 Kg to the national 14 Kg average.

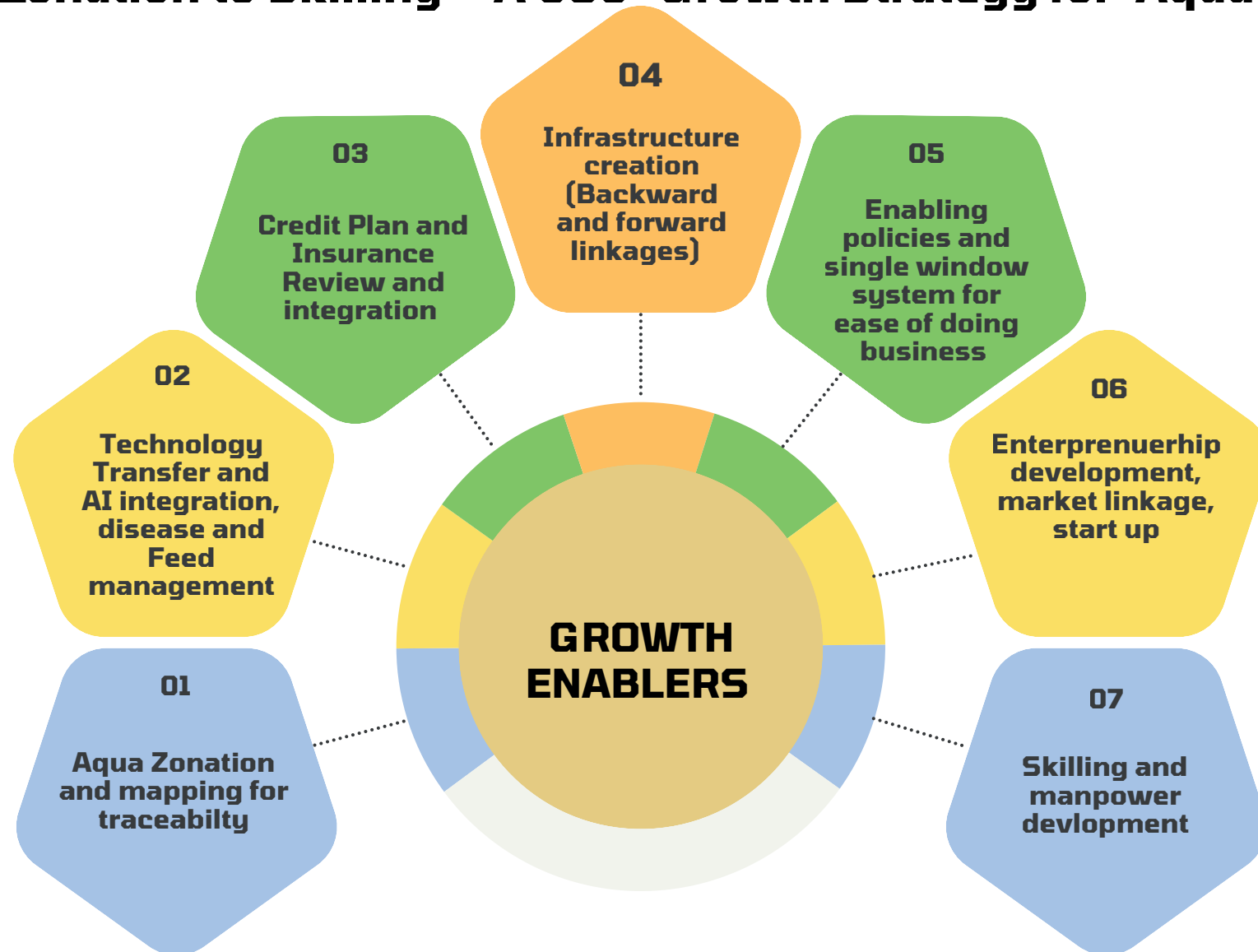
**Powered by new species introduction, scientific farming, and PMMSY support –  
Maharashtra's aquaculture is set to touch double-digit production**

# ACCELERATING AQUA GROWTH PROJECTIONS

## Exploring 4 Growth Models with Annual Growth Rates from 10% to 30% CAGR



## From Zonation to Skilling – A 360° Growth Strategy for Aquaculture





## What makes it Unique



### Grass-Root Level

District level command-center dashboard (C2S) to identify key performing and under-performing districts for command-centre bureaucrats on ground-reality checks



### Tailored Strategies

Tailored Strategies for identified cohorts and beneficiaries and providing action plan to forge ahead



### Real Time Insights

Real-time updates from multiple data sources, enabling instant monitoring and faster decision-making at every level.



