1 Chapter 5

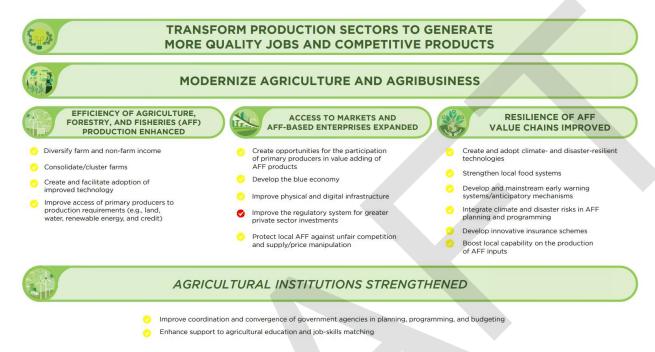
MODERNIZE AGRICULTURE AND AGRIBUSINESS

The agriculture, forestry, and fisheries (AFF) sector continues to face challenges arising from climate shocks, biosecurity threats, and structural and institutional constraints. Policy reforms, such as amendments to the Agricultural Tariffication Act and the passage of key laws like the New Agrarian Emancipation Act and Anti-Agricultural Economic Sabotage Act, have laid the groundwork for long-term improvements. However, program implementation has remained limited in scale, with varying degrees of focus and impact. Efforts on productivity-enhancing interventions such as mechanization, rural infrastructure, and digital innovations have shown promise but have yet to reach a broad base of primary producers, particularly in underserved areas. Digital divide and fragmented service delivery continue to hinder access to productivity-enhancing technologies and market opportunities.

Gaining ground in agricultural modernization will require sharpening the focus on scaling up high-impact programs, closing inclusion gaps, and accelerating the adoption of climate-resilient, market-responsive, and digitally enabled solutions. As the sector remains vulnerable to external shocks and operational challenges, a more coordinated, forward-looking, and anticipatory approach will be essential to boost productivity, enhance value addition, and strengthen resilience. These efforts must be supported by sustained investments and institutional reforms to ensure that modernization efforts translate into inclusive and transformative outcomes across the sector.

Accomplishments

Figure 5.1 Strategy Framework to Modernize Agriculture and Agribusiness



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Fragmented landholdings 1 remain a fundamental challenge for smallholder primary producers, limiting opportunities to achieve economies of scale and invest efficiently in productive resources. The division of farmland into small, scattered plots complicates mechanization, increases transaction costs, and reduces incentives to adopt improved farming practices. In the fisheries subsector, fragmentation takes the form of dispersed small-scale fishing operations, often reliant on traditional gears and practices with limited access to shared facilities (e.g., cold chain systems, storage, landing sites) contributing to postharvest losses and undermining market competitiveness. Similarly, in the livestock subsector, smallholders often operate at backyard or subsistence levels, lacking scale for feed milling, animal health services, and marketing, which hinder investments in improved technologies and biosecurity measures. Access to climate-smart and digital technologies also varies, as many primary producers face constraints in terms of awareness, training, and financial capacity to adopt these innovations. This technological gap continues to hinder efforts to improve productivity and sustainability amid evolving environmental challenges. Compounding these issues is the limited availability of affordable and accessible financial services tailored to agricultural needs. Many small-scale primary producers are excluded from formal credit markets due to the

¹The 2022 Census of Agriculture and Fisheries confirms the continued decline in average farm size in the Philippines, dropping to 1.22 hectares from 1.29 hectares in 2012. This highlights a persistent trend of land fragmentation, where agricultural holdings are increasingly subdivided into smaller parcels—often driven by inheritance practices, land distribution policies, and the conversion of agricultural lands to non-agricultural uses.

