

Maharashtra Economic Advisory Council 2023



**Implementation framework for becoming a \$1
Trillion economy.**

Maharashtra is India's largest state economy contributing ~\$450 Bn (13%) to national GDP in FY22. With India poised to become a \$5 Trillion economy in the near-term, Maharashtra has taken on an aspirational target to achieve \$1 Trillion in GSDP by FY28. Historically, Maharashtra's GDP has grown at ~9% (From FY12-FY22), which implies Maharashtra will reach \$1Tn GDP by 2031-32 if it sustains historic growth rate. However, to achieve its target by FY28, Maharashtra will have to accelerate and grow at ~14-15% annually.

Hon' Chief Minister and Hon' Deputy Chief Minister of Maharashtra formed the Economic Advisory Council (EAC), led by Mr. N. Chandrasekaran and comprised of 21 eminent leaders. EAC's mandate was to prepare a detailed roadmap which could enable the state to achieve the aspirational \$1 Trillion GSDP target by FY28.

EAC team interacted with 500+ stakeholders across 18 districts of the state and consulted 75 sectoral experts to identify recommendations. These recommendations have been identified and presented across 8 sub-groups i.e., Manufacturing, Services, Agriculture & Allied, Energy Renewables & Sustainability, Construction, Real Estate & Logistics, MSME enablement, Ease of Doing Business and Skill Development.

To ensure effective execution of these recommendations, the EAC has created a detailed implementation framework, which can be executed via a governance structure. Key outcome and lead metrics should be collated and reviewed periodically across district and state level to ensure implementation.

Implementation framework

A detailed implementation framework has been laid out which includes:

- **Initiative/intervention:** 300+ initiatives and interventions identified are linked to sub-group wise recommendations. Detailed action items and tasks for each initiative to be defined by responsible departments
- **Intervention type:** Relevant type of intervention has been mapped for each initiative i.e. act amendment, policy, regulation, procedures or execution (e.g. Policy intervention for Udyog Seva Kendra, Act Amendment for Mathadi, regulations in Power). The government administration would need to validate the mapping.
- **Responsibility:** Responsibility has been assigned to relevant government department or agency for each initiative to ensure accountability and inter-departmental coordination (e.g. Labor and Industry for Mathadi act amendment). The government administration would need to validate the mapping.
- **Timelines:** Indicative timelines have been defined as short term (<1 year), Medium term (1-2 years), Long term (> 2 years). Detailed plan for each initiative with milestones need to be designed by responsible department
- **Metrics:** Metrics and indicators to measure progress of the initiative have been indicated which can be linked to the dashboard. Measurement systems and processes may need to be deployed to track suggested metrics. Targets need to be set for finalized metrics by the committee e.g., SLAs, coverage, timelines for key actions

This detailed implementation framework is presented subsequently across the 8 sub-groups.

Implementation Framework - Detailed

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
1. Manufacturing							
Sourcing investments for focus industries	1	Source capital investments from private and public participants for identified 16 focus industries and sunrise industries to achieve target GVA	Policy /execution	Industrial Policy	Industry	Short term	Capital investment by industry (\$Bn)
Policy intervention	2	Initiate policy benchmarking against peer states and enhance existing Industrial policy of Maharashtra to offer competitive incentives	Policy	Industrial Policy, Package Scheme of Incentives 2019, Sector specific policies	Industry	Short term	Cost of Doing Business by industry vs. peer states
Policy intervention	3	Develop industry specific policies which are present in other states and not in Maharashtra (e.g., semiconductors)	Policy	New	Industry	Short term	# of new policies developed for focus industries and sun-rise sectors
2. Services							
2.1 Financial services							
A. Strengthening Maharashtra as financial hub							
Financial centre	4	Develop integrated residential and commercial spaces along Mumbai-Pune corridor, to attract firms focused on back-office and middle office operations, and create a financial hub	Policy/execution	New	Industry, PWD, Urban Planning	Long term	# of companies set up GVA of financial centre # of jobs created
	5	Appoint relationship managers for making investment pitches and providing implementation support to global financial institutions in setting up back, middle-offices	Policy/execution	New	Industry	Short term	# of global financial institutions pitched Investments attracted (\$Bn)

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	6	Conduct feasibility assessment for setting up satellite branch for GIFT city near Mumbai, to provide offshore financial services, with a GVA sharing mechanism between states	Policy/regulation	New	Industry	Long term	Status of feasibility assessment vs proposed timeline
Fintech hub	7	Assess outcome of existing fintech policy by tracking targets set in the policy (e.g. number of startups incubated, PE/VC funding attracted) and identifying implementation challenges	Execution	Fintech policy 2018	Industry	Short term	# of fintech startups incubated PE/VC funding attracted (\$Bn) # of jobs created # of unicorns headquartered in the state % startups moved out of the state
	8	Enhance state policy with additional incentives such as reimbursement of employee cost, subsidies on training courses, subsidized subscription to services e.g., cloud	Policy	Fintech policy 2018	Industry	Short term	
	9	Set up Fintech cell for promotion, facilitation and advisory support to fintech's, attracting PE/VC funding for fintech startups and retention of existing fintech startups	Policy/execution	Fintech policy 2018	Industry	Medium term	
	10	Setup sandbox in partnership with regulator (consisting of API exchange, core banking software, analytical tools) to help fintech's develop and test prototype products	Policy/execution	Fintech policy 2018	Industry	Medium term	
Exchanges for new asset classes	11	Identify and pitch to upcoming exchanges of new asset classes (e.g. social stock exchange, carbon exchange)	Policy	New	Industry	Medium term	Investment from new exchanges (\$Bn) # of new enterprises listed on exchange # of investors participating on the exchanges Trading value (\$Bn)
	12	Evaluate and provide fiscal incentives such as exemption of listing fees for entities to drive higher penetration of new asset classes (e.g. social sector enterprises listing on social stock exchange)	Policy	New	Industry	Medium term	

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Common enablers	13	Evaluate and provide financial incentives to improve all-in capital and operational cost for companies (e.g. power tariff reduction, subsidies on tech investment costs, training costs)	Policy	New	Industry	Short term	
	14	Provide fast-track regulatory approvals and single window clearances by setting up a nodal agency	Execution	-	Industry	Short term	Time to receive clearances (days)
Talent	15	Support private sector and university partnerships in developing and delivering content to create a large base of skilled talent pool e.g. banking and insurance field force, finance professionals for mid and back offices	Policy	New	Industry	Medium term	# of courses created # of people enrolled in the courses
B. Increase penetration of financial products (MSME credit detailed in MSME enablement)							
Common	16	Set targets for penetration of financial products (credit, insurance, investments) across segments (agriculture, MSME, retail) at the state and district level	Policy	New	Planning	Short term	Credit outstanding as % of GDP/GVA Insurance premiums as % of GDP/GVA Investment AUM as a % of GDP/GVA
	17	Set up Innovation fund to develop and deliver innovative use cases in credit and insurance	Policy	New	Planning	Short term	Fund size (\$Bn) and utilization
Agricultural credit	18	Drive higher share of long-term investment credit in agri infrastructure and allied activities by introducing focused interest subvention schemes, defining guidelines for banks for extending credit for such activities, setting targets for investment credit under Scale of Finance framework	Policy/execution	New	Planning, Agriculture	Long term	% of investment credit of total agri credit

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	19	Allow mortgage of agricultural land for specific non-agricultural purposes e.g. primary food processing activities	Act amendment	To be identified	Planning, Agriculture	Short term	% of credit for non-agricultural purposes
	20	Design innovative tailored crop loan products (in partnership with fintech's) and interest subvention schemes and leverage cooperative banks network to drive adoption	Execution	-	Planning, Agriculture	Medium term	% farmers with credit from financial institution
	21	Develop an alternative credit score mechanism for farmers in partnership with credit rating agencies as well as define methodology for incorporating impact of farm loan waivers	Procedures/execution	-	Planning, Agriculture	Medium term	-
	22	Create focused schemes to channelize bank credit to self-help groups (SHG) and Joint Liability groups (JLG)	Execution	-	Planning, Agriculture	Short term	Bank credit to SHGs (\$Bn) % of SHGs with bank linkages
	23	Leverage cooperative banks network to improve adoption of central government programs such as Kisan credit card and interest subvention schemes (e.g., Agriculture Infrastructure Fund)	Execution	-	Planning, Agriculture	Long term	% farmers covered by government programs
	24	Increase usage of NABARD funding schemes for agricultural infrastructure projects	Execution	-	Planning, Agriculture	Medium term	% utilization of NABARD funding schemes
	25	Provide funding support for technology upgradation of cooperative banks to improve efficiency and transparency	Policy/execution	-	Planning, Agriculture	Short term	# of cooperative banks upgraded
	26	Set up Credit guarantee fund for small and marginal farmers in partnership with development finance institutions	Execution	-	Planning, Agriculture	Short term	Value of fund (\$Bn) % of small and marginal

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
							farmers with credit from formal institution
Retail credit	27	Drive innovation in development of new use cases (e.g. credit on UPI) in partnership with fintech's	Execution	-	Planning	Medium term	-
	28	Drive adoption of new credit products in partnership with cooperative banks and NBFCs by creating awareness	Execution	-	Planning	Medium term	% population with gold loan accounts
	29	Create micro-credit card programs at subsidized interest rates to enable unsecured credit access to low-income groups and women	Execution	-	Planning	Medium term	Penetration of credit in women and low-income groups
	30	Drive digitization of SHGs (for micro-credit) in partnership with NABARD e-shakti project to improve SHGs-banks linkage	Execution	-	Planning	Medium term	# of SHGs digitized
Insurance	31	Life: Launch state sponsored group life insurance schemes providing adequate cover and targeting vulnerable groups like farmers, MSMEs	Execution	-	Planning	Medium term	% population covered by life insurance Average premium/income
	32	Health: Enhance state health insurance schemes by improving benefits (e.g. higher sum insured, AYUSH coverage) and covering wider segment of population	Execution	-	Planning, Health	Medium term	% households covered by health insurance
	33	Agriculture: Launch state sponsored crop insurance schemes in partnership with private insurers to provide tailored crop insurance based on type of crop (e.g., horticulture crops), geography (e.g., Nashik, Solapur), purpose (e.g., export) and risks (e.g., pest, hailstorm)	Execution	-	Planning, Agriculture	Medium term	% area under crop insurance of gross sown area

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	34	Allied: Create focused insurance schemes for allied activities (e.g. livestock insurance)	Execution	-	Planning, Animal Husbandry, Dairy development, Fisheries, Sericulture	Medium term	
	35	MSMEs: Design state level insurance schemes for MSMEs linked to credit guarantee schemes and incentivize adoption of products like export credit insurance	Execution	-	Planning, Industry	Medium term	% MSMEs covered by business insurance
	36	Other insurance: Offer home insurance schemes (linked to Pradhan Mantri Awas Yojna), unemployment insurance schemes (benefit linked to job matching and vocational training services)	Execution	-	Planning, other department (as relevant)	Medium term	% affordable housing units covered by home insurance % unemployed population (registered) covered by unemployment insurance
	37	Enable credit under-writing by integrating with government databases (e.g., database of PMJAY) and identify uninsured population by developing APIs	Execution	-	Planning	Long term	-
	38	Develop tailored insurance products in partnership with incumbent insurers and insurtechs	Policy/execution	New	Planning	Short term	-
	39	Create dedicated innovation fund to develop and deliver innovative use cases of insurance	Execution	-	Planning	Short term	Fund size (\$Bn) and utilization
	40	Introduce incentives or mandates to enhance private insurers participation in government sponsored schemes	Policy	New	Planning	Short term	Share of private insurers in premiums

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	41	Collaborate with private players and regulator to unlock non-bank distribution channels (e.g., cooperatives, self-help groups, common service centres)	Policy/Regulation/execution	New	Planning, RBI	Short term	% premiums distributed via non-bank channels
	42	Set targets to accelerate adoption of centrally sponsored schemes	Execution	-	Planning	Short term	% share of state in central government schemes % of eligible population participating in central schemes
	43	Drive financial literacy programs and adoption of investment products by partnering with private players and fintech's (e.g. Zerodha for equity, Safegold for digital gold) to	Execution	-	Planning	Short term	% population reached via financial literacy programs % of eligible population with demat account % of eligible population participating in stock market % of eligible population with digital gold account
	44	Set targets to accelerate adoption of central government initiatives like small savings scheme and tax saving deposits, mutual funds and other investment instruments	Execution	-	Planning	Short term	% share of state in central government schemes % of eligible population participating in central schemes
2.2 IT/ITeS							
Policy intervention	45	Position Maharashtra as an IT destination to major IT firms and source investments to develop industry	Execution	-	Industry	Medium term	\$ Bn of investments in IT industry in Maharashtra; \$ Bn incremental GVA

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
							(including exports) from Maharashtra
Policy intervention	46	Identify specific policy interventions to develop Maharashtra as the AI Capital of India (including subsidies, ease of doing business)	Policy	-	Industry	Short term	Maharashtra's Share of GVA from AI firms in India
Infrastructure Development	47	Initiate development of integrated IT parks and real estate (affordable housing, commercial spaces) basis urban infrastructure master plan, by providing competitive incentives in Tier 2 cities	Policy / execution	IT Policy 2023	Industry + Planning	Medium term	Mn Sq Ft of operational IT Parks, commercial real estate and affordable housing developed in Tier-2 cities
Transportation connectivity	48	Develop operational airports in Tier-2 cities of Maharashtra , improve transportation connectivity basis integrated master plan	Execution	-	Industry	Long term	# of new operational airports developed in Tier-2 cities
Internet connectivity	49	Provide high-speed internet connectivity (via fibre network to ensure low latency) and connectivity with global internet, via cable network for data centres in Tier-2 districts of Maharashtra	Execution	-	Industry	Long term	# of Tier-2 cities connected with global internet via cable network
Investment Sourcing	50	Position Maharashtra as an IT destination to major IT firms and source investments to develop industry	Execution	-	Industry	Medium term	\$ Bn of investments in IT industry in Maharashtra; \$ Bn incremental GVA (including exports) from Maharashtra
Start-up Hub	51	Develop a technology incubation centre to promote start-ups in Maharashtra (Similar to T-Hub)	Policy/Execution	IT Policy 2023	Industry	Medium term	Revenue from technology start-ups launched in Maharashtra