### Data-Driven C2S

State Level PMO Design for dashboard to be managed on our solution with RBAC (Role Based Access Control) to CMO and respective stakeholders



### Cost-Effective Solutions

Our solutions are developed on real-time data across various state departments with no-cost included



### AI-Driven Analytics

AI and ML, our solution provides predictive insights, anomaly detection, and smart recommendations to empower data-driven strategies.



# AQUACULTURE - DASHBOARD TO MONITOR THE PRGRESS

## Project Tracker - AI-Driven Insights Powering High-Impact



### Maharastra Aqua Dashboard

#### GSVA - AQUA

₹ 7,000Cr

Achieved: 55%

#### Production

4.5Lakh MTs

Achieved: 60%

#### Cultivated Area

1,300Ha

Achieved: 60%

#### Additional Area

*Brought under Cultivation*

100Ha

Achieved:30%

#### Insurance Covered

400Ha

Achieved:18%

#### Credit Support

₹ 100Cr

Achieved:45%

#### Technology Adoption

300Ha

Achieved:15%

#### Aqua Parks

2 No.

85 Ha

₹ 180Cr

\*Sample Dashboard with sample data

From Ground Reports to Ministerial Dashboards  
One Integrated Dashboard for Aquaculture Impact

# CHAPTER-4

## **LIVESTOCK & SHG BASED CONCLAVE LED STRATEGY FOR POVERTY REDUCTION AND ENTREPRISE DEVELOPMENT**

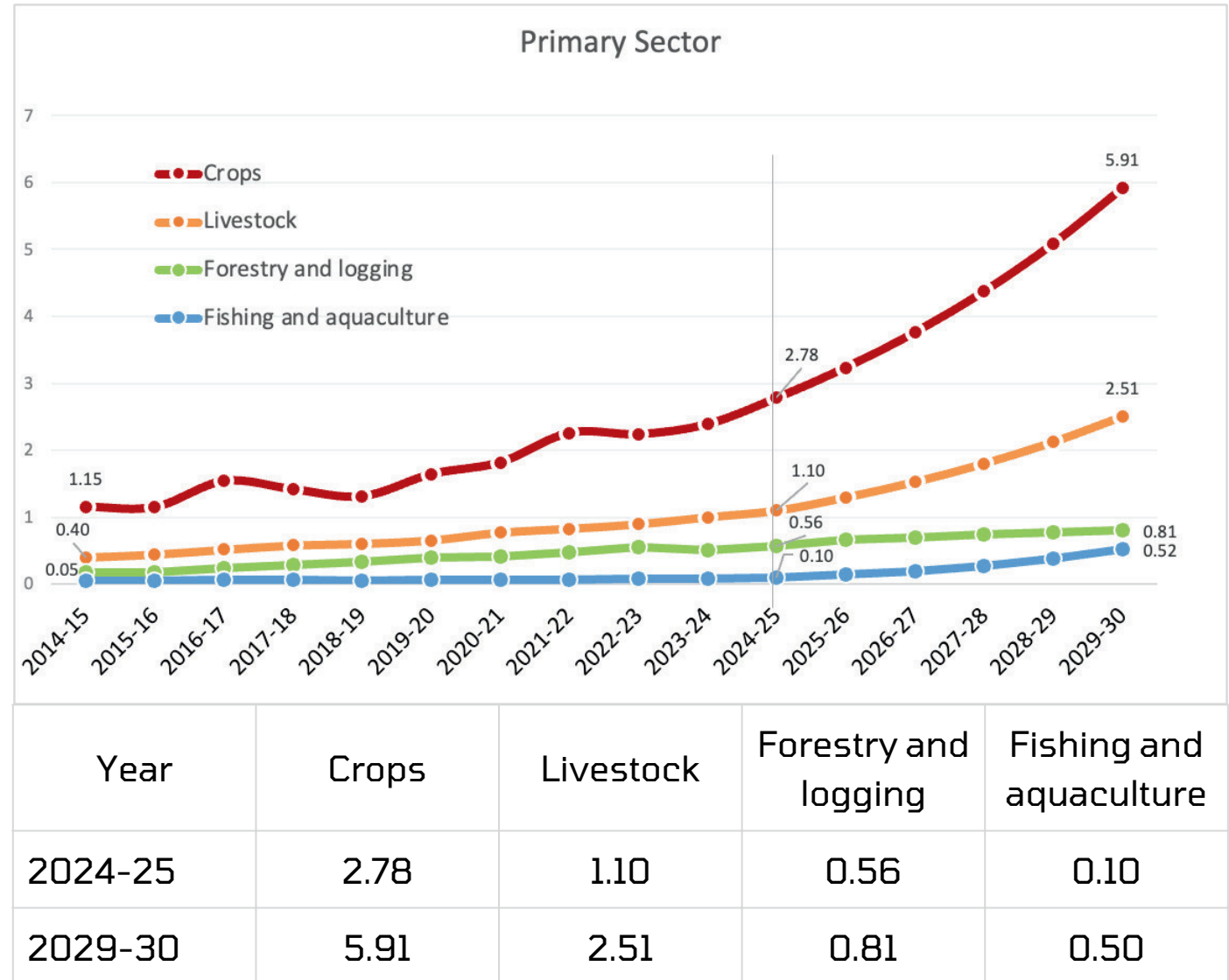
**Primary Sector: ₹ 10.5 lakh Cr by 2029**

