



RISK IDENTIFICATION, TREATMENT, AND ACTION REGISTRY

Department of Agriculture
Philippine Coconut Authority

Registry as of
Branch / Region / Department

December 30, 2024
PCA

Strategy Measure	Risk Identification				Risk Assessment			Risk Treatment		
	Risk	Source	Category	CL	S	P	RL	Risk Treatment	Action Plan	Responsible Unit / Staff
Development of Coconut Hybrid Farms	Failure in bidding due to price escalation of materials or no bidder	External	Operational Risks	2	4	3	H	Avoidance	Timely preparation and approval of PPMP and APP; Anticipation on the price increase; Update of current market price; Proper identification of items and technical specification for procurement; EPA	OB/ROs/POs
Number of Investments Secured	High export dependency	External	Regulatory / Policy Risk	2	4	4	H	Avoidance	Promote the use of coconut products and by-products locally to increase domestic consumption and develop domestic markets by collaborating with local businesses to integrate coconut products into various industries such as food, beauty, and wellness, developing strong retail and distribution networks and launching public awareness campaigns.	TMDD/ROs
Average Nut Yield of Coconut Palms per Year (nuts/tree/year)	Low productivity due to low soil fertility	External	Operational Risks	2	2	3	M	Mitigation	Promotion organic fertilizers	OB/RDB
Budget Utilization Rate	Late fund release	Internal	Operational Risks	2	3	2	M	Mitigation	Early preparation for the timely submission of BEDs; Early Procurement Activity (EPA)	AFB/OB/ROs
Development of Coconut Hybrid Farms	Illegal entry of private individuals / group in seedfarm/seedgarden	Internal	Regulatory / Policy Risk	1	3	2	M	Mitigation	*Site and Partner selection; Improve operational and security measures; Assist to secure land title; Coordinate with LGU, PNP, and other concerned institutions	ROs/POs
Development of Coconut Hybrid Farms	Low germination rate	External	Operational Risks	2	3	2	M	Mitigation	Strict compliance to proper post-harvest handling standards; Coordination with partner agencies on the provision soaking ponds at nut selection areas; Strict compliance to nursery establishment standards	OB/ROs/POs
Development of Coconut Hybrid Farms	Protection and safety of laborers due to lack of personal protection clothing and equipment	Internal	Operational Risks	1	3	2	M	Mitigation	Provision of hazard safety equipment to field personnels	ROs/POs
Number of Coco-based Enterprise Established	Unfinished construction of PCA agrohubs due to unreliable contractors	External	Operational Risks	2	3	2	M	Mitigation	Conduct proper post evaluation of the contractor and close monitoring of the progress of the construction; EPA; Blacklisting of contractors failed to comply with the ToR	ROs/POs
Number of Coconut Research Completed and translated to policies	Damage/contamination of biological assets by pests	External	Disaster Risks	1	2	3	M	Mitigation	Timely and proper treatment and disposal of samples or collections from outside the Center and from all laboratories.	RDB/RCs
Percentage of Employees Meeting Required Competencies	Lack of discipline, motivation, and focus of work force	Internal	Operational Risks	1	3	2	M	Mitigation	Implementation of Personnel Development Plan, Values Formation, Performance Evaluation, and Disciplinary Action	AGSD
Percentage of satisfied customers	Personnel protection	Internal	Operational Risks	2	2	3	M	Mitigation	Implementation of PCA Workplace Safety programs	AGSD
Percentage of satisfied customers	Death or infirmity of laborers due to work-related incidents	External	Reputational Risks	1	3	2	M	Mitigation	Provision of hazard safety equipment to field personnels; Implement / establish protocols in prioritizing safety in field works; Implementation of the CFIDP Health and Medical Program	OB/ROs/POs
Survival Percentage of Coconut Seedlings Planted in the Last Three (3) Years	Low survival rate of planted coconut seedlings	Internal	Operational Risks	3	2	3	M	Mitigation	Introduction of Good Agricultural Practices for Coconut Production; Continued assistance through training of farmers	OB/ROs/POs