2.3 Healthcare

A. Improving health outcomes for Maharashtra

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Primary	52	Revamp primary care: Setup tech enabled, cloud based platform model that is integrated with existing primary health infrastructure in partnership with private player	Execution	-	Health	Medium term	# of healthcare touchpoints Out of pocket expenses per patient Time spent in admin work and non-clinical queries (hours)
	53	Scale telemedicine in Tier 2 and 3 regions by partnering with professional 3rd parties to develop and increase awareness of digital platforms	Execution	-		Medium term	# people covered by telemedicine # patients addressed via telemedicine
	54	Invest in building additional mother-child and district hospitals and upgrading existing PHCs/CHCs across districts	Execution	-	Health	Long term	# of district hospitals/area Capacity (# of beds) Government health expenditure (\$Bn)
Tertiary	55	Upgrade public secondary and tertiary hospitals under PPP model	Execution	-	Health	Long term	# of hospitals upgraded Private investment (\$Bn)
	56	Design framework for integration of medical and nursing colleges with public district hospitals (leverage PPP model of NITI Ayog)	Procedures/execution	-	Health	Long term	# of district hospitals mapped to medical colleges % utilization of district hospitals # doctors available / patients Private investment (\$Bn)
Ancillary	57	Promote set up of geriatric & assisted nursing facility by reserving land parcels for development of senior living facilities in proximity to secondary or tertiary healthcare	Policy/execution	New	Health, PWD, Urban Planning	Long term	Capacity of geriatric and assisted nursing facility/elderly population (60+)

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		facilities and incentivizing private players to set up					Private investment (\$Bn)
	58	Expand diagnostic labs network by providing incentives to private players and encouraging accreditation in tier-2/3 regions	Policy	New	Health	Medium term	# of diagnostic labs # of tests / population Private investment (\$Bn)
	59	Expand ambulance network by providing incentives on procurement of new ambulances to both government and private hospitals	Policy	New	Health	Short term	# of ambulances
	60	Veterinary: Incentivize private capital and PPP participation to establish healthcare facilities and veterinary training colleges across multiple districts, especially in rural areas	Policy	New	Health, Animal Husbandry	Medium term	Capacity vs requirement # of vet practitioners vs requirement Private investment (\$Bn)
	61	Set up a State Healthcare Innovation Fund , which would support emerging and innovative new technologies and R&D	Policy	New	Health	Short term	Fund value and utilization
B. Driving medical value tourism and other economic opportunities							
Medi hub	62	Setup integrated hub of mega tertiary care , alternate treatment (AAYUSH), medical and nursing colleges, and hotels in tier 1 and tier 2 cities. Explore Solapur, Sambhajinagar and Miraj in Sangli as potential destinations.	Policy/execution	New	Health	Long term	Private investment (\$Bn) # of jobs created GVA impact (\$Bn)
Medical value tourism	63	Boost Medical Value Tourism by extending benefits of tourism policy to MVT players	Policy	Tourism policy	Health, Tourism	Medium term	# of medical tourists Revenue impact (\$Bn)
Skilling - nurses, paramedics, doctors	64	Attract private investment for setting up of training institutes for nurses & midwives, paramedics under PPP	Execution	-	Health, Skill development	Long term	Capacity of training institutes (# of seats)
	65	Promote setup of nursing colleges together with setup of medical colleges , for new constructions by incentivizing private developers	Policy	New	Health, Skill development	Long term	Private investment (\$Bn) # nursing colleges

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	66	Increase adoption of central government initiatives for capability building of healthcare workers	Execution	-	Health, Skill development	Short term	# healthcare workers participating in specific programs
2.4 Tourism							
Enhance connectivity	67	Increase weekly incoming flights at existing airports of Tier-2 cities (Sambhajinagar, Shirdi, Kolhapur, and Nashik) by working with central aviation ministry and private airline companies .	Execution	-	Tourism, Aviation	Long term	Airport-wise # of weekly incoming flights % capacity utilization # of operational airports in state
	68	Revive non-operation airports of the state like Akola, Sindhudurg and Solapur by working with aviation ministry and local urban bodies to	Execution	-	Tourism, Aviation	Long term	Airport-wise # of weekly incoming flights % capacity utilization
	69	Evaluate feasibility to add another airport in Ratnagiri to promote tourism along the Konkan coast as currently Ganpatipule (major tourist attraction in Ratnagiri) is 4-5 hours away from nearest airports at Kolhapur and Sindhudurg.	Execution	-	Tourism, Aviation	Long term	-
	70	Acquire 100-200 acre land near the docks for building government or PPP-backed marinas on build operate transfer models with a dedicated boardwalk, by working with local port trusts Lease out remaining area to private developers for setting up hotels and shopping zones, reserved for state-grown or promoted brands.	Execution	Retail Trade Policy	Tourism, Port Trust, Revenue, Planning	Long term	# of Marinas in State Average monthly visitations and receipts at Marina tourism zones

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	71	Work with industries department and state investor cell to offer subsidies to invite local and global airlines and cruise companies to set up base in Mumbai and enable it to serve as regional aviation and cruise transit hub.	Execution	Maharashtra New Industrial Policy	Tourism, Industries, Revenue	Long term	# of airlines and cruise companies with regional HQ in Mumbai
	72	Conduct a district-wise monthly incoming tourist analysis (by state of origin) and work with transportation department and IRCTC to increase incoming trains to respective districts during peak season.	Execution	-	Tourism, IRCTC, Transportation	Medium term	# weekly incoming trains at district stations
	73	Work with NHAI, local urban bodies and private companies responsible for operating and maintaining roads to improve quality of intra-circuit roads . Additionally, work with MSRTC to assess demand for increasing bus fleet towards tourist attractions.	Execution	Maharashtra State Urban Transport Policy	Tourism, Local urban bodies, NHAI, Transportation	Medium term	Average road travel time taken one district to another Number of inter-district MSRTC buses
Create enabling infrastructure and perform upkeep	74	Conduct district and city level planning to map mini-tourism zones based on the planned tourism theme - leisure, business, pilgrimage, agriculture, culture, wildlife or ecological. Develop a land acquisition plan and lease out government land to private developers for building hotels, restaurants, theme parks, adventure activities, ecological parks, and other things to do, including iconic tourism attractions. Prioritize plan development for Mumbai 2.0, Nashik-Aurangabad-Shirdi pilgrimage circuit, fort tourism circuit, and Konkan beach tourism circuit.	Execution	-	Tourism, Planning, Revenue, Urban Local Bodies	Medium term	# of district and city level plans

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	75	Create special Tourism Infrastructure Development Funds via public private partnerships (PPP) for building enabling infrastructure like roads, parking, gardens near district-level tourism projects. Additionally, offer tourism policy support to private players upto a specified amount for developing complementary infrastructure like roads, sewage disposal, power, and water connectivity.	Execution	Maharashtra Tourism Policy	Tourism	Short term	# and size of tourism infrastructure development fund by district
	76	Evaluate and establish dedicated beach cleaning programs and increase waste management infrastructure investments at key public beaches, especially where Marinas (like Mumbai east-coast) will be built.	Execution	Maharashtra Tourism Policy	Tourism, Environment, Forest, and Climate Change	Medium term	# and size of beach cleaning programs in state % of coastline coverage of beach cleaning programs
	77	Work with ASI, urban local bodies, temple trusts, and local transportation departments to initiate unified tourist travel passes to allow tourists to discover and easily access local tourist attractions.	Execution	-	Tourism, ASI, Urban Local Bodies	Short term	# of unified travel passes # of average attractions covered per travel pass
	78	To plan for future e-mobility, offer additional incentives to hotels to build EV charging facilities and procure EV buses for tourism.	Execution	Maharashtra Tourism Policy	Tourism	Short term	# of hotels with EV charging infrastructure # of EV buses for tourism
Ease of doing business	79	Set up a High Powered Committee to ensure timely approval, including on project deviations (land use restrictions, net worth criteria, project timelines, complimentary infrastructure development) and	Execution/ Procedure	Maharashtra Tourism Policy	Tourism, All Other Coordinating Departments	Short term	-

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		implementation of major projects (defined basis investment and employment threshold).					
	80	Set up a Tourism Investor Cell with mixed participation from public and private sector to organize conferences to promote Maharashtra as tourism investment destination, reach out to private sector investors, organize bidding processes to channel new investments, support on valuations & business modelling, and enable carve-outs.	Execution/ Procedure	Maharashtra Tourism Policy	Tourism, All Other Coordinating Departments	Short term	# and size of tourism investment projects
	81	Set up a District Tourism Council under District Collector and include district heads of respective coordinating departments to ensure smooth inter-department coordination, provide project management support (through an appointed 3rd party) on the ground and address grievances of private sector players. The district council must be empowered to approve projects, incentives, subsidies, and concessions up to a pre-defined threshold amount, without escalation to the high-powered committee.	Execution/ Procedure	Maharashtra Tourism Policy	Tourism, All Other Coordinating Departments	Medium term	# and size of deviations # and TAT of grievance addressal
	82	Segregate roles of all departments to avoid any confusion and enable faster decision making, by coordinating between centre and state government to clearly; release a document for the private sector to highlight the same, post all internal alignments.	Execution/ Procedure	-	Tourism, All Other Coordinating Departments	Short term	-

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	83	Work with CM/DyCM's office to ensure operationalization of single window clearance (one stop hassle free licensing approvals) for mega projects, live events and other tourism projects based on investment size and employment generation requirements. Over time develop a model where the state executes all the clearances and approvals required from all ministries within a defined amount of time for the private investment company.	Execution/ Procedure	Single Window Policy	Tourism, Planning, Revenue, Industries	Short term	Average and median # of days taken for decision making
	84	Increase frequency of decision making and review meetings' to expedite approvals of new proposals and track actions taken on key decisions from last meeting. The frequency of meetings must depend upon the investment size of the project and degree of inter-department coordination required.	Execution/ Procedure	-	Tourism, All Other Coordinating Departments	Short term	Average and median # of days taken for decision making
	85	Enlist a 3rd party to establish a dedicated program management office for building detailed workplans of projects with time-based milestones, follow up on progress, schedule meetings, report achievements and escalate potential risks.	Execution/ Procedure	Maharashtra Tourism Policy	Tourism, Urban Local Bodies	Short term	% of projects operating 'on-time', 'at-risk of delay, and 'delayed'
	86	Set up a rewarding committee to give quarterly awards to departments and individuals for timely and on-budget completion of projects. For example the rewards can range from recognition on	Execution/ Procedure	Maharashtra Tourism Policy	Planning, Revenue, Tourism	Short term	-

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		government website, fast-track promotions, and preferred inter-department movements.					
	87	Evaluate an inter-department revenue sharing model to allocate a pre-agreed percentage of ticket sales and GST collection at major tourism sites with all the coordinating departments.	Execution/ Procedure	-	Tourism, All Other Coordinating Departments	Medium term	Average revenue per department
Empower on-ground execution	88	Hire a professional IT agency to develop a content management platform and serve as a resource for Maharashtra tourism suppliers. Allow local businesses (culinary, handicrafts, adventure sports and others) to upload pictures, videos and blogs on it. Allow hospitality players, travel agencies and other tourism websites with access to consumer base to leverage that content for building itineraries and promotional campaigns.	Execution	Maharashtra Tourism Policy	Tourism	Medium term	# of Tourism suppliers on the platform # of content creators on the platform Monthly and daily active users
	89	Create a market research and data analytics cell to develop quarterly Maharashtra tourism report (similar to Gujarat's Aatithyam dashboard) on number of visitations, their place of origin, transport mode, number of rooms, duration of stay, average spend per visitor, number of flights to Maharashtra by each airport, tourism receipts and employment generation. Engage a market research firm to survey tourists and collect visitation data.	Execution	Maharashtra Tourism Policy	Tourism	Short term	# of tourism reports and studies released per year
	90	Organize business matching programs and conclaves by inviting travel, hospitality, theme	Execution/ Procedure	-	Tourism	Short term	# of business matching conclaves organized

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		park, adventure sports and other tourism industry players to partner and develop new tourism products and pricing packages for the destination. Give additional incentives to hospitality associations to organize similar fairs and conclaves. For example in Dubai, Emirates governs airline industry and partners with hotels and tourist attractions to develop new and lucrative travel packages.					# of travel and tourism partnerships formed
	91	Work with all tourism and travel associations of the state to bring them under one umbrella of association. Engage them in state and district level decision-making.	Execution/ Procedure	-	Tourism	Medium term	# of tourism and travel associations part of district tourism council
Promote Maharashtra Tourism	92	Articulate a compelling vision for Maharashtra tourism at a district and overall state level to ensure inclusive and sustainable tourism growth with measurable goals and defined milestones.	Execution	Maharashtra Tourism Policy	Tourism	Short term	% of district with a tourism plan
	93	Onboard a digital marketing agency to orchestrate engaging social media and influencer marketing campaigns, conduct Maharashtra tourism roadshows in prospective domestic and international destinations, and allocate budgets to encourage both government and private sector players to attend international tourism promotion conferences.	Execution	Maharashtra Tourism Policy	Tourism	Short term	# of social media campaigns released per month Average daily engagement of campaigns
	94	Create an engaging, informative website for Maharashtra tourism with attractive images, videos, suggested itineraries, verified travel	Execution	Maharashtra Tourism Policy	Tourism	Short term	-