# PRIMARY SECTOR BY 2029-30

## Transforming Maharashtra's Agriculture & Allied Sectors into Growth Engines

### Maharashtra

- 13.2% of total GSVA from Primary sector.
- Total primary sector value in 2024-25: 5.2 lakh crore
- Will be raised to 10.5 lakh crore by 2029



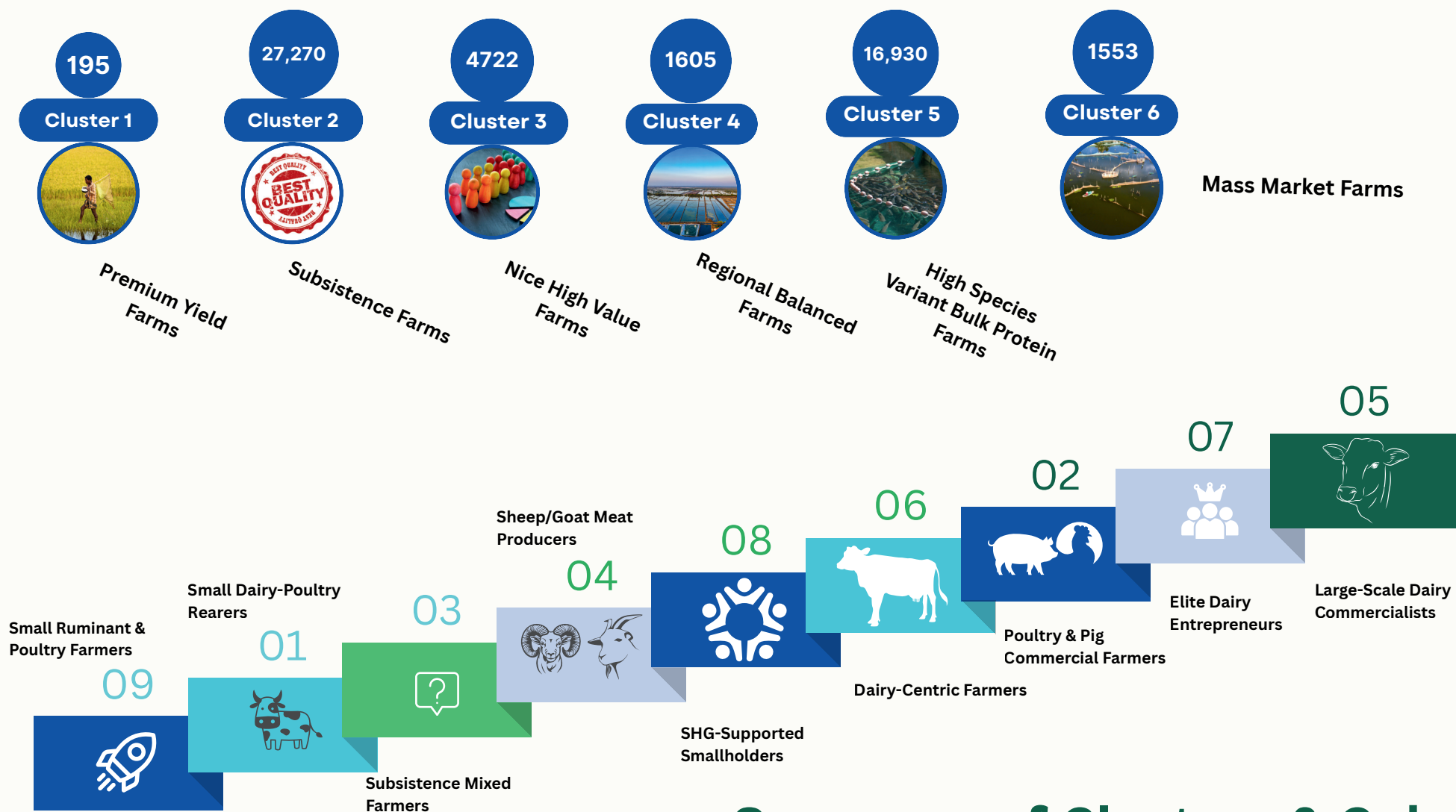
- **Andhra Pradesh** shown a progress with 16% CAGR in primary sector during 2014-19
- Livestock: 20% CAGR
- Aquaculture: 30% CAGR