Average Nut Yield of Coconut Palms per Year (nuts/tree/year)	Occurrence of natural calamities (ie. Typhoons, earthquakes, pest and diseases)	External	Disaster Risks	2	2	4	S	Mitigation	Practice and promote climate-resilient farming systems; Utilize disaster-prone area map to select less to disaster prone areas	OB/ROs/POs
Average Nut Yield of Coconut Palms per Year (nuts/tree/year)	Limited supply of high yielding varieties	Internal	Operational Risks	2	3	3	S	Share / Transfer	Establishment of seedfarms in partnership with coconut farmer groups	OB/ROs/POs
Development of Coconut Hybrid Farms	Encumbered properties of prospect farmer beneficiaries	External	Operational Risks	1	3	4	S	Share / Transfer	Collaboration with DAR, LGUs, and Financial Regulators	ROs/POs
Development of Coconut Hybrid Farms	Weak government-private convergence support	External	Operational Risks	3	3	4	S	Share / Transfer	Establishment of platforms for the government and private sectors to engage regularly such as meeting, conference or task force to foster collaboration	OB/ROs/POs
Development of Coconut Hybrid Farms	Delayed delivery of agricultural inputs	Internal	Operational Risks	2	3	4	S	Share / Transfer	Impose strict compliance to the suppliers during post qualification; EPA	AGSD/ROs
Development of Coconut Hybrid Farms	Theft of planting materials and agri inputs	Internal	Operational Risks	1	3	4	S	Share / Transfer	*Site and partner selection; Enhance security measures; Limit access to storage areas and critical supplies to authorized personnel only; Increase Security Personnel; Strengthen Relationships with Law Enforcement; Implement Theft Prevention Policies	ROs/POs
Development of Coconut Hybrid Farms	High abortion rate of hybridized palms	External	Operational Risks	3	3	4	S	Share / Transfer	Strict compliance of hybridization protocols/ standard; Strict compliance to the application of recommended fertilizers; Incorporate organic soil amendments such as compost or green manuring to improve soil fertility; Strict compliance to Good Agricultural Practices; Provide proper training and orientation to all hybridization crews	OB/ROs/POs
Development of Coconut Hybrid Farms	Increase in price of agricultural inputs and labor cost	External	Operational Risks	2	3	4	S	Share / Transfer	Preparation of sensitivity analysis and contingency plans during budget proposals; EPA	OB/ROs/POs
Development of Coconut Hybrid Farms	Intrusion of ruminants in seedgardens	External	Disaster Risks	1	3	3	S	Share / Transfer	Work with barangay officials to draft or strengthen local ordinances that specifically address livestock control, grazing areas, and penalties for violations	ROs/POs
Development of Coconut Hybrid Farms	Limited supply of water	External	Operational Risks	1	3	3	S	Share / Transfer	Collaboration and partnership with NIA for the construction of irrigation facilities and groundwater development; Rainwater harvesting such as construction of large dams or reservoir; Installation of drip or sprinkler irrigation	ROs/POs
Development of Coconut Hybrid Farms	Outdated models of farm implements and equipment	External	Technological Risks	1	3	3	S	Share / Transfer	Upgrading of equipment	OB/AFB
Increase in Average Annual (Gross) Income of PCA-assisted Farmers per Hectare	Low price of copra	External	Regulatory / Policy Risk	2	3	3	S	Share / Transfer	Promotion and knowledge transfer on coconut processing for value addition	OB/ROs/POs
Increase in Average Annual (Gross) Income of PCA-assisted Farmers per Hectare	Unavailability of forage and housing upon delivery of animals	External	Operational Risks	1	3	4	S	Share / Transfer	Collaboration with the LGUs and coconut farmer groups to ensure that forage area and housing of animals are available prior to delivery	ROs/POs
Increase in Average Annual (Gross) Income of PCA-assisted Farmers per Hectare	Unavailability of suppliers within the project area	External	Financial Risks	1	2	4	S	Share / Transfer	Coordination with the LGUs, coconut farmer groups, or nearby PCA regional office for sourcing of suppliers	ROs/POs
Increase in Average Annual (Gross) Income of PCA-assisted Farmers per Hectare	Unacceptability of coconut farmers and other stakeholders of new technologies	External	Technological Risks	1	2	4	S	Share / Transfer	Conduct of training and orientation prior to technology transfer; Provide IEC materials to farmers and stakeholders; Use participatory approach to farmers and stakeholders by involving them in the developing and testing of the new technology;	OB/ROs/POs
ISO 9001:2015	Improper turn-over of records or reports	Internal	Regulatory / Policy Risk	2	3	3	S	Share / Transfer	Reorientation on the protocols on turn-over of records or reports	AGSD
ISSP- Number of systems developed / implemented	Data breaches	Internal	Technological Risks	2	4	1	S	Share / Transfer	Coordination with the appropriate authorities for the installation of email security measures; Enhancement of internal security systems	IMSU

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