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		companies and other tourism suppliers' contact details and option to 'book now' via partnerships with travel aggregators.					
	95	Develop film and TV promotion funds to incentivize content creators to feature Maharashtra's key tourist attractions in Bollywood, Hollywood, Tollywood, and film industries popular in target incoming states and countries.	Execution	Maharashtra Tourism Policy	Tourism	Medium term	# and size of film and TV promotion fund # of movies released promoting Maharashtra tourism
	96	Implement agri-tourism policy by partnering with School Education and Sports Department to organize a minimum of one trip per school in a year to wildlife sanctuaries and agri tourism attractions in the state.	Execution	Maharashtra Tourism Policy, Maharashtra Agri-Tourism Policy	Tourism, School Education and Sports	Short term	# of annual school trips organized Receipts from school trips or picnics
	97	Promote newly developed or existing underutilized tourist destinations in the state , for example working with government departments for launching new LTC packages. Additionally, work with government travel companies like IRCTC to develop bookable itineraries.	Execution	Maharashtra Tourism Policy	Tourism, IRCTC	Short term	# of travel packages launched
Facilitate skill development	98	Work with hospitality companies, service companies, ASI, hotel management institutes and travel & tourism associations to set up a tourism skill development task force to undertake studies for gauging overall skill development progress and gaps for tourism industry in the state.	Execution	-	Tourism, ASI, Skill Development and Entrepreneurship	Short term	-
	99	Extend tourism policy support on capital investments and operating expenditures to	Policy/Execution	Maharashtra Tourism Policy	Tourism, School Education and	Short term	Amount of subsidy disbursed to hotel

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		hotel management institutes and food craft institutes to encourage setting up new establishments and upgrading infrastructure of existing institutes.			Sports, Skill Development and Entrepreneurship		management and food craft institutes Additional hospitality education seats added in the state
	100	Partner with hospitality groups to set up skill development centres and deliver short (30-45 days) and medium term (3-6 months) immersive practical courses on basic like communication and personality skills, body language and grooming.	Execution	Maharashtra Tourism Policy	Tourism, Skill Development and Entrepreneurship	Medium term	# and capacity of skill development centres Quarterly average students trained or up-skilled
	101	Give annual recognition and rewards to top-10 customer centric hotels by division and at overall Maharashtra level to encourage high standards for hospitality service in the state.	Execution	-	Tourism, Planning, Revenue	Short term	-
	102	Empower women self-help groups across 10 pilot 'talukas' for giving capital subsidies and deliver trainings for entrepreneurial ventures in hospitality services – hosting farm stays, producing local handicrafts, taking cooking classes in local cuisines	Execution	Prime Minister's Employment Generation Programme, Seed Money Scheme, Women Policy	Tourism, Skill Development and Entrepreneurship, Women and Child Development	Short term	# and average revenue of women SHG operated tourism businesses
2.5 Trade and retail							
Access to credit	103	Promote financial institutions (e.g., NBFCs, fintechs) to provide retail focused credit products (e.g., Point-of-Sales linked)	Policy	Retail policy	Industry, Planning	Short term	% of traders with at least one loan Acceptance rate of credit application
	104	Drive financial literacy campaigns by partnering with retail associations bodies to	Execution	-	Industry, Planning	Short term	# of kiranas covered by awareness campaigns

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		educate Kiranas about formal credit, working capital management & risk management					
Technology	105	Encourage participants to get onboarded onto ONDC , by building awareness & promoting the platform	Execution	-	Industry, Planning	Short term	# retailers on ONDC
	106	Partner with private entities to offer digital solutions (e.g., accounting and tax payment, inventory management) to traditional retailers; Encourage adoption via subsidies to retailers and tech partners	Policy	Retail policy	Industry, Planning	Short term	% retailers using digital solutions
Exports enablement (also part of EoDB)	107	Create information document of product-country wise compliance requirements, and share via MAITRI	Execution	-	Industry, Planning	Short term	# of products included in information document
	108	Establish demand linkages by encouraging exporters to organize and participate in exhibitions and marketing activities	Execution	-	Industry, Planning	Medium term	# exhibitions organised # participants in exhibitions
	109	Provide incentives such as production linked export incentives, freight subsidies and export credit schemes for MSMEs	Policy	Industrial policy, PSI	Industry, Planning	Short term	-
	110	Increase awareness in exporters about certification programs e.g., Authorized Economic Operator (AEO) and introduce state level certification program that provide expedited approvals	Policy	-	Industry, Planning	Medium term	# exporters certified
Infrastructure	111	Reserve separate zones and provide land with long-term leases and standardized rentals in planned industrial areas (e.g., AURIC) and smart cities (e.g., Nagpur)	Policy/execution	Retail policy	Industry, Planning	Medium term	Area under retail zone

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	112	Extend similar incentives provided to industrial zones (e.g., Zone B-D+) to trade & retail participants	Policy	Retail policy, PSI	Industry, Planning	Short term	
Skill development	113	Enable Trade associations to partner with training institutes– Sambhajinagar association has piloted with local university	Policy	Retail policy	Industry, Planning	Short term	# of trade associations with institute partners
	114	Drive awareness of central schemes like PMKY, JSS providing training on basic retail skills (e.g., inventory handling, billing)	Execution	-	Industry, Skill development	Medium term	# candidates trained under government schemes

3. Agriculture and Allied Activities

3.1 Key Enablers to Support Objectives of Agriculture and Allied

Demand generation and crop value chains	115	Contract farming: Develop regulatory frameworks and model contracts (through controlled pilots) for supporting growth in contract farming with dispute resolution mechanism.	Regulation/Execution	Model Contract Farming Act	Agriculture, Marketing	Medium term	# of model contracts in the state # of crops with model contracts
	116	Supply chain: Initiate an outreach program and develop an incentive policy structure for inviting aggregators to the state to promote and set up sourcing operations , including village collection centres. Streamline regulatory approvals and offer financial assistance programs, grants, and loans to aggregators with collateral substitutes for setting up and expanding their operations, including promotion of locally procured produce.	Policy/Regulation/Execution	Maharashtra State Innovative Startup Policy, Mission for Integrated Development of Horticulture, Vikel the Pikel' Abhiyan	Marketing, Horticulture	Short term	# of startups to aggregate farm produce in the state # of village collection centres
	117	Supply chain: Set up government backed green channels (for perishable food items) and inland container depots at production	Execution	Agriculture Export Policy of Maharashtra	Marketing, Horticulture, Agriculture,	Long term	# of inland container depots in state % of quantity of produce

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		clusters to drive exports. For e.g., banana and pomegranate in Solapur and cashew, shrimp and mango in Konkan.			Fisheries, Customs		exported from Maharashtra
	118	Supply chain: Promote PPP policy and low interest loans for storage infrastructure, cold supply chain , and drying centres near production (especially for allied activities and oilseeds)	Policy/Execution	Agriculture Export Policy of Maharashtra, Integrated Cold Chain and Value Addition Infrastructure, Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Medium term	Storage and cold storage capacity in the state % of storage structures with drying infrastructure
	119	Supply chain: Promote investment in compact private ripening chambers for horticulture (especially mango and banana) to ensure competition and upkeep	Execution	Integrated Cold Chain and Value Addition Infrastructure, Pradhan Mantri Kaushal Vikas Yojana	Horticulture	Medium term	Ripening chamber capacity in the state
	120	Supply chain: Strengthen existing APMC infrastructure by attracting private capital to upgrade and operate government owned storage and cold storage facilities . These to have best in class stacking and retrieval with automated warehouse receipt generation systems, reliable cooling & ventilation, pest control measures.	Policy/Execution	Integrated Cold Chain and Value Addition Infrastructure	Agriculture	Long term	Storage and cold storage capacity at APMCs % of APMCS with warehouse receipt systems % of produce lost at APMC storage
	121	Strengthen FPOs: Establish an independent rating system (akin to Maharatna for PSUs)	Procedures/Execution	Formation and Promotion of	Agriculture, Horticulture,	Short term	# of FPOs by each grade % of FPOs achieving

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		for FPOs. Rating to be basis a composite scale of farmer income growth, FPO profitability, revenue, social, and environmental impact (e.g., natural farming). Set milestones for FPOs and give specific incentives and capital infusion options basis ratings.		10,000 Farmer Produce Organizations (FPOs)	Animal Husbandry, Dairy Development, Fisheries		annual and long-term milestones
	122	Strengthen FPOs: Work with all agriculture related departments to develop a single window or online platform for policy benefits convergence across agricultural value chains for FPO member farmers	Procedures/ Execution	Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs)	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Short term	-
	123	Strengthen FPOs: Leverage agriculture universities and onboard agencies to provide trainings to develop management and people skills of FPO leaders basis their size. Drive 1st wave of training for FPOs which are established and are clocking annual revenue between 5-10 Cr.	Execution	Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Short term	# of FPO leaders trained
	124	Strengthen FPOs: Onboard IT vendors to provide IT tools to FPOs like a standard MIS solution to enable records of field, market, storage area, and meeting data. Also provide an online platform (like Quora) to share best practices - technical advisory on seeds, pesticide, fertilizers & data streams – weather, soil testing, production & demand data amongst each other.	Execution	Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs)	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Medium term	% of FPOs with IT tools

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	125	Strengthen FPOs: Offer capital investment subsidies to FPOs for setting up dedicated testing labs and farming inputs stores . Roll out quality standard and operating procedure requirements across the labs and stores.	Policy/Regulation/Execution	Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs)	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Medium term	% of FPOs with access to testing labs (soil + leaf) and inputs store
	126	Strengthen FPOs: Work with a professional 3rd party to set up an FPO incubator in state to bring together an eco-system, including VCs and mentors to shortlist right FPOs and fast-track their growth. Target creation of 1 batch of 20 successful FPOs every year.	Procedures/Execution	Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Medium term	# of successful FPOs (basis a pre-defined revenue target) created by year
	127	Produce Promotion Council: Set up a produce promotion council to promote state's produce domestically as well as at export destination. The council to develop a roadmap of initiatives, including dissemination of market information and intelligence to farmers, supporting central government to sign free trade agreements (FTA) in key markets, communicating quality standards and certifications to farmers, organizing buyer-seller meets and importing planting material of internationally preferred varieties of table fruits and breeds of allied activities like aquaculture, dairy.	Procedures/Execution	Maharashtra Agricultural Produce Marketing Act	Marketing	Short term	% export increase in targeted countries or states % increase in domestic consumption of the promoted commodity # of buyer-seller meets organized # of new horticulture varieties imported

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	128	Produce Promotion Council: Develop a quarterly calendar of state government supported marketing campaign of produce to promote general consumption by citizens. For e.g., Healthy benefits of fruits, Omega-3 tablets, dairy consumption. Establish a mechanism to calculate quarterly GVA impact of promoted products.	Procedures/Execution	Maharashtra Agricultural Produce Marketing Act	Marketing	Short term	# of marketing campaigns launched in a year Quarterly increase in GVA of marketed products
	129	Crop council: Identify stakeholders and form crop councils for five crop categories - horticulture, oilseeds, cereals & pulses, sericulture, and aquaculture by end of 2023. Set up mechanism to incorporate council's inputs are integrated into governance of the respective crop in the agriculture sector of Maharashtra.	Policy/Regulation	SMART (Hon. Balasaheb Thackeray Agribusiness and Rural Transformation)	Agriculture, Horticulture, Sericulture, Fisheries	Short term	# of crop councils formed by end of 2023
	130	Promote eNAM: Integrate all APMCs, private market and direct market licensees with eNAM for easy and price discovery for buyers and sellers. Advise and work with central government and mandi boards to upgrade software improve system's acceptance and usability for farmers to drive adoption.	Execution	State e-Governance Programme	Agriculture	Medium term	% of APMCs, private mandis, direct marketing agencies on e-NAM portal
	131	Promote eNAM: Develop incentive policy for traders (especially private traders) and farmers to conduct and record digital transactions (instead of cash) via the eNAM mobile application.	Policy	State e-Governance Programme	Agriculture	Medium term	% of APMC transactions recorded via e-NAM

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
Resilience, Irrigation and natural farming	132	Natural Farming: Develop a policy to drive a natural farming initiative to cover 20% of cereal farmers (1Mn) in state by FY28 through agriculture department or evaluate setting up a section-8 company (like Rythu Sadhikara Samstha in Andhra Pradesh) to select priority crops and village clusters for promotion.	Policy	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Soil and Water Conservation	Long term	# of farmers enrolled natural farming by year
	133	Natural Farming: Develop an implementation roadmap for natural farming in the state, including setting up model farms in each village to allow farmers to witness the benefits of natural farming and handholding farmers for a period of 3-5 years to completely transition to natural farming.	Procedures/ Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Soil and Water Conservation	Medium term	# of model farms % difference in net incomes of model farmers vs traditional farmers
	134	Natural Farming: Work with bio-fertilizer companies, dairy cooperatives and dairy development department to establish supply chain for bio-fertilizers and pesticides in selected villages and provide access to farmers through kisan Sewa Kendras or other government supported input stores.	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Soil and Water Conservation, Dairy Development	Medium term	Bio-fertilizer production in state Available stock of bio-fertilizer at each kisan Sewa Kendra (in selected village clusters)
	135	Natural Farming: Roll out new accreditation or certifications for selling natural produce at a premium to end consumers.	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana, Maharashtra Agricultural	Agriculture, Marketing	Medium term	Prices paid by consumers for traditional agriculture produce vs natural farming produce