- 45 lack of collateral, unpredictable incomes, and high transaction costs. Without sufficient
- 46 financial capital, primary producers struggle to invest in critical production and
- 47 management inputs, further constraining their capacity to increase productivity and
- 48 manage risks effectively.
- Initial steps have been taken to address land fragmentation through the Farm and Fisheries Clustering and Consolidation (F2C2) Program, though implementation remains
- at an early stage with limited scale and reach. As a result, many technological advances
- remain confined to the research and development stage and fail to effectively reach
- primary producers due to gaps in technology transfer and dissemination. Weak extension
- 54 systems, fragmented demonstration efforts, and limited coordination between developers
- and implementers continue to hinder effective delivery. Moreover, the low level of private
- 56 sector engagement constrains technology transfer and commercialization, highlighting
- 57 the need for stronger linkages and better market alignment.
- Primary producers face constant exposure to market volatility and climate uncertainties, with limited tools and systems able to manage these risks effectively.
- uncertainties, with limited tools and systems able to manage these risks effectively.
 The absence of reliable and granular market intelligence limits their capacity to anticipate
- demand fluctuations or price trends, making them susceptible to losses from oversupply
- or demand inditidations of price trends, making them susceptible to losses from oversupply
- or changing consumer preferences. This information gap hampers strategic crop planning and weakens their bargaining position with buyers. In fisheries, producers are vulnerable
- to changing ocean conditions, extreme weather events, and overfishing, which affect fish
- 65 catch, distribution, and quality. Meanwhile, in the livestock sector, disease outbreaks such
- 66 as African Swine Fever and Avian Influenza further aggravate production instability.
- 67 Limited availability and integration of adaptive support systems, such as weather
- 68 forecasting, crop insurance, and access to climate-resilient seeds or practices reinforces
- 69 primary producer's vulnerability and weakens their capacity to make informed production
- 70 decisions., are not widely available or well-integrated into extension services. This
- 71 persistent exposure reinforces cycles of low productivity and income instability, deterring
- 72 investment and innovation in the sector.
- 73 The agriculture and fisheries sector's potential to create higher value-added
- 74 products remains underutilized due to gaps in value chain development and
- 75 **moderate private sector engagement.** Many primary producers remain focused on raw
- commodity production, with fewer linkages to processing, packaging, and marketing
- activities that could enhance product quality and market competitiveness. This limits opportunities for income diversification and the sector's responsiveness to evolving
- 79 consumer demands both domestically and internationally. Private investors, on the other
- 80 hand, tend to be cautious about entering or expanding in the sector due to perceived risks,

- including unclear tenure, fragmented supply bases, and variable policy conditions. The lack of scale economies and market aggregation further reduces profitability and investment appeal. Strengthening value chains across all subsectors will require coordinated efforts to reduce risks, improve infrastructure, and foster inclusive business models that better link producers with downstream markets and financing options.
- Farmer cooperatives and associations have the potential to serve as vital 86 87 intermediaries between primary producers and markets or private investors. 88 However, many of these organizations are still in the process of strengthening their 89 technical expertise, business acumen, financial management skills, and governance 90 structures needed to operate effectively and sustainably. This affects their capacity to 91 aggregate production, access credit, provide quality inputs, or deliver extension services 92 to their members. Without strong organizational capacity, they may face difficulties in 93 building trust with buyers and investors, negotiating fair contracts, or engaging in value 94 addition activities. Their limited market orientation and weak bargaining power continue 95 to shape primary producers' marginalization within agricultural value chains. Enhancing the capacities of these institutions is essential for enabling inclusive growth and creating 96 97 more resilient, market-ready rural enterprises.
- 98 The institutional landscape governing the agriculture and fisheries sector remains 99 complex, with various agencies and entities operating independently, often with 100 overlapping mandates and limited coordination. This fragmented approach to 101 planning, programming, and project implementation leads to inefficiencies, duplication of 102 efforts, and variability in service delivery, particularly in areas such as extension, rural 103 infrastructure, research, and market support. The absence of a unified operational 104 framework prevents the full integration of complementary interventions and the sector's 105 ability to achieve greater scale and sustainability.
- Even well-designed programs struggle to gain traction due to procedural delays, unclear operational guidelines, and capacity limitations at both national and local levels. While recent efforts to foster convergence and align initiatives across institutions mark progress, these are largely administrative in nature. Advancing deeper structural reforms, focused on clarifying institutional roles, streamlining governance arrangements, and strengthening execution capacity, lays the foundation for more coherent, responsive, and transformative sectoral outcomes.