GFST is spearheading transformative growth across crops, livestock, forestry, and aquaculture, leveraging AI-driven strategies to boost productivity, value addition, and farmer incomes — propelling Maharashtra towards its trillion-dollar milestone by 2029





# AI/ ML BASED DATA ANALYTICS - LIVESTOCK



## Summary of Clusters & Cohorts

# CHAPTER-5

## SELF HELP GROUPS - ANDHRA PRADESH

**86% SHG women earn <₹3 lakh**

**Rural SHGs dominate low-income groups**

**Rural: agriculture-heavy; Urban: unskilled-heavy**

**Lakshpati Didis show shift to business & skills**

# SHG Members - Income Category – Rural and Urban

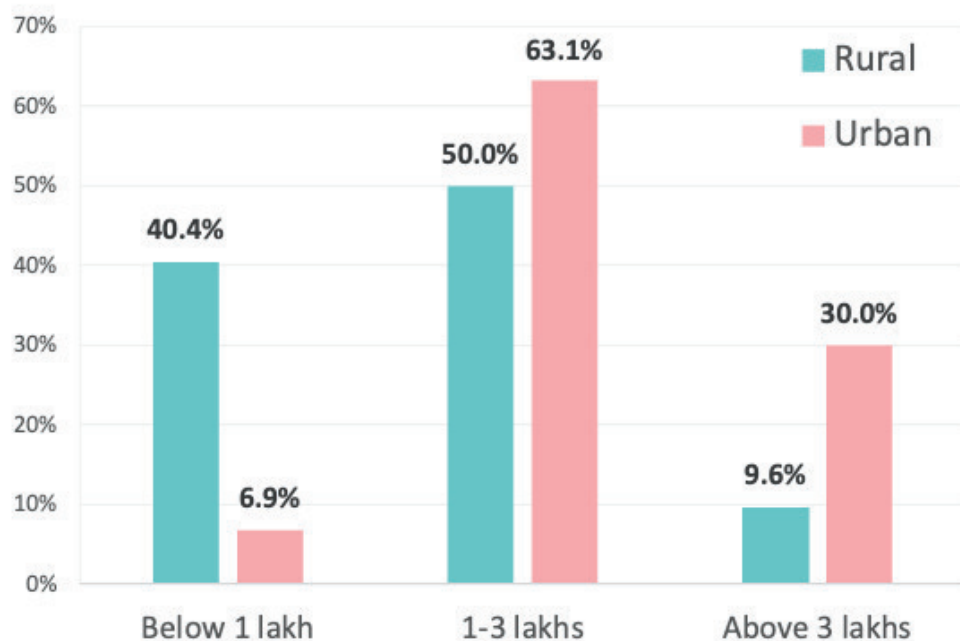
Income Below 1 lakh SHG members:

- Rural: 40% (35.3 lakh)
- Urban: 6.9% (1.54 lakh)
- Total: 33.6% (36.85 lakh)