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
				Produce Marketing Act			
	136	Agri-Energy: Accelerate implementation of existing government schemes for installing solar panels on agriculture land. Add provisions in existing scheme to give incentives basis power generated from the solar panels instead of blanket monthly subsidy with a fixed payback. Leverage the network of FPOs and kisan Sewa Kendras to aggregate applications from nearby farms to develop small clusters for awarding tenders to project developers, as highlighted in Mission 2025 of daytime electricity supply to agriculture.	Procedures/Execution	Mukhyamantri Saur Krishi Vahini Yojana	Energy, Agriculture	Medium term	Installed solar capacity of agriculture in state
	137	Agri-Energy: Accelerate effective implementation of solar power capital subsidy scheme to install 2 lakh solar pumps in the state by FY26.	Execution	PM KUSUM	Energy, Agriculture	Long term	# of solar powered agriculture pumps
	138	Agri-Energy: Develop Agri voltaic policy framework, including identification of key crops to target and set capacity addition and electricity generation targets for FY28. Ensure coordination among relevant government departments, such as agriculture, energy, and rural development, to facilitate the integration of Agrovoltaic into existing frameworks.	Policy/execution	PM KUSUM	Energy, Agriculture	Long term	Target vs actual achievement of Agri voltaic policy
	139	Agri-Energy: Set up government backed bio pelleting plants to convert agriculture and	Execution	Rashtriya Krishi Vikas Yojana (RKVY)	Agriculture, Animal	Medium term	# of bio pelleting plants in the state, their annual

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		allied activities' waste to fuel, especially near food-processing industry clusters			Husbandry, Industrial		production capacity and utilization rate
	140	Agri-Energy: Establish training programs and workshops to educate farmers on agrovoltatics , including the need to switch crops to accommodate them, agricultural extension workers, and relevant stakeholders about the concept, benefits, and implementation of Agrovoltaic.	Procedures/ Execution	PM KUSUM, Pradhan Mantri Kaushal Vikas Yojana	Energy, Agriculture	Long term	# of farmers trained and workshops conducted
	141	Irrigation: Accelerate implementation of existing government schemes for desilting existing water bodies of the state including dams, canals, rivers . Conduct village-level storage requirement planning and establish 3rd party monitoring system to assess scheme effectiveness.	Execution	Jalyukt Shivar Abhiyan (JYS) 2.0	Irrigation, Agriculture	Medium term	New storage creation vs target % utilization of storage
	142	Irrigation: Establish a PPP channel under the Build-Operate-Transfer (BOT) model for appointing contractors to complete the command area and pipeline work from canal and dam water storage to farms of existing major, medium and minor irrigation projects .	Procedures/ Execution	PMKSY - Command Area Development & Water Management (CADWM)	Irrigation, Command Area Development, Revenue	Medium term	# of days taken to complete projects % irrigation potential utilization
	143	Irrigation: Ensure availability of quality day-time power supply to operate irrigation pumps at farm-level. Divert power tariff subsidy to promote capital investment in solar capacity for agriculture.	Execution	PM KUSUM	Irrigation, Agriculture, Energy, New and Renewable Energy, Planning	Short term	% of villages in state with quality daytime power supply of 8 hours
	144	Irrigation: Increase penetration of small-scale irrigation projects such as farm ponds by using	Execution	Farm Pond on Demand	Irrigation, Agriculture	Short term	# of farm ponds constructed

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		existing government schemes for farm pond on demand scheme. Prioritize districts where groundwater utilization is lower than the annual recharge from rainfall, like eastern Vidarbha districts (Bhandara, Chandrapur, Gadchiroli, and Gondia).					% groundwater utilization by district
	145	Irrigation: Accelerate implementation of existing government schemes and onboard philanthropic initiatives like ATE foundation and Tata Trusts to build watershed management structures like contour bunding, diversion drains, farm ponds, percolation tanks, recharge wells, and rooftop harvesting system to capture rain water . Prioritize districts with depleting water table - Ahmednagar, Amravati, Sambhajinagar, Jalgaon, Pune and Solapur.	Execution	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Watershed development component	Irrigation, Agriculture, Revenue	Medium term	% of villages in state with watershed management structure % of water bodies in state with watershed management structure Increase in groundwater table by village
	146	Irrigation: Ensure efficient uptake of drip irrigation subsidy by empanelling more manufacturers for the subsidy eligible drip irrigation equipment and enforcing strict norms for equipment quality requirements on manufacturers.	Execution	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Per Drop More Crop	Agriculture	Short term	Drip irrigation penetration at taluka level Market price of subsidy eligible drip irrigation equipment vs non-subsidy eligible equipment
	147	Irrigation: Fast track execution of existing initiatives for converting open canals to piped irrigation network and inner lining of existing canals .	Execution	Piped Distribution Network	Irrigation	Medium term	Project-wise amount of land irrigated per 1 BCM of stored water in dam or canal

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Innovation and technology	148	Farm Cards: Work with professional 3rd parties to develop a farm card database leveraging the existing network of Talathi, Asha and Krushi Seva Kendra workers to capture all farm related parameters from location (land records), crop (plantation health, land use history), farmer financials (input costs, capital costs, subsidies availed, selling price, net income), inputs details (seeds, fertilizers, pesticides, machinery, equipment, supplier details), soil (soil topography, soil health), weather (macro and micro weather data integration) and irrigation (quantity of water available, last mile irrigation resources – wells, ponds) to improve data access and quality across the state.	Policy/Regulation/Execution	National e-Governance Plan in Agriculture (NeGPA), PM-KISAN, National Farmers Database, PM Fasal Bima Yojna, Soil Health Cards	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries, Forestry, Revenue, Information Technology	Medium term	# of farm cards issued by year % of farm cards updated per year
	149	Farm Cards: Leverage existing on-ground team (agriculture and allied departments, FPOs, NGOs, and SHGs) to educate and sensitize farmers of the need to enrol in the 'plot card program'. Link subsidy disbursements to the farm card for effective and efficient incentivization. Once the card is made the on-ground team will work to train farmers to effectively use results, recommend actions for course correction (for e.g., right inputs to use basis farm health), track regular updates in the database, and gather feedback from farmers.	Execution/Procedure	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries, Forestry	Medium term	# of farm cards issued by year % of agriculture subsidy directly issued through farm cards

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	150	Open APIs: Build an Open API framework on top of the farm card database by onboarding a 3rd party IT company.	Execution/Procedure	National e-Governance Plan in Agriculture (NeGPA)	Agriculture, Revenue, Information Technology	Long term	# of agriculture open APIs developed
	151	Open APIs: Monitor development of standardized data formats and protocols to ensure consistency and interoperability across different farm data sources. Define a data governance framework to address privacy, security, and data ownership concerns. Define policies and guidelines for data sharing, consent management, data anonymization, and data access controls to ensure the protection and ethical use of farm data.	Policy/Regulation/Execution	National e-Governance Plan in Agriculture (NeGPA)	Agriculture, Revenue, Information Technology	Long term	# of users of agriculture open APIs # of data breaches
	152	Open APIs: Promote development of innovative applications and solutions using open APIs by organizing hackathons, workshops, and training programs for technology providers, startups, and research institutions.	Execution	National e-Governance Plan in Agriculture (NeGPA)	Agriculture, Revenue, Information Technology	Long term	# of solutions developed and apps launched using agriculture open APIs
	153	Innovation hub: Build an agri innovation hub in Nashik by setting up the basic infrastructure (using existing facilities available with agri universities to form a network of innovation hubs or ecosystems like TCS DISQ to form a centralized facility) and policy support in line with global benchmarks. Form the innovation steering board that will	Policy/Execution	Maharashtra State Innovative Startup Policy, Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture	Long term	# of days taken to build agri-innovation hub

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		drive setting up further infrastructure and reach out to prospective corporate partners and other stakeholders to set up operations in the hub.					
	154	Innovation hub: Develop an agriculture innovation policy and give grants to agriculture universities and institutes to undertake projects to solve specific value chain challenges (pinpoint and not exceeding a pre-specified number). Set up a platform for industry and agriculture university partnerships to drive these projects within a pre-agreed period of time, and then scale solutions.	Policy/Execution	Maharashtra State Innovative Startup Policy, Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Animal Husbandry, Dairy Development, Fisheries	Medium term	# of projects undertaken under university-private company partnerships # of solutions developed for farmers % adoption of those solutions
	155	Innovation: Give faster approvals for agricultural tech startups to conduct field trials (e.g., easier limited scale drone license for agricultural application).	Regulation	-	Agriculture, Horticulture	Short term	# of days taken for approving field trials
3.2 Other initiative across agriculture value chain for GVA Growth							
Demand generation and fulfilment	156	Alternate channels: Develop policy for forward contracts and partner with government institutions like NCDEX to set up a platform for the same. Establish standardized templates for agreements with formula-based pricing based on market demand, supply dynamics, existing inventory and quality parameters to ensure transparency and reduced complexities in negotiations.	Policy/Execution	-	Agriculture	Long term	# of forward contracts in the state # of crops with forward contracts

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	157	Alternate channels: Launch campaigns to educate farmers about the benefits of selling to the aggregators and other alternate channels, highlighting factors like higher income and premium for quality.	Execution	-	Marketing, Horticulture, Agriculture	Short term	% of procurement from alternate channels
	158	Alternate channels: Drive institutional demand for agricultural products - fruits and dairy in schools (Jeevan Amrut Yojana), fruits in correctional facilities (e.g. bananas), vegetables and fruits in government hospitals (e.g., citrus for diabetic patients), proteins for armed forces (e.g., eggs and fish), and government departments (e.g., silk for uniforms).	Policy/Execution	Jeevan Amrut Yojana, Swayam Prakalp	Marketing	Short term	% of procurement through assured institutional channels
	159	Alternate channels: Promote food processing by leasing out underutilized government land or invite bids by local owners to give land for setting up mini food parks at production clusters by offering capital subsidies and loan interest rate subsidies, like Andhra Pradesh's FY20-25 food processing policy	Policy/Execution	Chief Minister Agro and Food processing scheme, Pradhan Mantri Kaushal Vikas Yojana, Prime Minister Formalization of Micro Food Processing Enterprises Scheme	Agriculture, Revenue, Marketing	Short term	# of mega and mini food parks in state
	160	Minimize post-harvest losses: Drive government and private investment in high performance automated sorters for	Execution	Agriculture Export Policy of Maharashtra, Integrated Cold	Horticulture	Short term	% of pre-processing facilities with automated sorters

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		horticulture to increase capacity in existing facilities.		Chain and Value Addition Infrastructure			
	161	Minimize post-harvest losses: Ensure quality wax availability for horticulture packaging operations (especially for citrus in Amaravati and Nagpur)	Execution	Integrated Cold Chain and Value Addition Infrastructure	Horticulture	Short term	% of pre-processing facilities with quality wax availability
	162	Minimize post-harvest losses: Ensure regular calibration and maintenance of sorting, grading and packaging equipment for horticulture, by appointing 3rd parties	Execution	Integrated Cold Chain and Value Addition Infrastructure	Horticulture	Short term	% of pre-processing facilities with calibrated equipment
	163	Minimize post-harvest losses: Develop standardized machine designs and SOPs for pre-processing of horticulture and allied activity produce (e.g., for egg handling developed by UP government)	Regulation	Mission for Integrated Development of Horticulture	Horticulture, Animal Husbandry, Dairy Development, Fisheries	Short term	-
	164	Minimize post-harvest losses: Develop streamlined logistics and scheduling processes from farm to mills for sugarcane crushing season	Procedures/ Execution	-	Agriculture	Short term	Daily planned vs actual sugarcane crushing
	165	Minimize post-harvest losses: Leverage agriculture universities network and agriculture department to train farmers on timely harvesting and proper threshing for cereals and pulses.	Execution	-	Agriculture	Short term	# of farmers trained % of post-harvest losses in cereals and pulses
	166	Minimize post-harvest losses: Form partnerships with manufacturing companies or agriculture universities to promote reapers for	Execution	-	Agriculture	Medium term	% of farmers with small scale mechanized equipment

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		small-scale mechanized harvesting (especially for cereals and pulses).					
	167	New infrastructure investments: Work with planning and revenue departments to evaluate raising the FSI limit in agricultural and allied industry zones of Maharashtra to promote FPOs and cooperative groups to set up more efficient and higher capacity processing facilities, warehouses, cold storages, and practice innovative techniques like vertical farming.	Regulation	Unified Development Control and Promotion Regulations	Agriculture, Planning, Revenue	Short term	-
	168	Strengthen existing APMC infrastructure: Onboard 3rd party for setting up state of the art testing infrastructure and small scale ginning facilities (for cotton)	Execution	-	Agriculture	Medium term	% of APMCs with 3rd party testing and ginning infrastructure
	169	Strengthen existing APMC infrastructure: Give capital subsidies and enable PPP (Public Private Partnerships) investments for setting up dedicated private mandi for each major crop in the state , while mandating quality testing infrastructure and dispute resolution mechanism between buyer and seller at private mandis	Policy/Regulation/Execution	Maharashtra Agricultural Produce Marketing Act	Agriculture	Long term	# of crops with private mandis % of APMC sales through private mandis
	170	Enable farmers to sell to consumers: Promote farmer markets by providing farmers a dedicated space to sell across all demand clusters , provide transportation arrangements from village to market, enable quality testing tools via 3rd party contracts, and provide	Execution	Maharashtra Agricultural Produce Marketing Act, Pradhan Mantri Kaushal Vikas Yojana	Horticulture, Marketing	Short term	Total farmer market sales in the state