Implementation of the Transformation Agenda

- The PDP 2023–2028 Chapter 5 contributes to accelerating the transformation agenda by
- underscoring the importance of building a competitive, inclusive, and resilient AFF sector.

- 116 It emphasizes the vital role of the national and local governments in driving innovation.
- 117 scaling up climate-smart and market-responsive technologies, and strengthening
- 118 agribusiness value chains. The chapter also highlights the need to strengthen multi-
- 119 stakeholder convergence and promote digitalization to enhance productivity, reduce
- 120 vulnerabilities, and attract greater private sector investments.

Action Plan

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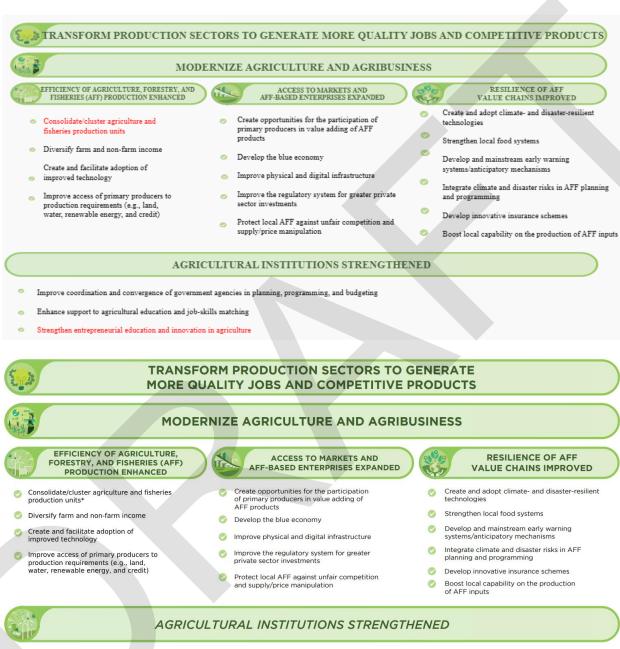
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- 122 The transformation of the agriculture and fisheries sector calls for a more deliberate.
- 123 scaled, and unified approach to strengthen its role in rural development and inclusive
- 124 growth. The updated strategies prioritize clustering and consolidation to leverage
- 125 economies of scale, improve service delivery, and enable the adoption of digital,
- 126 innovative, and nature-based technologies. Interventions will be more focused on high-
- 127 impact programs that boost productivity, sustainability, and resilience, alongside a
- 128 deliberate push for stronger private sector engagement in managing enterprises and
- 129 value chain activities. These actions will be grounded in institutional reforms aimed at
- 130 mandates, streamlining strengthening governance structures, and
- 131 coordination across national and local levels to close service gaps and align programs
- 132 toward shared development outcomes.

Updated Strategy Framework

- The government will continue to advance the transformative actions towards modernizing 134
- agriculture and agribusiness by (a) enhancing the efficiency of AFF production, (b) 135
- 136 expanding access to markets and AFF-based enterprises, (c) improving the resilience of
- 137 AFF value chains, and (d) strengthening agricultural institutions. While the overall
- 138 strategic framework has been generally retained, the strategies have been further refined
- 139 to concentrate efforts on high-impact interventions, ensuring a more focused approach.
- 140 and avoiding the risks associated with fragmented implementation and overstretched
- 141 capacity. In addition, to cultivate a more dynamic ecosystem of innovators and support
- 142 startup development in the sector, entrepreneurial education and AFF-based innovation
- 143 will be mainstreamed across relevant institutions and programs. 144

Figure 5.2 Updated Strategy Framework to Modernize Agriculture and Agribusiness



Improve coordination and convergence of government agencies in planning, programming, and budgeting