Income Below 3 lakh SHG members:

- Rural: 90% (78.9 lakh)
- Urban: 70% (15.77lakh)
- Total: 86% (94.7 lakh)

Share of Income Groups



| Income Category  | Rural SHG Members | Urban SHG Members | Total SHG Members | Avg Income in Lakh Rs./ | Total income in Crore Rs. |
|------------------|-------------------|-------------------|-------------------|-------------------------|---------------------------|
| Below 1 lakh     | 3,530,330         | 154,904           | 3,685,234         | 0.75                    | 27,639                    |
| 1-2 lakhs        | 3,185,193         | 696,762           | 3,881,955         | 1.5                     | 58,229                    |
| 2-3 lakhs        | 1,176,064         | 724,880           | 1,900,944         | 2.5                     | 47,524                    |
| 3-4 lakhs        | 459,763           | 471,750           | 931,513           | 3.5                     | 32,603                    |
| 4-5 lakhs        | 168,334           | 143,538           | 311,872           | 4.5                     | 14,034                    |
| 5-6 lakhs        | 77,449            | 35,542            | 112,991           | 5.5                     | 6,215                     |
| 6-7 lakhs        | 44,004            | 7,061             | 51,065            | 6.5                     | 3,319                     |
| 7-8 lakhs        | 23,123            | 5,489             | 28,612            | 7.5                     | 2,146                     |
| 8-9 lakhs        | 16,109            | 2,204             | 18,313            | 8.5                     | 1,557                     |
| 9-10 lakhs       | 10,486            | 1,290             | 11,776            | 9.5                     | 1,119                     |
| 10 lakhs & above | 39,559            | 8,035             | 47,594            | 11                      | 5,235                     |
| <b>Total</b>     | <b>8,730,414</b>  | <b>2,251,455</b>  | <b>10,981,869</b> | <b>1.8</b>              | <b>199,620</b>            |

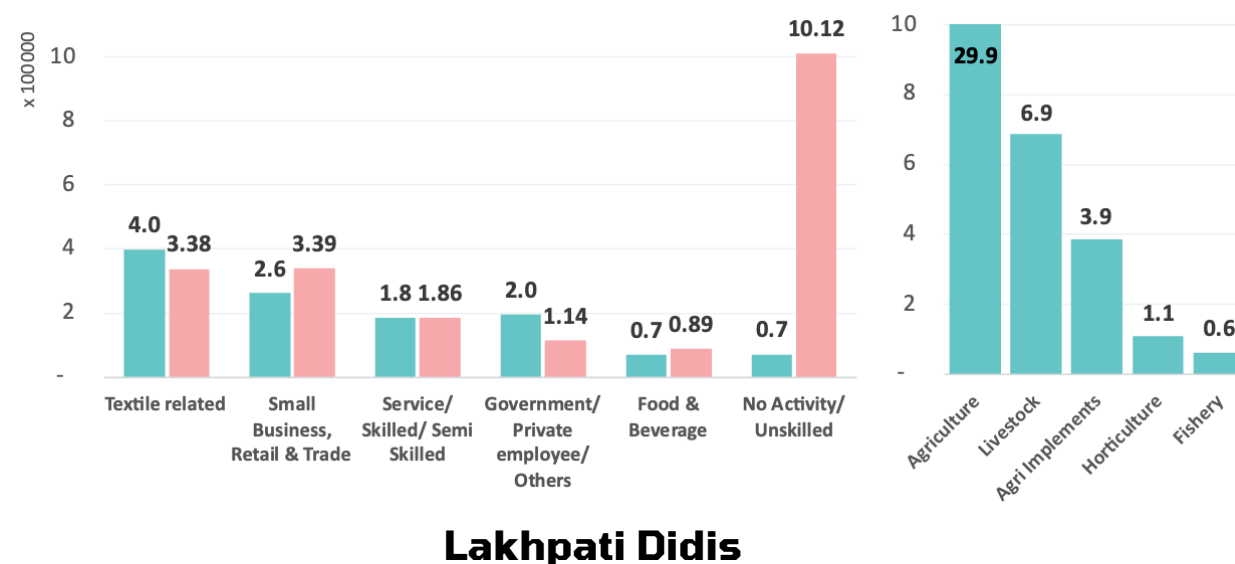
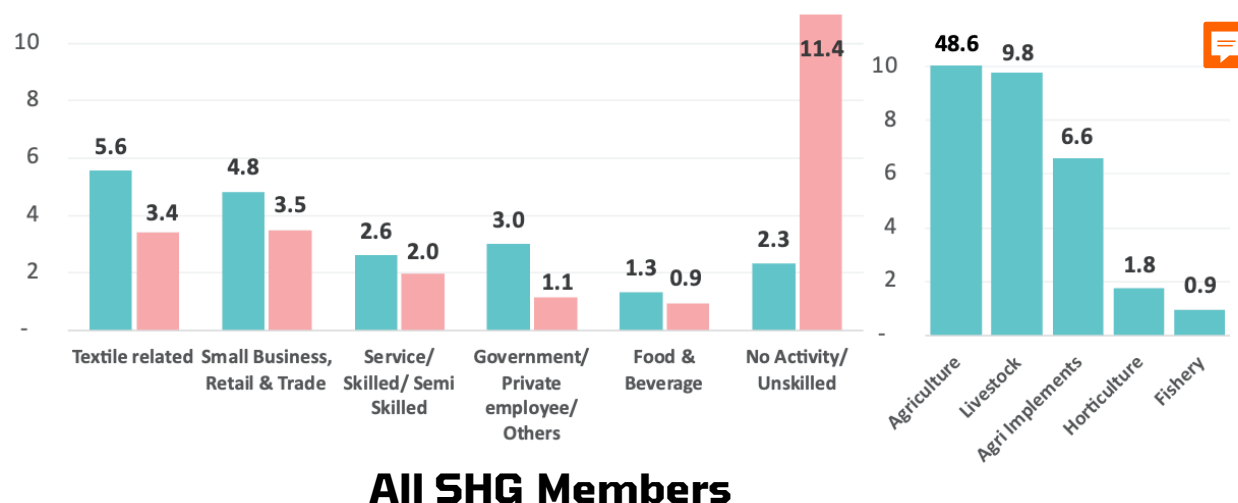
**Empowering 1.1 crore SHG members – bridging rural-urban income gaps for inclusive growth**