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		information on demand and quality preferred by customers.					
	171	Enable farmers to sell to consumers: Provide farmers with the necessary trainings on QR-codes , create awareness on importance of branding, and method to use QR codes for labelling (e.g., by leveraging agriculture universities staff)	Execution	Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Marketing, Animal Husbandry, Dairy Development, Fisheries	Medium term	% of farmers using QR-based traceability solutions
	172	Enable farmers to sell to consumers: Build government supported agricultural channels on TV and YouTube to enable live commerce for farmers (can be supported by ONDC). Form partnerships with logistics companies for fulfilment support.	Procedures/Execution	Maharashtra Agricultural Produce Marketing Act, Pradhan Mantri Kaushal Vikas Yojana	Agriculture	Long term	# of farmers enrolled on live commerce platform Sale of commodities on live commerce platform
	173	Price stability mechanism: Include susceptible commodities with lower net income for farmers under PDS , like millets.	Execution	Pradhan Mantri Garib Kalyan Anna Yojana	Agriculture	Short term	# of commodities included under PDS % procurement of included commodities by government
	174	Price stability mechanism: Establish a centralized market intelligence service (as part of Maharashtra State Agricultural Marketing Board) , to collate high quality market and production related information, analyse it, and prepare market alerts, including support for government in timely MSP announcement and work as the single point of contact for	Procedures/Execution	Maharashtra Agricultural Produce Marketing Act	Agriculture, Marketing	Medium term	# of days gap between release of market alert and MSP announcement and the sowing season

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		information services to the farmers, FPOs, and other stakeholders.					
	175	Price stability mechanism: Centralized market intelligence team to make quarterly waterfalls for each crop, highlighting the margins earned and inventory turns made by each member of the value chain including farmer, local trader, APMCs, distributors and retailers across all channels (traditional yards, FPOs, contract farming, cooperatives and aggregating startups)	Procedures/Execution	Maharashtra Agricultural Produce Marketing Act	Agriculture, Marketing	Medium term	% margin earned by each member across all channels # of inventory turns made by each member across all channels
	176	Efficient water utilization: Agriculture department to include the parameter of water efficiency of crops while making district and tehsil level annual production plans . Improve incentive structures for water efficient crops through price and procurement policies, in case of diversion from plans.	Procedures/Execution	-	Agriculture	Short term	Taluka level actual water usage vs planned
Irrigation	177	Minimize evaporation and conveyance losses: Release guidelines and mandate existing contractors to include canal lining work and piped distribution in the scope of ongoing and new irrigation projects.	Regulation	Piped Distribution Network	Irrigation	Short term	Project-wise amount of land irrigated per 1 BCM of stored water in dam or canal
	178	Minimize evaporation and conveyance losses: Set up initiative to develop pilot canal-top solar projects and evaluate their effectiveness like Gujarat and Chandigarh governments. Prioritise districts in dry regions like Marathwada and Vidarbha.	Execution	-	Irrigation, Energy, New and Renewable Energy, Revenue	Long term	# and capacity of canal-top solar plants in state

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	179	Minimise evaporation and conveyance losses: Promote subsidies of using and enable easy access for buying floating shade balls on top of farms ponds as part of existing farm pond schemes to slow down evaporation losses	Policy/execution	Farm Pond on Demand	Irrigation, Agriculture	Medium term	% of farm ponds in state with shade ball coverage
	180	Water body restoration and rejuvenation: Focus on building small-scale minor irrigation structures like check dams and road bridges cum multipurpose check dams over existing water bodies.	Execution	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Watershed development component	Irrigation, Agriculture, Revenue	Medium term	Increase in groundwater table by village % of water bodies in state with micro-irrigation structures
	181	Water body restoration and rejuvenation: Appoint a professional 3rd party monitoring and repairing team for all irrigation projects to ensure efficient water flow, minimize leakage, and prevent water loss.	Execution	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Repair, Renovation & Restoration (RRR)	Irrigation, Agriculture, Revenue	Short term	Project-wise irrigation potential created vs utilized
	182	Create more irrigation potential: Setup a dedicated programme management office to accelerate the implementation of ongoing projects and ensure transparent public reporting.	Procedures/Execution	-	Irrigation, Revenue, Planning	Short term	# of days taken to complete projects Project-wise % of cost overrun
	183	Create more irrigation potential: Work with central government to include projects under AIBP (accelerated irrigation benefits programme) for timely funds allocation and fast-track implementation.	Execution	Accelerated Irrigation Benefits Programme	Irrigation, Revenue, Planning	Long term	# of days taken to complete projects Project-wise % of cost overrun
Farming	184	Better crop mix: Conduct district level planning to develop clusters and promote an	Procedures/Execution	-	Agriculture, Horticulture,	Short term	District-wise planned vs actual crop mix

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		alternative high-value crop across each cluster and enable each farmer to enrol in a viable allied activity for assured income.			Marketing, Animal Husbandry, Dairy Development, Fisheries		
	185	Soil health: Incentivize construction of new soil and leaf testing labs through FPOs and improve utilization of existing labs by ensuring availability of quality mobile soil testing kits, skilled personnel, and chemicals across all testing facilities.	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Soil & Water Conservation	Short term	% of FPOs with a dedicated leaf and soil testing labs
	186	Soil health: Leverage existing network of agriculture universities and taluka heads of agriculture & horticulture departments, Krushi Sewa Kendras and onboard training agencies to conduct regular farmer trainings on the amount, time, concentration of fertilizer to be used basis soil and leaf testing results and under special conditions like in parallel with drip irrigation.	Procedures/ Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana, Nanaji Deshmukh Krishi Sanjeevani Prakalp	Agriculture, Horticulture, Soil & Water Conservation	Medium term	# of farmer trainings conducted by crop season % of villages covered by crop season
	187	Soil health: Ensure effective implementation of Soil Health Card scheme before every sowing season across all 46,000+ villages of the state.	Procedures/ Execution	Soil Health Card, Nanaji Deshmukh Krishi Sanjeevani Prakalp	Agriculture, Horticulture, Soil & Water Conservation	Long term	# of farmer soil health cards issued by crop season % of villages covered by crop season
	188	Yield improvement techniques: Leverage existing network of agriculture universities, taluka heads of agriculture & horticulture departments and onboard training agencies to	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan	Agriculture, Horticulture	Medium term	State average yield improvement for crops selected for promotion % of farmers enrolled in

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		promote adoption of advanced agricultural techniques, such as high-density plantations (for Cotton, Mango, Citrus and other crops), Saguna Rice Technique and no-tillage crop sequences		Mantri Kaushal Vikas Yojana			advanced agriculture techniques by crop
	189	Farm mechanization: Develop new Custom Hiring Centres (CHCs) and ensure their effective utilization to offset high cost of individual ownership by working with FPOs, cooperatives and rural credit agencies.	Execution	Rashtriya Krishi Vikas Yojana (RKVY)	Agriculture	Long term	# of custom hiring centres in the state Average number of machines per CHC % utilization rate of machines at CHCs
	190	Farm mechanization: Agriculture department and crop councils must incentivize development of mechanization solutions for crop specific needs by empanelling agriculture universities and private manufacturing companies for R&D, production, and distribution.	Procedures/ Execution	Rashtriya Krishi Vikas Yojana (RKVY)	Agriculture	Medium term	# of affordable (state to define affordable definition) mechanized products per crop % of farmers with mechanized products by crop
	191	Innovation - Set up a government backed NGO accelerator platform which lists various NGOs and shares details of their work across regions and functional areas. Individuals and companies can give donations and direct CSR funds to a single agriculture NGO or a portfolio of NGOs (like mutual fund). Such platforms will encourage NGOs to publish the impact of their work and in turn help them secure funding for their projects through an additional channel. Global examples of such	Execution	-	Agriculture, Irrigation, Revenue	Medium term	# of NGOs listed on the platform Annual funding raised by NGOs through the platform

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		platforms are Global Giving in USA and Benevity in Canada					
	192	Innovation: Conduct pilot projects and develop model farms to promote five high priority innovations - precision agriculture, residue testing, micro weather stations, vertical farming, and produce traceability. Post successful completion of pilot projects, develop a roadmap and policies for scaling up the innovation across the state.	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture, Fisheries, Animal Husbandry	Long term	# of model farms developed for high priority innovation projects # of policies introduced for high priority innovation project
Inputs	193	Seed replacement rate: Ensure sufficient production and dissemination of breeder and certified seeds through government seed producing agencies like Mahabeej, especially for pulses and oilseeds	Execution	Creation and Strengthening of Infrastructure Facilities, Integrated scheme on Oilseeds, Pulses, Oil palm and Maize (ISOPOM), Rashtriya Krishi Vikas Yojana, Krishi Unnati Yojana - Seeds and Planting Material	Agriculture, Horticulture	Short term	Seed replacement rate by crop and by tehsil
	194	Varietal research: Develop policy to incentivise agriculture universities and other state-owned seed research companies to conduct crop and Maharashtra specific	Policy/Execution	Creation and Strengthening of Infrastructure Facilities,	Agriculture, Horticulture	Long term	# of new varieties launched per year % of crops with a new

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		varietal research for - cotton (seeds that flower at same time), pomegranate & banana (disease resistant varieties), sugarcane (early maturing and high sugar content varieties), mango (varieties suitable to grow in arid regions), onion (better shelf life) maize & soyabean (match global yield, including GM seeds) and citrus (tighter skin and suitable for processing varieties).		Integrated scheme on Oilseeds, Pulses, Oil palm and Maize (ISOPOM), Rashtriya Krishi Vikas Yojana, Krishi Unnati Yojana - Seeds and Planting Material			variety launched in last 5 years
	195	Varietal research: Monetise vacant land with agriculture universities by leasing it out to private or public seed research companies for conducting field trials.	Execution	Creation and Strengthening of Infrastructure Facilities, Rashtriya Krishi Vikas Yojana	Agriculture, Horticulture	Short term	Revenue receipts from leasing land # of field trials conducted on agriculture university land
	196	Varietal research: Set up government owned high tech nurseries across each district in the state by leveraging programmes like Indo-Israel agriculture programme. Additionally, develop a supportive policy framework that addresses regulatory requirements, licensing, and certifications related to high-tech nurseries and provide financial incentives such as subsidies and low interest loans to incentivise private sector players to set up nurseries.	Policy/Execution	India-Israel Joint Research Program (IIJRC), Creation and Strengthening of Infrastructure Facilities, Rashtriya Krishi Vikas Yojana, Pradhan Mantri Kaushal Vikas Yojana	Agriculture, Horticulture	Medium term	% of districts with a high-tech nursery % of crops covered by high-tech nurseries

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
	197	Varietal replacement rate: Ensure smooth production, availability and fast distribution of new varieties that are developed by high-tech nurseries, agriculture universities, government agencies and private companies.	Execution	Creation and Strengthening of Infrastructure Facilities, Integrated scheme on Oilseeds, Pulses, Oil palm and Maize (ISOPOM), Rashtriya Krishi Vikas Yojana, Seed Village Programme	Agriculture, Horticulture	Medium term	% adoption of new varieties over older varieties # of seeds of new varieties produced by year
	198	Area under cultivation: Increase area under cultivation for the following crops - vegetables, pulses , cashew, soyabean , grapes, millets, banana , mango, citrus, tomatoes and potato, by developing district level production plans, ensuring access to irrigation, and utilizing fallow lands.	Execution	Mission for Integrated Development of Horticulture, The Millet Mission	Agriculture, Horticulture	Long term	Actual crop mix vs planned by district
	199	Crop/allied activity specific credit and insurance products: Enable and mandate agriculture credit and insurance companies to develop crop and district specific financial products by providing access to farm level data through farm cards.	Regulation/ Execution	Pradhan Mantri Fasal Bima Yojana, Livestock Insurance Scheme, Weather Based Crop Insurance Scheme for Fruit Crops, National	Agriculture, Horticulture	Long term	% of crops with specific credit and insurance product

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Allied activities				Livestock Mission			
	200	Set up & inputs: Improve ease of capital access through direct subsidies, capital financing secured against MNREGA incomes and low-interest loans for setting up poultry, sericulture, aquaculture, cattle sheds and goat farming sheds. Follow successful policies developed in other states like aquaculture in Gujarat and sericulture in Karnataka.	Policy/execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana, Murgi Palan Yojana, Pradhan Mantri Matsya Sampada Yojana, National Silk Policy, Raje Yashwantrao Holkar Mahamesh Yojana, Cattle Distribution Schemes	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Short term	% of allied activity loans given for fixed capital expenditure vs working capital expenditure # of bovines, poultry farms, sericulture farms, inland aquaculture farm ponds, goat farms % brackish water utilization
	201	Set up & inputs: Develop a single window for easing approval process of setting up allied activity operations for poultry farms, feed manufacturing, hatcheries for aquaculture, storage and brackish water land allocation.	Procedures/Execution	-	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Short term	Average approval turnaround time per allied activity
	202	Set up & inputs: Identify, plan, and form clusters for allied activity promotion to create end to end clusters across districts. For e.g., Sericulture in arid regions like Marathwada and inland aquaculture in high rainfall districts	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana,	Animal Husbandry, Fisheries, Sericulture,	Medium term	# and capacity of allied input manufacturing in state