Enhance support to agricultural education and job-skills matching
 Strengthen entrepreneurial education and innovation in agriculture*

Strategies

- 149 Outcome 1: Efficiency of agriculture, forestry, and fisheries (AFF)
- 150 production enhanced
- 151 Consolidate/cluster agriculture and fisheries production units*
- The F2C2 will be systematically integrated into all relevant programs of the Department
- of Agriculture (DA) as a foundational strategy to unlock economies of scale, enhance
- 154 productivity, and enable more inclusive value chain participation. Across rural
- development agencies, consolidation and clustering will be applied as a cross-cutting
- principle in the provision of support, including shared service facilities, mechanization,
- irrigation, input distribution, extension, credit, insurance, and value chain management.
- 158 Organized clusters will serve as a strategic platform for targeting interventions more
- 159 effectively and expanding their reach. To support consistent implementation, dedicated
- technicians or extension workers will be deployed in each cluster. This will help ensure
- alignment with national programs, strengthen coordination with local government units
- 162 (LGUs) and partner agencies, and provide continuous technical assistance, technology
- transfer, and enterprise development—addressing operational gaps observed in current
- 164 F2C2 implementations.
- 165 Diversify farm and non-farm income
- 166 This strategy will intensify efforts to promote agro-processing and strengthen linkages to
- high-value markets, including institutional buyers and export channels. Recognizing the
- 168 limited entrepreneurial skills and capacity among rural populations to engage in value-
- adding activities, targeted training programs in agribusiness, digital technologies, and
- vocational trades will be implemented. To ensure that individual farmers and fisherfolk
- 171 can effectively benefit from these interventions, the government will promote
- The can electively belieff from these interventions, the government will promote
- 172 consolidation through cooperatives, clusters, and other collective mechanisms. These
- 173 efforts will empower rural communities to participate in diversified, resilient, and higher-
- income livelihoods, unlocking the full potential of both farm and non-farm sectors.
- 175 Create and facilitate adoption of improved technology
- 176 The consolidation and clustering strategy will facilitate wider adoption of climate-smart
- 177 and digital technologies. Organized groups and clusters can more efficiently access
- 178 training and support services, and share the high costs associated with acquiring
- technological innovations. To support the commercialization of innovative technologies,
- 180 collaboration between R&D institutions, academe, and the private sector will be
- encouraged early in the R&D process. This will help align innovations with market needs
- and improve prospects for private sector adoption and scaling.

- 183 Improve access of primary producers to production requirements (e.g., land, water,
- 184 renewable energy, and credit)
- 185 Improving access of primary producers to essential production requirements will be
- anchored on the consolidation and clustering strategy. Organized production systems can
- streamline resource mobilization, lower transaction costs, and facilitate the delivery of
- 188 government and private sector support. This approach mirrors the Sugar Regulatory
- Administration's (SRA) block farming strategy, which consolidates small sugarcane farms
- 190 (typically less than five hectares) into larger, contiguous blocks managed collectively.
- 191 Through this model, primary producers benefit from shared machinery, input procurement,
- 192 coordinated planting and harvesting, and stronger bargaining power with millers and
- traders, resulting in higher productivity and income. The F2C2 program will adopt similar
- 194 principles to generate efficiencies and economies of scale across various commodities,
- 195 creating a structured environment for targeted investments in irrigation, renewable energy
- 196 solutions, and inclusive financial services.
- 197 Irrigation systems will be expanded to cover strategic production areas, while existing
- 198 networks will undergo rehabilitation and climate-resilient retrofitting to improve water use
- 199 efficiency and climate adaptation. The provision of solar-powered irrigation systems will
- also be scaled up to promote sustainable water management (see Chapter 12).
- 201 Outcome 2: Access to markets and AFF-based enterprises expanded
- 202 Create opportunities for the participation of primary producers in value adding of AFF
- 203 products
- 204 Creating opportunities for primary producers to participate in value-adding activities will
- also be anchored on the continued consolidation and clustering of primary producers.
- 206 Organized groups are better positioned to meet quality standards and volume
- 207 requirements of the market, which are essential for establishing consistent supply
- 207 requirements of the market, which are essential for establishing consistent supply
- arrangements with institutional buyers. In this context, the deployment of dedicated
- agricultural technicians per cluster will be essential. These technicians will help ensure
- 210 compliance with good agricultural practices, postharvest handling protocols, and other
- requirements that demonstrate the capacity of producer groups to engage in commercial
- 212 partnerships. Strengthening this capacity will improve the attractiveness and viability of
- 213 these groups for private sector investments. To institutionalize such engagements,
- 214 partnerships must be formalized through contractual instruments including small brother-
- 215 big brother schemes, leasehold agreements, or joint ventures. Farmer cooperatives and
- 216 associations must also be capacitated to establish legal entities or corporate arms to
- 217 better manage contracts and value-adding enterprises.