Higher Rural Engagement in Agriculture – Rural participation in agriculture is significantly higher (>55% of all activities total). Same dominance in rural for both Livestock and Horticulture also.

More Urban Unskilled Workers – Urban areas have a much higher share of "No Activity/Unskilled" workers (47% Lakhpati Didis, 51% All SHG Members).

Textile Work More Common in Rural Areas – Highest contribution in other than Agricultural allied activities) >15% in urban and >6% in Rural for both Lakhpati and all SHG members categories. Comparatively 1% more contribution in all SHG members category.

Small Business & Trade – Comparing between rural and urban, a little bit higher participation in Rural for all SHG members, but it is reverse for Lakhpati Didis





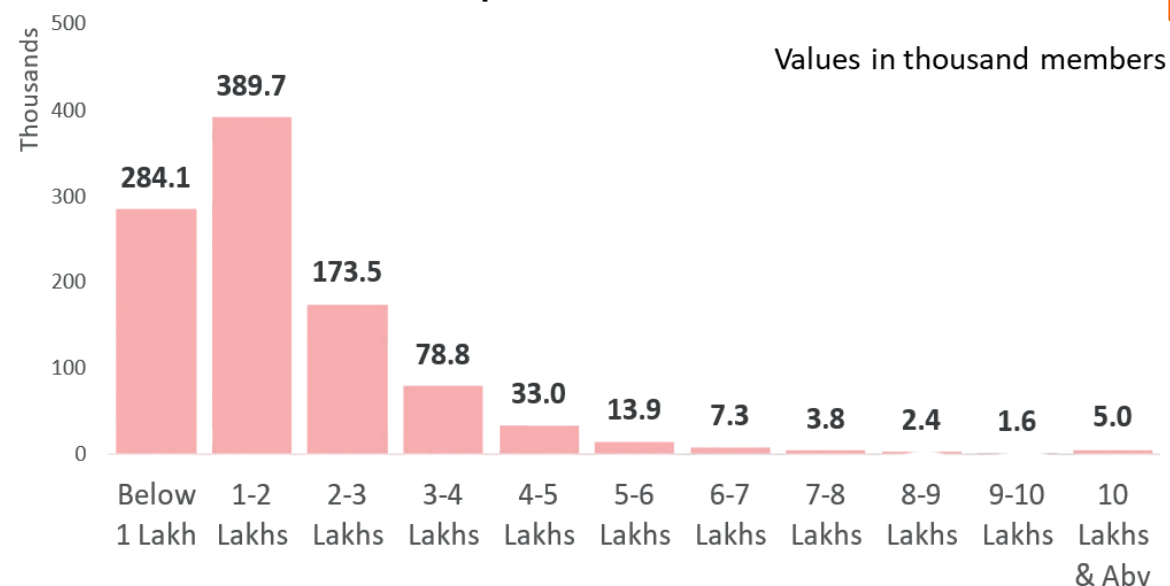
|    | Income Group   | SHG Members | Total Income in Crore Rs. | Avg. Income in Rs |
|----|----------------|-------------|---------------------------|-------------------|
| 1  | Below 1 Lakh   | 2,83,321    | 1,823.41                  | 64,358            |
| 2  | 1-2 Lakhs      | 3,87,339    | 5,327.48                  | 1,37,540          |
| 3  | 2-3 Lakhs      | 1,63,402    | 3,830.57                  | 2,34,426          |
| 4  | 3-4 Lakhs      | 70,119      | 2,319.24                  | 3,30,757          |
| 5  | 4-5 Lakhs      | 27,319      | 1,175.93                  | 4,30,444          |