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		of Eastern Vidarbha. Drive awareness, promote additional subsidies, and handhold farmers in these regions to for setting end to end value chains.		Murgi Palan Yojana, Pradhan Mantri Matsya Sampada Yojana, National Silk Policy, Raje Yashwantrao Holkar Mahamesh Yojana, Cattle Distribution Schemes	Dairy Development		
	203	Set up & inputs: Leverage existing research institutes, insemination centres and agriculture universities like ICAR to set up dedicated cattle, poultry, silkworm and aquaculture breed selection programs for right species selection across each district cluster (suitable for Maharashtra's climatic conditions and have better immunity) and an input research program for mulberry, poultry feed, aquaculture feed and cattle feed.	Execution	Rashtriya Gokul Mission, National Fisheries Policy, National Silk Policy	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Long term	# of new breeds launched per year % of allied activity with a new breed launched in last 5 years
	204	Set up & inputs: Offer subsidies to promote the production of fodder crops like millets in rabi (winter) season in arid regions of Maharashtra to support the cattle growth in the state.	Execution	Special project to increase milk production in Vidarbha & Marathwada region	Dairy Development	Short term	Proportion of fallow and vacant land to agriculture land in arid regions during winter season

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	205	Farming: Leverage existing network of animal husbandry department, dairy development, Kisan Sewa Kendras and agriculture universities to conduct farmer trainings on best practices for cattle, poultry, silkworm, goat and fish nutrient requirements (quantity, quality and timing of inputs along with right medication practices) and other daily operations like cleanliness.	Execution	Chief Minister Animal Health Scheme	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Medium term	# of farmers trained Average animal productivity per tehsil
	206	Farming: Extend existing agriculture solar subsidies for allied activities , especially for poultry farms, cattle sheds and aquaculture to enable set up of cooling systems and cold storage.	Policy/Execution	PM KUSUM	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Short term	% of allied activity farms with solar panels Annual solar subsidy disbursement for allied activities
	207	Infrastructure: Drive government investments to improve infrastructure of existing markets - for poultry implement hygiene controls and provide access to dressing infrastructure to enable storage, for aquaculture cold chains and drying machines at existing mandis and ports, and for silk grading, reeling, cooking and sorting machines.	Execution	Chief Minister Agro and Food processing scheme, Pradhan Mantri Kaushal Vikas Yojana, Prime Minister Formalisation of Micro Food Processing Enterprises Scheme	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Medium term	% of existing markets with access to pre-processing infrastructure % utilization of pre-processing infrastructure at existing markets
	208	Infrastructure: Offer capital subsidies and low-interest loans to drive private investments for set up of value addition infrastructure at	Execution	Chief Minister Agro and Food processing	Animal Husbandry, Fisheries,	Medium term	Cluster-wise # and capacity of value-addition infrastructure

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		production clusters - for poultry boneless and frozen meat processing, for aquaculture deveining, packaging, filleting and Omega-3 manufacturing and for sericulture dyeing and weaving.		scheme, Pradhan Mantri Kaushal Vikas Yojana, Prime Minister Formalisation of Micro Food Processing Enterprises Scheme	Sericulture, Dairy Development		
	209	Infrastructure: Drive public and private investments by offering capital subsidies and low-interest loans for setting up inputs supply chain (feed operations, cocoon stores, hatcheries, and regulated calf markets), storage and cold chain infrastructure at production clusters.	Execution	Rashtriya Krishi Vikas Yojana (RKVY), Pradhan Mantri Kaushal Vikas Yojana, Murgi Palan Yojana, Pradhan Mantri Matsya Sampada Yojana, National Silk Policy, Raje Yashwantrao Holkar Mahamesh Yojana, Cattle Distribution Schemes	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Medium term	# and capacity of input production by allied activity in state
	210	Demand promotion: Work with state cooperatives and private dairies to evaluate feasibility of fair remuneration price for milk procurement in the state.	Regulation	-	Dairy Development	Short term	Average taluka-wise daily procurement price for milk

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	211	Demand promotion: Evaluate set up of a PSU for silk processing and retail using state and corporate CSR funds to support the entire value chain from production to marketing including, providing raw materials, training, designs and retail. The organization can be set up similar to Jharcraft in Jharkhand.	Execution	-	Sericulture	Long term	-
	212	Demand promotion: Leverage existing retail trade policy and work with industry, MAITRI, tourism and planning departments for shortlisting products, demand clusters, and promoting investments in retail zones for products like silk sarees and fish & shrimp restaurants.	Procedures/Execution	Retail Trade Policy	Industry, MAITRI, Planning, Animal Husbandry, Fisheries, Sericulture, Dairy Development	Long term	# of retail outlets set up to promote agriculture produce in state
	213	Exports: Government departments (like Gau Seva Aayog) to promote and mandate adherence to global standards and accreditations by linking quantum of working capital subsidies to them. For e.g., global organic textile standard (GOTS) and Oeko-Tex standard 100 for sericulture. Appoint a 3rd party to implement strict to monitor practices, conduct regular testing, ensure disease control, develop vaccination program and ensure animal welfare & safety standards.	Procedures/Execution	Agriculture Export Policy of Maharashtra	Animal Husbandry, Fisheries, Sericulture, Dairy Development	Medium term	Allied activity-wise % of farmers adhering to global quality standards and accreditations
	214	Exports: Respective government departments to work with NABARD to identify and file for GI tags for promoting exports of unique to	Procedures/Execution	Agriculture Export Policy of Maharashtra	Marketing, Animal Husbandry,	Medium term	# of GI tags approved per year

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Biodiversity		Maharashtra products like Paithani sarees, especially in countries with Indian and Maharashtra diaspora.			Fisheries, Sericulture, Dairy Development		
	215	Exports: Enable set up of hatching eggs exports by promoting private investments for well-equipped hatcheries with advanced incubation technology and facilities to produce high-quality hatching eggs. Produce promotion council to organize buyer-seller meets and trade missions to showcase the quality and competitiveness of Maharashtra's hatching eggs.	Procedures/Execution	Agriculture Export Policy of Maharashtra	Animal Husbandry	Medium term	# of value of hatching eggs exported from Maharashtra
	216	Give capital investment subsidies and mandate use of effluent treatment systems in aquaculture, sustainable feeding norms for cattle to avoid over grazing, waste management systems like composting to handle poultry and cattle manure and other by-products and convert them into organic fertilizers, reducing the risk of water and soil pollution.	Regulation	National Fisheries Policy	Fisheries, Animal Husbandry, Dairy Development	Medium term	% of aquaculture farms with effluent treatment system % of poultry and dairy farms with waste management systems
	217	Develop SOPs and leverage existing network of Krushi Sewa Kendras to advise farmers on right methodologies for crop rotation and intercropping by region . For example rotating banana crop with sugarcane in Solapur region.	Execution	Rashtriya Krishi Vikas Yojana (RKVY)	Agriculture	Medium term	Region-wise % of crops with an SOP for crop rotation and intercropping
	218	Drive reforestation and carbon footprint reduction by offering financial incentives, technical support, and ensuring community	Procedures/Execution	National Forest Policy	Forestry	Long term	% increase in forest cover through agroforestry # of monthly active

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		participation. This can include incentives for agroforestry (over 5-10% of farm plot) and participating in voluntary carbon markets by implementing reforestation and natural farming projects that sequester carbon dioxide from the atmosphere and generate carbon credits. These carbon credits can then be sold to businesses and individuals seeking to offset their own carbon emissions voluntarily.					projects in carbon markets
	219	Drive initiatives for riverbank vegetation restoration by planting native species, grasses, and shrubs to stabilise the banks and removing encroachments in a phased manner to reduce the impact of floods.	Procedures/Execution	National Forest Policy, Green City Policy	Forestry	Medium term	-
	220	Initiate a drive to plant mulberry along roadsides and harvest leaves for protein-rich fodder for milch animals and sericulture.	Procedures/Execution	National Forest Policy, Green City Policy	Forestry, Sericulture, Dairy Development	Short term	Annual mulberry production through roadside plantations
3.2 Farmer income improvement							
Extreme temperature drought prone black soil farmers (Marathwada and Central Vidarbha)	221	Facilitate scaling of FPOs in the region, specifically for Soyabean, Cotton, Pulses and Millets. Provide greater allocation of funds for capacity building of leadership, quality inputs purchase, setting up soil testing laboratories, leveraging farming techniques like high density farming for cotton, consolidating procurement and setting up FPO owned storage and pre-processing infrastructure. Provide handholding to FPOs for a 3-5 year	Execution	Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs), Rashtriya Krishi Vikas Yojana (RKVY), Chief Minister Agro and Food	Agriculture	Long term	% of FPOs earning 10+ Cr. in a year % of FPOs with a dedicated input store % of FPOs with a soil testing lab Crop-wise % of procurement done by FPOs % of FPOs with a storage and pre-processing

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		period and leverage Kisan Sewa Kendras to enrol more number of farmers.		processing scheme, Pradhan Mantri Kaushal Vikas Yojana, Comprehensive Handlooms Cluster Development Scheme			infrastructure Average net income of FPOs in region
	222	Agriculture department to work with seed PSUs and private companies to ensure availability of certified and breeder seeds at gram-level input stores well before the sowing season . Additionally, the department should explore subsidizing certified seeds for small and marginal farmers for initial 2-3 years.	Execution	Rashtriya Krishi Vikas Yojana, Krishi Unnati Yojana - Seeds and Planting Material	Agriculture	Long term	Crop and gram-wise seed replacement rate Crop-wise average productivity
	223	Accelerate irrigation initiatives Jalyukt Shivar Abhiyan 2.0 and PMKSY watershed management - watershed management to develop contour bunding and farm ponds for catching rain water across each village in the region.	Execution	Jalyukt Shivar Abhiyan 2.0, PMKSY Watershed Management	Agriculture, Irrigation, Revenue	Medium term	Gram-wise additional storage potential created % of villages with a watershed management structure
	224	Form dedicated end-to-end clusters and FPOs for sericulture in the region (due to low viability of other allied activities), set up a silk board , and work with textile ministry for assured and stable silk procurement throughout the year.	Execution	National Silk Policy, Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs)	Agriculture, Sericulture	Medium term	#, scale and net income of sericulture FPOs in Maharashtra Annual silk production in Maharashtra

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
	225	Animal husbandry department to promote goat farming in region by providing access to capital secured against MNREGA incomes, setting up fodder camps, community owned farm ponds for water , conducting gram-level awareness programs and trainings for breeding, raising and managing goats. The department must also solve for demand linkages by working with 3rd party logistics companies to ensure supply to demand centres.	Procedures/ Execution	Sheli Palan Yojana, Farm Pond on Demand	Animal Husbandry	Short term	Tehsil-wise goat farming GVA Number of goat farms in Maharashtra Average net income of goat farmers
Moderate temperature drought prone black soil (Pune and Nashik Divisions)	226	Work with Maharashtra Warehousing Corporation and incentivise farmers and FPOs to set up scientific storage infrastructure for onion to mitigate price crash risk during rabi harvest season. Additionally, work with transport department to increase the frequency of goods trains departing from production clusters during peak harvest season.	Execution	Pradhan Mantri Kaushal Vikas Yojana	Horticulture, Transport, Revenue	Medium term	Scientific onion storage capacity in the state Weekly average selling price of onions at mandis
	227	Drive awareness and expedite approval & construction process of farm ponds in the region to enable farmer to transition 5-10% of their farm area to vegetable and high value horticulture crop cultivation (grapes, pomegranate, custard apple and tamarind).	Execution	Mission for Integrated Development of Horticulture	Agriculture, Horticulture	Medium term	Area under horticulture Quantity of horticulture produce Average farmer income in region
	228	Set up government backed nurseries for varietal research and work with FPOs to drive varietal adoption programs for high yielding	Execution	Cotton Technology Mission, Mission for Integrated	Agriculture, Horticulture	Medium term	Average yield of cotton and horticulture crops compared to Indian and global standards

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		and disease resistant varieties of cotton and horticulture.		Development of Horticulture			# of new varieties of cotton and horticulture released in last 5 years
	229	Animal husbandry department to work with industries and marketing departments to invite more private poultry players in the region for promoting contract poultry farming . Conduct tehsil level promotions and set up model poultry farms across every tehsil.	Execution	Murgi Palan Yojana	Animal Husbandry	Short term	# of contract farming poultry farms in region % of tehsils with model poultry farm Average net income per poultry farm
	230	Dairy development department to work with all cooperatives in the region to explore setting up an apex cooperative for consolidating research, procurement, storage, selling and marketing operations for building a strong Maharashtra-wide brand and realise economies of scale.	Execution	Supporting Dairy Cooperatives and Farmer Producer Organizations engaged in dairy activities	Dairy Development	Long term	-
	231	Scale up insemination programs for promoting agro-climatically adjusted cross and indigenous breeds and provide monetary incentives to farmers for buying them.	Execution	Rashtriya Gokul Mission	Dairy Development	Long term	Average dairy productivity in region % of agro-climatically adjusted breeds in region Average net income of dairy farmers
Extreme temperature rainfed red soil (Eastern Vidarbha)	232	Leverage existing government schemes like Mission for Integrated Development of Horticulture and handhold FPOs to set up processing infrastructure to switch farmers from low value crops to high value citrus and mango (sturdy processing varieties like Totapuri).	Execution	Mission for Integrated Development of Horticulture, National Silk Policy, Formation and Promotion of 10,000 Farmer	Horticulture	Medium term	Area under citrus and mango in region # of citrus and mango processing plants in region #, scale and net income of citrus and mango FPOs