218 Develop the blue economy

Community-based fisheries clustering and consolidation will be implemented to facilitate shared input provision, product aggregation, and stronger participation in higher-value market activities. Livelihood programs, including seaweed and mariculture farming and ecotourism, will be scaled up to provide diversified income sources. Pending the enactment of the Blue Economy Act, which will provide a comprehensive policy framework for blue economy development, the government will now focus on the continued operationalization of the 12 established fishery management areas (FMAs). Each FMA will be supported to develop and adopt an FMA Framework Plan, which will serve as a science-based and stakeholder-informed guide for managing fisheries resources within their jurisdiction, ensuring ecological sustainability, equitable access, and long-term productivity. Additionally, the implementation of coastal resource management programs will be intensified to strengthen the protection and rehabilitation of marine ecosystems, while supporting the long-term viability and sustainability of coastal-based livelihoods.

233 Improve physical and digital infrastructure

The government will continue to provide infrastructure support to the sector through improved targeting enabled by planning and information systems, such as the Agricultural and Biosystems Engineering Management Information System (ABEMIS) and Geographic Information System for Agricultural and Fisheries Machinery and Infrastructure (GEOAGRI) Portal. These tools will guide the rationalization of farm-to-market road proposals from LGUs to address connectivity gaps and support agriculture and fisheries value chains. In addition, the government will accelerate the rehabilitation, upgrading, and expansion of regional fish ports to improve efficiency in fish handling and distribution, enhance product quality, and strengthen global competitiveness.

To help close the digital divide in the sector, the government will accelerate the expansion of digital infrastructure in unserved and underserved areas. Localized implementation will also be pursued through partnerships with LGUs, communities, and private sector to ensure inclusive connectivity (see Chapter 12). These efforts aim to empower primary producers to participate effectively in the digital economy, including access to ecommerce, mobile- and web-based platforms, and real-time market information.

Improve the regulatory system for greater private sector investments

Institutionalizing fiscal and non-fiscal incentives, such as tax holidays, access to concessional finance, risk-sharing facilities, and blended finance instruments, will encourage more private investments in traditionally high-risk or underserved segments of the value chain (e.g., post-harvest facilities, cold storage, processing hubs in remote

- 254 areas). Regular multi-stakeholder consultations and the use of Regulatory Impact
- 255 Assessments (RIA) tools will ensure that policies remain responsive to market needs and
- do not impose an undue burden on investors. Institutionalized mechanisms to evaluate
- 257 the impact of current and future policies will also help identify and address regulatory
- 258 disincentives to private sector participation.
- 259 Protect local AFF against unfair competition and supply/price manipulation
- 260 The government will continue to intensify surveillance and enforcement operations
- against suspected smuggling of A&F products and pursue appropriate legal action. This
- 262 includes improving the efficiency of risk-based review of documents and physical
- inspection of consignments at ports of entry, in coordination with DA regulatory agencies,
- the Bureau of Customs (BOC), and other relevant authorities. Enforcement capabilities
- 265 will be enhanced, particularly concerning the importation of A&F products. The DA
- 266 Inspectorate and Enforcement Teams will be deployed to validate and monitor the
- implementation of key DA banner programs in close coordination with internal oversight
- units. Strict enforcement of the Anti-Agricultural Economic Sabotage Act and the Food
- 269 Safety Act of 2013 will be prioritized, focusing on deterring smuggling, misclassification
- 200 Calcity 7 lot of 2010 will be prioritized, localing of determing smaggling, misolassification
- and misdeclaration, and other forms of economic sabotage. Further, the DA will
- 271 collaborate with other agencies to effectively implement Administrative Order No. 20,
- which aims to streamline import procedures and eliminate non-tariff barriers.