| 6  | 5-6 Lakhs      | 12,384      | 653.96                    | 5,28,068          |
| 7  | 6-7 Lakhs      | 7,036       | 439.84                    | 6,25,125          |
| 8  | 7-8 Lakhs      | 3,618       | 264.13                    | 7,30,034          |
| 9  | 8-9 Lakhs      | 2,211       | 183.65                    | 8,30,617          |
| 10 | 9-10 Lakhs     | 1,543       | 143.45                    | 9,29,683          |
| 11 | 10 Lakhs & Abv | 4,615       | 819.14                    | 17,74,944         |
|    | Total          | 9,62,907    | 16,981                    | 1,76,349          |

29% - Non lakhpati didis (income below 1 lakh)

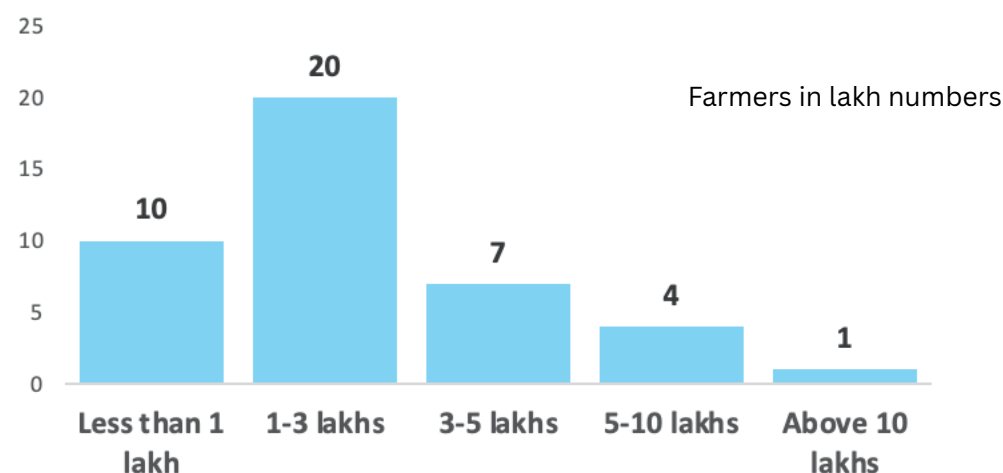
87%-income below 3 laks per annum

0.5%-in 10 laks and above group with average income as 17.7 lakhs per annum

Income Group - Number of SHG Members



Income Group - Number of Livestock Farmers



**Livestock-driven SHG growth: reducing poverty, creating Lakhpati Didis, and fueling rural transformation**

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For inquiries or further information, please contact GFST at (admin@gfst.in).

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Global Forum for Sustainable Transformation  
#409, 4th Floor, Shangrila Plaza, Road No.2,  
Banjara Hills, Hyderabad 500034, Telangana, INDIA.  
www.gfst.in



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