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
				Produce Organizations (FPOs)			
	233	Develop a policy and leverage support from aquaculture crop council to drive inland aquaculture in the Eastern Vidarbha region . Provide subsidies for building farm ponds, buying rearing seeds, nets, inputs, transportation boxes, and aerators.	Policy/Execution	Pradhan Mantri Matsya Sampada Yojana	Fisheries	Medium term	# of inland aquaculture farms in region Average net income of inland aquaculture farmers
	234	Dairy development department to handhold women self-help groups for setting up local processing infrastructure (500-1000 Litres per day capacity) for making curd, sweets, ghee, and flavoured milk. Department to ensure capability trainings for successfully running these processing units and storage infrastructure to minimise spillage.	Execution	Chief Minister Agro and Food processing scheme, Pradhan Mantri Kaushal Vikas Yojana	Dairy Development	Medium term	#, scale, and net income of women SHG-led dairy processing facilities
Rainfed laterite soil (Konkan)	235	Conduct a comprehensive assessment to identify suitable locations in the Konkan region for establishing ICDs Develop the necessary infrastructure at the identified locations, including transportation facilities, roads, warehouses, cold storage facilities, and handling equipment. Ensure that the infrastructure meets the specific requirements for storing and transporting mangoes, including temperature-controlled storage and handling facilities.	Execution	Agriculture Export Policy of Maharashtra State	Agriculture, Horticulture, Transport, Revenue	Long term	# and monthly handling capacity of ICDs in region % utilization of ICD
	236	Horticulture department to invest in promoting cashew by setting up nurseries for	Execution	Mission for Integrated	Horticulture	Short term	Area under cashew in region

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
		quality seedling production, developing processing units, and a dedicated cashew board as envisioned in state's FY24 budget.		Development of Horticulture			# and capacity of cashew processing units Net income of cashew farmers
	237	Set up an apex aquaculture council in the region with brackish water land allocation rights, fast track approval process for setting up marine aquaculture farms and promote export-oriented shrimp industry through aquaculture policy support.	Execution	Pradhan Mantri Matsya Sampada Yojana	Fisheries	Long term	% of brackish water utilization Quantity and value of shrimp exported from region Average net income of marine aquaculture farmers
	238	Animal husbandry department to work with industries and marketing departments to invite more private poultry players in the region for promoting contract poultry farming . Conduct tehsil level promotions and set up model poultry farms across every tehsil.	Execution	Murgi Palan Yojana	Animal Husbandry	Short term	# of contract farming poultry farms in region
Moderate temperature irrigated black soil (Nashik and Pune Division)	239	Give capital investment incentives to farmers and FPOs for setting up value-added manufacturing plants for ethanol blending and export oriented refined sugar .	Execution	Chief Minister Agro and Food processing scheme	Agriculture, Industries	Medium term	# and capacity of ethanol blending plants Weekly average sugarcane procurement price
	240	Transition all sugarcane farmers to drip irrigation as previously envisioned by the state in 2017	Execution	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Per Drop More Crop	Agriculture	Short term	% of sugarcane farmers with drip irrigation equipment % of sugarcane farmers with quality daytime power supply to run drip irrigation

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	241	Set up and scale a tomato focused FPO in the region , aimed at conducting varietal seed research, inputs advisory, soil health testing, and procurement by setting up processing infrastructure.	Execution	Chief Minister Agro and Food processing scheme, Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs)	Agriculture, Industries	Long term	#, scale, and net income of tomato FPOs Size and capacity utilization of tomato processing plants
	242	Encourage diversification and support the growth of horticultural crops in the state by encouraging farmers to sow fruits and vegetables in 10% of their farm area , including banana plantations in place of sugarcane crops. Government to make investments and partner with private companies to ensure consistent inputs supply and assured farm-level procurement.	Execution	Mission for Integrated Development of Horticulture	Agriculture, Horticulture	Medium term	Area under horticulture Quantity of horticulture produce Average farmer net income in region
	243	Dairy development department to set up gram-level cattle health camps for guiding farmers on breeding practices and providing them with access to quality medical supplements.	Execution	Rashtriya Gokul Mission	Dairy Development	Short term	Average dairy productivity in region Average net income of dairy farmers in region
4. Energy, Renewables and Sustainability							
4.1 Energy and renewables (also part of EoDB)							
Power generation	244	Set targets for renewable capacity generation across solar, wind, other renewables	Policy	Unconventional Energy Generation Policy-2020	Maharashtra Electricity Regulatory	Short term	Installed Capacity of Renewables (MW) % Generation by Renewables

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
					Commission (MERC)		
	245	Provide incentives to private sector for set up of utility-scale Solar and Wind parks near demand clusters	Policy	Unconventional Energy Generation Policy-2020	Energy, Industry	Short term	Installed Capacity of Renewables (MW), from utility scale park % Generation by Renewables, from utility scale park Investments in utility scale parks
	246	Attract private investment in solar-wind hybrid project through dedicated policy, regulatory and commercial framework	Policy	Unconventional Energy Generation Policy-2020	Energy, Industry	Short term	Installed Capacity of Renewables (MW), from hybrid projects % Generation by Renewables, from hybrid projects Investments in hybrid projects
	247	Attract private investment in new technologies - small modular reactor	Regulation + Policy	Unconventional Energy Generation Policy-2021	Energy, Industry	Medium term	Installed Capacity of SMR % Generation by SMR
	248	Provide capital subsidies to enable power intensive industries (e.g. textiles, metals) to set up captive solar capacity	Policy	Packaged Scheme of Incentives 2019	Energy, Industry	Short term	Installed solar captive capacity
	249	Increase adoption of solar feeder in agriculture through effective implementation	Policy/execution	Maharashtra Solar Power Mission 2025	Energy, Agriculture	Short term	Installed capacity (MW) % of agricultural feeder solarized
	250	Improve utilization of existing thermal power plants and provide incentives and grants for	Policy/execution	-	Energy, Industry	Medium term	% utilization of existing thermal power plants

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
		setting up carbon capture usage in power plants					
Transmission and distribution	251	Separation of agriculture and industry feeders to improve monitoring of agriculture power usage and collections	Execution	-	Energy, Agriculture	Long term	AT&C losses for Agriculture vs Non-agriculture Collection efficiency for Agriculture
	252	Explore all possible options to improve efficiency & ensure effective functioning of DISCOM	Act amendment	-	Maharashtra Electricity Regulatory Commission (MERC)	Long term	-
	253	Upgrade grid infrastructure and work with manufacturers to ensure sufficient market availability of renewable energy equipment like solar panels, batteries, smart meters and others to account for the increased renewable energy generation	Execution	-		Medium term	Grid capacity
	254	Create Renewable Purchase Obligations (RPO) target for MERC with penalties and incentives	Policy	MERC Open Access '16 and '19 update	Maharashtra Electricity Regulatory Commission (MERC)	Short term	RPO compliance
	255	Waive Intra-state transmission charges for renewable energy generators, similar to Central Government Inter-State Transmission waiver	Regulation	-	Maharashtra Electricity Regulatory Commission (MERC)	Short term	-

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Consumption	256	Allow monthly banking without any restriction of peak or off peak hours and sale of excess energy to open access (at market rate)	Regulation	MERC Open Access '16 and '19 update	Maharashtra Electricity Regulatory Commission (MERC)	Short term	# Energy units banked
	257	Remove additional charges (e.g., wheeling, cross subsidy surcharge) for renewable power purchase	Regulation	MERC Open Access '16 and '19 update	Maharashtra Electricity Regulatory Commission (MERC)	Medium term	-
	258	Conduct pilots for virtual net metering for electricity use in industrial customers, public services and government buildings.	Execution	-	MSEDCL	Medium term	-
	259	Implement time of the day tariff to incentivize consumption of renewable energy during solar hours	Execution	-	MSEDCL	Short term	Energy demand by hour Energy supply by hour and source (RE vs Non-RE)
	260	Enforce stricter guidelines and explore automated collections via smart meters to increase dues collection efficiency from domestic consumers in cities	Execution	-	MSEDCL	Short term	AT&C loss of Discom
Other enablers	261	Set targets for energy storage, introduce a policy to enable large scale deployment of energy storage systems including providing Viability Gap Funding support	Policy	-	Energy, Industry	Short term	Battery storage capacity
	262	Set up Renewable Energy Fund which would support commercialization and scaleup of emerging technologies and application (i.e., offshore wind, Agro Photovoltaics, floating solar, Solar EVs)	Execution	-	Energy	Medium term	Funding amount INR Cr in RE technologies # RE technology companies funded

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
	263	Seek higher commitments from Multilateral Development Banks, Foreign Investors for renewables and supporting infra, look to mobilize private capital	Execution	-	Energy, Finance	Medium term	Green finance (\$Bn)
4.2 Water							
Water use by industry	264	Set net zero water target for water intensive industries (e.g., thermal plants, iron and steel)	Policy	New	Water resources, Industry, Environment	Long term	Achievement vs targets
	265	Promote wastewater usage and recycling in industries through incentives and mandates	Policy	Industrial policy, PSI	Water resources, Industry	Short term	% water treated % waste water usage of total usage
Water and effluent treatment (also part of EoDB)	266	Install additional CETP under PPP model and connect all industries (include MSMEs); make CETPs cost-effective for usage by MSMEs	Policy/execution	Industrial policy	Water resources, Industry	Medium term	CETP capacity # of units connected to CETPs
	267	Build adequate wastewater treatment capacity into urban master plan	Execution	-	Water resources, Urban local bodies	Medium term	Water treatment capacity % water treated
Jal Jeevan Mission	268	Set target for tap-water connections coverage leveraging AMRUT scheme for rural areas	Execution	-	Rural development, Water resources, Urban local bodies	Long term	# of households covered by tap-water
	269	Scale IoT pilot to track water consumption, quality and pressure – across Maharashtra	Execution	-	Water resources	Medium term	
State water data-base	270	Create state-water database capturing water sources, supply and demand across users to enable immediate actions	Execution	-	Water resources	Medium term	Progress of database development

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Technology	271	Provide financial support for scaling alternate supply technologies (e.g., desalination, atmospheric water generation)	Policy	New	Industry, Water	Long term	Investment in alternate technologies (\$Bn) Capacity of water generation
4.3 Circular economy							
	272	Drive circular economy in Mumbai by working with BMC to incentivize set up of sewage treatment plants (STPs), recycling units for key waste generating industries (e.g., E-waste, plastics, automobile), and biomass waste to energy generation plants outside Mumbai city using PPP models. Additionally create dashboards for BMC to digitally capture dry waste collection and management records and enforce penalties for non-compliance.	Policy/execution	New	Water resources, Industry, Municipal corporation	Long term	% of water treated for Mumbai % of waste recycled by type for Mumbai
Recycling	273	Develop circular economy parks and incentivize setup of recycling units for key waste generating industries (e.g., E-waste, plastics, and auto & steel scrap)	Policy	New	Industry	Long term	Capacity of recycling by waste type GVA impact (\$Bn) Private investment (\$Bn)
	274	Provide incentives and set up authorization process to encourage private operators waste collection, segregation and waste-to-energy processing	Policy	New	Industry, Planning	Short term	# of authorized operators % of waste collected through authorized operators
Construction and demolition	275	Incentivize setup of recycling facilities near major infrastructure projects; adopt a decentralized cluster-based approach for establishing multiple recycling plants	Policy	New	Industry, Planning	Short term	# of recycling facilities Recycling capacity
	276	Mandate use of certain percentage of recycled materials with the new construction material	Policy/Regulation	New	Industry, Planning	Short term	-

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/ Medium/ Long term	Metrics to be tracked
Greenfield biodegradable ecosystem	277	Incentivize research, and promote partnerships with start-ups, OEMs, and industry stakeholders in biodegradable alternatives (e.g. plastic substitutes, dies)	Policy	New	Industry	Short term	Investment in biodegradable ecosystem (\$Bn)
	278	Foster collaboration between institutes in Maharashtra (i.e., Indian Institute of Packaging) with academia from other countries	Policy	New	Industry, Skill Development, Higher education	Short term	-
4.4 Decarbonisation							
Target setting and policy interventions	279	Set targets for carbon emissions intensity as well as key levers i.e. renewable energy capacity, share of hard-to-abate industries and EV penetration	Policy	New, Maharashtra EV policy	Environment	Short term	Emission intensity as a % of GDP Share of renewable energy in installed capacity Penetration of EV of total new vehicle sales GVA share of hard-to-abate industries
5. Infrastructure, real estate and logistics							
5.1 Infrastructure							
Integrated master plan	280	Develop integrated infrastructure master plan including district or cluster level master plan for development of infrastructure to support agriculture, manufacturing and services and urban plan	Execution	.-	Industry, PWD, Urban Planning	Short Term	Creation of plan vs proposed timeline
Process effectiveness	281	Expedite completion of construction projects by implementing procedural and execution reforms (e.g., Quality cum cost based selection of vendors, awarding of contracts post land acquisition completion etc.)	Procedures/ execution	.-	Industry	Medium Term	% of delayed construction projects by delay time

Intervention area	S.No.	Initiative/intervention	Type of Initiative	Relevant act/policy (wherever applicable)	Responsible government department	Short/Medium/Long term	Metrics to be tracked
Enable urban local bodies	282	Enable urban local bodies with project structuring, capital raising by setting up State level Urban Infrastructure Development agency	Policy	New	Industry, Planning	Short Term	Launch of State level Urban Infra agency
Construction technology and sustainability	283	Incentivize contractors for use of new age construction technology by including it as a key criterion in project evaluation and use of green construction materials in large infrastructure projects to drive sustainable construction	Policy	New	Industry, Planning	Short Term	% cost of large construction projects spent on sustainable materials
5.2 Real estate							
Integrated real estate development	284	Drive development of public and open spaces (e.g., parks) and recreational and sports facilities	Execution	-	Urban Development, PWD	Medium Term	Mn Sq ft of public and open green spaces developed
	285	Incentivize development of emerging asset classes e.g. Grade A warehouses, hyper scale data centres	Policy/Execution	New	Industry	Medium Term	Mn Sq Ft of emerging asset classes developed in MH
Affordable housing	286	Improve penetration of affordable housing by leveraging central government schemes, providing fiscal and tax incentives (rationalization of stamp duty and registration fees), prefabricated housing to improve speed	Policy/Regulation	New/to be identified	Housing and Urban Development	Long term	% share of affordable housing in total real estate developed
Slum rehabilitation projects	287	Increase offtake of Slum Rehabilitation Projects by providing financial aid during construction period, developing high-quality rehabilitated apartments, re-development of adjacent co-operative housing societies	Policy/Execution	-	Housing, SRA	Long term	# of slums rehabilitated