273 Outcome 3: Resilience of AFF value chains improved

- 274 Create and adopt climate- and disaster-resilient technologies
- 275 The government will institutionalize climate-smart agriculture through risk-based,
- 276 location-specific interventions and strategies, particularly at the village level, under the
- 277 Mainstreaming of Climate Resilient Agriculture program. The rollout and maintenance of
- 278 climate-resilient villages will be expanded across 71 provinces through collaboration with
- 279 DA Regional Field Offices (RFO), LGU, state universities and colleges (SUC), civil society,
- and nongovernmental organizations, and the private sector.
- 281 Strengthen local food systems
- 282 The government will implement targeted strategies to support native livestock
- 283 development. These include the phenotypic and molecular characterization of native
- 284 breeds of cattle, pigs, horses, carabaos, and ducks to establish breed profiles and
- 285 conserve genetic diversity. Breed certification and recognition programs will validate and
- promote superior native breeds, while a breeder certification system will professionalize
- and incentivize quality breeding practices. Awareness campaigns will promote the value
- 288 and commercial potential of native animals. A standardized farm performance recording

- system will also be established to ensure consistent data collection for monitoring and improving productivity.
- 291 Develop and mainstream early warning systems/anticipatory mechanisms
- 292 Investments in real-time, granular market information systems will be increased, 293 alongside the promotion of crop insurance, weather forecasting tools, and other adaptive 294 measures. Extension services will be strengthened to deliver targeted support that 295 enables farmers to respond proactively to market and climate shocks. The provision of 296 timely weather outlooks and advisories will be enhanced, such as the 10-day farm 297 weather outlook and seasonal climate forecasts. The Regional Agro-Climatic Advisory 298 Portal will also be scaled up to improve access to localized, climate-informed decision-299 making across LGUs, AMIA Villages, and other stakeholders.
- 300 Integrate climate and disaster risks in AFF planning and programming
- 301 The government will deepen the integration of digital and innovative tools (i.e. satellite 302 imagery, drones, and aerial sensors) not only for planning and targeting but also to 303 enhance operational efficiency, real-time monitoring, and evidence-based decision-304 making. To ensure effective and context-specific use at the local level, LGUs will be 305 capacitated to process, interpret, and apply remote sensing and geospatial data in local 306 planning and reporting systems. Interoperable databases and digital platforms will also 307 be institutionalized to enable secure, coordinated, and real-time data sharing across 308 agencies, fostering a unified agricultural information ecosystem that enables more 309 responsive interventions and scalable innovations.
- 310 Develop innovative insurance schemes
- 311 The Philippine Crop Insurance Corporation will roll out the Area-Based Yield Index 312 (ARBY) insurance as both a top-up and a stand-alone product to provide flexible risk 313 coverage for primary producers. The target is to expand ARBY coverage to at least 10 314 percent of national rice-producing areas, with LGUs engaged as institutional purchasers 315 for their local constituents. To support efficient claims processing, a satellite-based, real-316 time loss verification system will be developed in partnership with PhilRice. A nationwide 317 farmer education program will also be launched to build awareness and understanding of 318 ARBY. To strengthen long-term product sustainability, the ARBY actuarial model will be 319 enhanced by integrating dynamic climate variability and demonstrated as a viable 320 investment case. Over the medium to long term, greater private sector participation in 321 agricultural insurance will be encouraged. Efforts will also be made to expand ARBY 322 coverage to other major commodities beyond rice.

323 Boost local capability on the production of AFF inputs

The government will encourage the domestic production of feeds and fertilizers to reduce import dependence and lower production costs. Efforts will center on supporting community-based feed mills and strengthening value chains by utilizing local raw materials like corn, rice bran, and copra meal. Research institutions and private partners will collaborate to develop cost-effective formulations, while extension services will provide training on proper feed mixing and storage techniques. In fertilizer production, investments will focus on expanding organic and biofertilizer production using agricultural waste, alongside scaling up local blending of inorganic fertilizers. Under the Adaptive Balanced Fertilization Strategy, primary producers will receive training on optimal combination of organic and inorganic inputs to improve crop yields, decrease reliance on imports, and restore soil health.

Outcome 4: Agricultural institutions strengthened

336 Improve coordination and convergence of government agencies in planning, 337 programming, and budgeting

The government will strengthen the implementation of the Agricultural Development Program under the Department of Budget and Management's Program Convergence Budgeting for better planning, implementation, and monitoring of the collective efforts to support the sector. Participatory governance will be enhanced through improved consultative and policy advocacy mechanisms, engaging both national and local stakeholders in the consultation processes, information and data generation, and project identification for a more responsive policy formulation and decision-making management. To enable more agile and data-driven approach, agricultural institutions will be capacitated to become digitally ready and enabled by integrating digital tools into planning and implementation processes, while equipping human resources with the necessary technological competencies.

Enhance support to agricultural education and job-skills matching

The government will continue to provide scholarships and internships opportunities to encourage interest and capacity building in the sector. Efforts will also be intensified to strengthen job-skills matching and scale up investments in technical and vocational education training, with emphasis on equipping the agricultural workforce with future-ready skills in areas such as the Future of Work, Artificial Intelligence, and Fourth Industrial Revolution.²

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² Trabaho Para sa Bayan Plan 2025-2034

356 Strengthen entrepreneurial education and innovation in agriculture*

The government will mainstream startup mindsets and innovation-driven learning in agriculture and fisheries education systems and training institutions. This will involve revising existing curricula to include modules or courses on lean startup principles, design thinking, and agricultural innovations. To complement this, innovation hubs and agribusiness incubator programs will be established within SUCs, HEIs, and training centers. A dedicated national mentorship and seed funding network for the sector will be created to support student- and researcher-led ventures from ideation to commercialization.

Targets

In 2023, the AFF sector recorded 1.2 percent growth in gross value added (GVA), up from 0.5 percent in 2022. However, this gain was reversed in 2024, as the sector contracted by 1.5 percent due to extreme weather events and the prolonged impact of transboundary animal disease. These vulnerabilities are compounded by the sector's continued reliance on traditional farming practices, limited adoption of innovative and modern technologies, weak market integration, and systemic inefficiencies across value chains. Growth also remained uneven, concentrated in select subsectors like poultry, while staple crops and fisheries continued to lag. While critical policy reforms and major programs and projects have been initiated, further efforts are needed to translate these into consistent and broad-based growth across the sector.

Table 5.2 Updated Results Matrix: Modernize Agriculture and Agribusiness

	Indicator	Baseline Value (Year)	Accomplishment		Updated Targets			MOV	Responsible
			2023	2024	2026	2027	2028	MOV	Agency
	Core Indicator: Modernize agriculture and agribusiness								
	Growth in average family income of skilled agricultural workers or farm laborers and fisherfolk (%)	27.1 (2015- 2018)	3.1 (2018- 2021)	16.35 (2021- 2023)	N/A	20.0- 30.0	N/A	Family Income and Expenditure Survey	DA, DAR, LGUs
	Growth in AFF GVA increased (%, in constant prices)	0.5 (2022)	1.2	-1.5	1.8-3.3	1.8-3.3	1.8-3.3	PSA Macroecono mics Account	DA, LGUs
	Ratio of HVC GVA to total AFF GVA increased (%)	21.0 (2021)	20.8	21.2	22.4	22.8	23.1	PSA Openstat	DA
	Level of mechanization improved (hp/ha) Rice ³	2.68 (2022)	ı	2.77	2.96	3.05	3.14	DA PHilMech Study	DA
Ī	Outcome 1: Efficiency of agriculture, fisheries, and forestry production enhanced								

 $^{^{3}}$ The targets for 2026 to 2028 were revised given the extension and expansion of implementation of RCEF.