6. MSME enablement							
Ease of doing business and governance (EoDB covered in EoDB section)							
Institution and Governance	288	Enable trade promotion, investments, exports, dispute resolution for MSMEs by setting up state-level MSME focused body	Act amendment /Policy	-	Industry	Long term	-
	289	Formulate MSME focused policy covering all aspects of MSME enablement including access to financing, subsidies and incentives, trade promotion and capability building	Policy	New	Industry	Short term	-
Financing and payments							
Access to credit	290	Drive innovation for creation of sector-specific cash-flow based lending products for MSMEs, including trade specific solutions, in partnership with FinTech's	Execution	-	Planning, Industry	Medium term	-
	291	Enable adoption of Account Aggregator framework and Open Credit Enablement Network (OCEN) to provide collateral-free credit to MSMEs	Execution	-	Planning, Industry	Medium term	-
	292	Create new programs and drive adoption of existing programs (e.g. weaver credit card) to provide short term collateral-free credit access to micro and small enterprises	Policy/execution	New	Planning, Industry	Medium term	% MSMEs covered by credit programs
	293	Leverage co-operative banks network to capitalize on MSME credit schemes	Policy/execution	-	Planning, Industry	Short term	Share of cooperative banks in credit guarantee schemes
	294	Accelerate the creation of digital securities for various physical assets, such as land, property, to enable digital verification and lien marking	Execution	-	Planning, Industry	Medium term	% of securities digitized
TReDS adoption	295	Corporate and government buyers: Drive TReDS adoption via policy mandates - - Mandate State PSUs (e.g., MSEDCL) and state-based large corporates to onboard; - Implement State Government and Urban Local Body purchases via TReDS	Policy	Public procurement policy	Planning, Industry	Short term	Volume and value on TReDS platform

		- Mandate state-based large corporates (turnover > INR 500 Cr) to on-board on TReDS within specific time-limit					
Equity financing	296	Establish an equity fund dedicated for SMEs focused on specific sectors and themes	Policy	-	Planning, Industry	Short term	Equity funding provided to MSMEs
	297	Enable MSMEs to access public capital by driving adoption of SME exchanges; this can be enabled by increasing awareness and offering listing benefits	Execution	-	Planning, Industry	Short term	# of MSMEs listed on SME exchange
Subsidy payments	298	Create simplified and transparent subsidy structure to ensure realization of subsidy benefits	Policy	PSI, Industrial policy	Planning, Industry	Short term	-
	299	Digitize process for claiming subsidies; explore direct benefit transfer model	Execution	-	Planning, Industry	Medium term	Steps in claiming subsidies
	300	Budget subsidy expenditure under planned expenditure and prioritizing MSMEs for payments	Execution	-	Planning, Finance	Short term	Time to receive subsidy payments
Trade promotion and exports							
Awareness of export processes and compliances	301	Create information repository of exports-related requirements and make it accessible via online portals with chatbot or AI powered interface	Execution	-	Industry	Short term	# of countries and products covered by information repository; # queries received and addressed
	302	Facilitate local industry and trade associations to conduct international trade seminars	Execution	-	Industry	Short term	# of trade seminars conducted and # of MSMEs participated
Marketing support and demand linkages	303	Events and exhibitions: Provide enhanced financial assistance to MSMEs to organize and participate in export promotion events; dedicated promotion and incentive programs for ODOP and GI tagged products	Policy/execution	PSI, Industrial policy	Exports Promotion Council, Industry	Short term	# of events conducted Value of proposals received Exports value of ODOP and GI tagged products
	304	Encourage set up of export houses and export facilitation centres in proximity to major manufacturing clusters	Policy	-	Industry, Planning	Medium term	-

	305	Public procurement from MSMEs: Explore providing price preference to MSMEs and mandating certain share of MSMEs in government procurement	Policy	Public procurement policy	Industry, Planning	Short term	Share of state MSMEs in public procurement
Subsidized testing facilities	306	Provide financial assistance for quality certification and incentivize private players to set up testing labs in proximity to MSME clusters	Policy	PSI, Industrial policy	Industry, Planning	Short term	# of MSME clusters connected to testing labs
Capability building							
Technology upgradation support	307	Enhance incentives for technology upgradation to MSMEs in state level schemes	Policy	PSI, Industrial policy	Industry, Planning	Short term	Investment in technology upgradation by MSMEs
Self-help groups							
Self-help groups	308	Enable self -help groups through market linkages, access to credit, digitisation, capability building	Policy/execu tion	-	Skill, Industry	Medium term	Credit to self-help groups # of self-help groups digitized
7. Ease of doing business							
EoDB	309	Set up 3rd party managed Udyog Seva Kendras to provide front end services to industries	Policy/execu tion	New	Industry, IT	Medium term	SLAs for Udyog Seva Kendra (e.g. application turnaround time) # of districts covered under USKs # of services covered under USKs
	310	Build Digi Locker for industrial documents for controlled access and digital authentication	Policy/execu tion	New	Industry, IT	Medium term	# and type of documents integrated with Digi locker
	311	Set up dedicated entity and appoint relationship/ investment managers for large enterprises for investment promotion, effective monitoring of investment MoUs and end to end implementation support	Policy/execu tion	New	Industry	Short term	# of countries covered by relationship managers # of PE/VCS covered by relationship managers % MoUs/committed investment tracked

	312	Work with 3rd party provider (as part of Udyog Seva Kendra,) to help simplify procedures and leverage technology to debottleneck processes (e.g., police verification process reengineered under Passport Seva Kendra)	Procedures/ execution Act amendment (as identified)	To be identified	Industry	Short term	Time to complete procedures (hours)
Enablers and resources - common							
<i>Note: Power and effluent management related initiatives in EoDB included in Energy, renewables and sustainability; exports enablement included in Trade and retail</i>							
Labor	313	Review legacy Labor laws to ensure adequate protection of workers while providing decision-making flexibility to industries	Act amendment	Mathadi Act	Labor, Industry	Short term	Act amendment status vs target timeline
	314	Review Welfare Cess Act for exemption of MSMEs	Act amendment /procedures	Welfare Cess Act	Labor, Industry	Short term	Act amendment status vs target timeline
	315	Evaluate central government reforms (e.g. increasing limit of industry size in terms of number of workers for allowing layoffs without government permission)	Act amendment /procedures	Labor codes and other acts (as identified)	Labor, Industry	Short term	Act amendment status vs target timeline
	316	Simplify Labor dispute resolution process by improving effectiveness of industrial courts and establishing a channel for industry associations or bodies to highlight Labor related concerns.	Procedures/ execution	Welfare Cess Act, Labor code, others as identified	Labor, Industry	Short term	Act amendment status vs target timeline Average time taken in Labor dispute resolution (days)
Land (*Sick assets to be covered under asset utilisation)	317	Identify and acquire new land parcels aligned with integrated master plan for industrial clusters and infrastructure development	Execution	-	Revenue (Land), MIDC	Medium term	Available land bank (acres)
	318	Identify un/underutilized land held by government agencies by creating a comprehensive map of existing assets and make it available for re-development	Procedures/ execution	-	Revenue (Land)	Short term	
	319	Alter procedure for conversion of agricultural land to industrial land via nodal agency (e.g., Udyog Seva Kendra) and leveraging technology (e.g., digitize land records)	Procedures	-	Revenue (Land), Industry	Short term	Time to complete procedures (hours)

	320	Restructure available land parcels and allocate small land parcels in MIDCs to MSMEs to drive optimal utilization of available land.	Procedures/execution	-	Revenue (Land), MIDC	Short term	% MIDC land under MSME units % vacant land parcels of size less than specific size
Logistics	321	Digitization and automation: Smart enforcement through modernization of check posts to minimize physical checking such as using Automatic plate recognition system and smart weigh bridges	Procedures/execution	-	Planning	Long term	Time taken at check posts % check posts automated
8. Skill development							
Target setting	322	Set targets for Gross enrolment in higher secondary and higher education, coverage of vocational education and employability	Policy/execution	-	Skill development, Higher education	Short term	GER in higher education Coverage of vocational education Employability
A. Skill development							
Content development	323	Create industry-driven curriculum development plan , leverage national framework of Sector Skills Councils and NSQF, partner with private players to develop courses	Policy/execution	-	Industry, Skill development, Higher education	Medium term	# courses created across sectors and industries
	324	Explore market-driven fee-based model to deliver courses by leveraging existing network of educational institutions	Policy	-	Industry, Skill development, Higher education	Medium term	# courses embedded in education institutes
Content delivery	325	Rehaul of Industrial Training Institutes (ITIs) to improve quality, infrastructure, and governance by leveraging central government schemes, partnering with private industry players	Execution	-	Industry, Higher education	Medium term	# of ITIs upgraded
	326	Enhance accessibility of training courses by partnering with EdTech platforms and leveraging AI platforms (e.g., OpenAI's ChatGPT) for self-learning	Execution	-	Industry, Skill development, Higher education	Short term	# training courses integrated with digital platforms # of students enrolled

	327	Set up new skill development institutions (e.g. Centre of excellences) by attracting private investment	Execution	-	Industry, Higher education	Medium term	Capacity of skill development institutes
	328	Develop innovation hubs and focused research and technical training institutes for new technologies in traditional and sunrise sectors	Execution	-	Industry, Higher education	Long term	Capacity of training institutes in new sectors
Skill certification and job matching	329	Strengthen skill certification program including certifications for industry-specific courses, recognition of prior learning through assessments and conducting employment proficiency tests	Policy	-	Industry, Labor, Skill development	Medium term	# candidates with certifications
	330	Introducing policy framework to deepen Apprenticeship program by leveraging NEP and apprenticeship act amendment (higher allowance for apprenticeships)	Policy/Regulation/Act amendment	New	Industry, Labor, Skill development	Short term	# of apprentices trained in industries % of students participating in apprenticeship program
	331	Provide incentives to enhance focus of online job platforms e.g. Naukri.com) on candidates with skill certifications and vocational education	Policy	New	Industry, Skill development	Short term	# of candidates with skill certifications placed
Government programs	332	Set focused targets of government skilling programs for women (especially adolescent girls in 11-20 years age) and young adults (for blue collar jobs)	Execution	-	Skill development	Short term	# of women trained and placed # of young adults trained and placed
Entrepreneurship building	333	MSMEs: Partner with private players and provide training subsidies for business skills training and creation of industry/product-specific self-learning modules to help existing MSMEs scale up their businesses	Execution	-	Industry, Skill development	Short term	# of MSMEs trained # modules created by product/industry
	334	Family business: Introduce policy and guidelines to increase curricular focus and structured training programs to groom next generation of family business owners	Policy	New	Higher education, Skill development	Short term	Capacity of family business programs

	335	Startups: Introduce policy and guidelines to embed entrepreneurship courses in formal education	Policy	New	Industry, Skill development	Short term	# of institutes with entrepreneurship courses
	336	Self-employed individuals - Partner with private players to introduce skill development courses and certification to create individual entrepreneurs such as event managers, agents for financial products	Execution	-	Industry, Skill development	Short term	# of courses created
Enablers	337	Formulate Education and State level skill development policy with clearly defined objectives and targets for key metrics in line with National Education Policy	Policy	New	Higher education, Skill development	Short term	Status of policy creation vs targeted timeline
	338	Create skill development plan aligned with integrated industry master plan with interventions and incentives focused on specific industries in relevant district clusters	Policy	New	Higher education, Skill development	Short term	Status of policy creation vs targeted timeline
	339	Create dedicated Skill development fund and leverage multiple financing sources including CSR funding, multi-lateral financing, social impact bonds, innovative PPP models and improving access to education loans	Policy	New	Higher education, Skill development	Short term	Fund value (\$Bn)
B. Economic opportunity							
Higher education hub	340	Develop Higher education hub containing large multidisciplinary universities including foreign university branches driven by state's education strengths and National Education Policy 2020	Policy/execution	New	Education, Planning	Long term	# of universities # of students # of jobs created GVA impact (\$Bn) Private investment (\$Bn)
9. Asset Utilization							
Nodal Agency	341	Set up a nodal agency that continuously identifies under-utilized assets and how best to leverage them under the primary oversight of the Finance and Planning Departments, with Board level representation from relevant departments.	Procedures/execution	National Monetization Pipeline	Finance, Planning	Short term	% achievement of National Monetization target # of projects under asset monetization program

	<p>The functions that the nodal government agency or existing government department will need to perform:</p> <ul style="list-style-type: none"> • Conduct a detailed assessment for asset selection and evaluating its monetization potential, financial sustainability, and potential risks. • Bundle similar assets and conduct their marketing to prospective investors. • Set up and oversee the operations of a state asset management portal, an IT system to create visibility of all existing assets in the state. This can further be used to break the inter-department silos of the government. • Run the bid management process to select investor or operator. • Perform legal functions to decide on the optimum transaction structure (e.g., toll-operate-transfer, infrastructure investment trust) and finalize standard transfer agreements. • Set up a programmed management office to manage the asset monetization programmed of Maharashtra 					<p>management</p> <p>% Utilization improvement of respective projects under asset monetization program management</p> <p>Average number of days taken to lease out a government asset</p> <p>Total number of annual review meetings held for asset monetization</p>
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