Growth in AFF labor productivity increased (%)	-8.7 (2021)	-2.0	9.2					
Outcome 2: Access to markets and AFF-based enterprises expanded								
Growth in the total value of approved investments in agribusiness increased (%, in real terms)	-24.0 (2021)	-2.4	-92.9	10.0	10.0	10.0	PSA Openstat	Investment Promotion Agencies
Growth in the value of A&F exports increased (%, FOB value)	12.6 (2022)	-14.3	20.6	6.4	6.4	6.4	PSA Trade Statistics	DA, DTI
Outcome 3: Resilience of AFF value chains improved								
Proportion of primary producers covered by agricultural insurance to total number of primary producers registered in the RSBSA increased (%)	33.4 (2021)	41.12	43.96	48.1	50.8	53.3	PCIC Annual Report	PCIC

377 **Legislative Agenda**

378 The following legislative agenda will be pursued for the remaining Plan period.

379 Table 5.3 Legislative Agenda to Modernize Agriculture and Agribusiness

Legislative Agenda	Rationale/Key Features	Responsible Agency
National Land Use Act	Establish a national land use framework that will define the indicative priorities for land utilization and allocation across residential, agricultural, and protective uses	DEPDev, DENR, DA, DAR, DHSUD, DILG, LGUs
Consolidating land administration and management functions	Improve land administration and management services for agricultural and non-agricultural lands, including distribution of individual titles under the Comprehensive Agrarian Reform Program	DENR, DAR, DA, DILG, DHSUD, LRA, NAMRIA, NCIP, LGUs
Increasing Idle Land Tax	Promote the productive use of idle lands, even if temporary, but without prejudice to the rights of owners to security of tenure.	DOF, DILG, DBM, LGUs
Soil and Water Conservation Act	Promote the adoption and implementation of sustainable land management PAPs to prevent land degradation through soil and water conservation technologies	DA, DENR, NIA
Amendments to the Land Bank of the Philippines Charter	Increase the authorized capital of the bank for better funding assistance in government programs for primary producers and enable them to operate as a government financial institution for broad-based agricultural and rural development	LANDBANK, DOF, BSP, DBM
Amendment of the Rice and Corn Law (Presidential Decree [PD] No. 194)	Amend the PD 194, which places a time limit for foreign companies to operate as 100% foreign-owned entities, to attract foreign investments in the agriculture sector.	DA, DTI, DOF, OP
Strengthening the PCIC	Strengthen and expand the agricultural insurance provision by the PCIC to protect primary producers from losses and damage brought about by natural calamities.	DA, DOF, DBM, IC
Blue Economy	Establish a framework for the blue economy, promote stewardship and sustainable development of coastal and marine ecosystems and resources.	DENR, DA, DOTr, DTI, DOST, PCG
Revised Cooperative Code of the Philippines	Amend certain provisions of the Cooperative Code of 2008 to further strengthen the cooperative movement in the country.	DA, DTI, DOLE
Amendments to the Warehouse Receipts Law	Promote agricultural activity by increasing access to affordable credit through a simplified, unified, and modern warehouse receipts framework, including an electronic registry to facilitate the storage, trading, and financing of agricultural goods.	DA, DOF, BSP, SEC

Addressing land	Establish a comprehensive framework for farm consolidation,	DAR, DA, DENR, LGUs
fragmentation	land tenure protection, and agricultural land use planning to	
	address land fragmentation and insecure property rights.	