

Promoting Nutritious Food Systems in the Pacific: Tonga National Action Plan

NUTRITION: Reduction in NCDs and increased income from investments in local food crops and fisheries value chain development					
Impact Aim: A healthier Tonga and 5% annual growth in rural incomes					
Key Innovations / critical success factors: Government / political will; multi-stakeholder collaboration; enabling food and trade/import tax policies; farmers willing to increase production of traditional food crops; consumer acceptance “buy in” for more healthy nutrient dense Tongan foods.					
Action	Partners involved	Stakeholder Targeted	Resources Required	Timeframe	Method of Verification
1. Consolidate and strengthen national food and nutrition coordinating mechanisms and build linkages with regional coordinating mechanisms to increase production and consumption of local food crops and fisheries	In Tonga <ul style="list-style-type: none"> ➤ National Food Committee ➤ Ministries: MAFFF, MoE ➤ NGOs: Tonga Health, MORDI ➤ Farming Organisations: GroFed, Nishi Trading Region PIFON, IFAD, CTA, FAO, SPC, WHO	Policy makers, Farmers, Farmer organisations, Consumers	Funds Human Resources Government commitment	1 – 3 years	<ul style="list-style-type: none"> ➤ Resolutions of meetings and reports on joint actions. ➤ Import / trade tax policies. ➤ Increased production & availability of local nutrient dense foods. ➤ No. of local processing facilities upgraded to meet safety/ healthy standards ➤ Reduction in imports of highly processed foods (high sugary, oils, salt) ➤ Obesity & NCD Stats (<57% obese, < 98, at high risk or moderate risk of NCDs, >73.1% consuming 5 portions of fruits/vegetables per day) ➤ Agr Stats (production, market surveys)



					<ul style="list-style-type: none"> ➤ No. of active value chain platforms established for improved coordination and value chain performance
<p>2. Role of traditional food for health, nutrition and incomes recognised in national policies, plans and associated budgets and promoted widely</p>	<p>In Tonga</p> <ul style="list-style-type: none"> ➤ National Food Committee ➤ MAFFF ➤ NGOs: Tonga Health, MORDI ➤ Farming Organisations: Grofed, Nishi <p>Region/international PIFON, IFAD, CTA, FAO, SPC, WHO</p>	<p>Policy makers Consumers</p>	<p>Funds Human Resources Government commitment</p>	<p>1- 3 years</p>	<ul style="list-style-type: none"> ➤ Change in policy to address the promotion of Nutritious food system in Tonga ➤ Budget Allocation both in Tonga and CROP agencies ➤ Impact stories from NGOs / FOs / CBOs on increase in production and sale of traditional foods by local community groups (CTA/IFAD/PIPSO seed funding project)
<p>3. Analysis of bio-active content of priority food crops & marine resources & development of training materials and promotional campaigns</p>	<ul style="list-style-type: none"> ➤ Academic Institutions: USP ➤ Medical facilities ➤ Ministries: MAFFF; MoH, MoE ➤ NGOs ➤ Farming Organisations ➤ Community Groups ➤ Local Media <p>Region/international</p>	<p>National Food Committee, MAFFF, Tonga Health, Farming Organisations, Industry associations, Chamber of Commerce</p>	<p>Funds Human resources</p>	<p>1 – 3 years</p>	<ul style="list-style-type: none"> ➤ Publications; certified products; consumer surveys (awareness/confidence); ➤ Donor funding mobilised to support laboratory analysis ➤ No. of awareness campaigns & change in consumer perceptions



	PIFON, IFAD, CTA, FAO, SPC, WHO				
FINANCE – Making farmers bank ready and banks farmer ready					
Impact Aim: Innovative financial products and increased access to finance for farmers/ SMEs (agro-based)					
Key Innovations / Critical Success Factors: Bank’s bundling of farming/SME loan products; farmers’ / SME commitment to loan repayment, farmers understanding of loan / financial products; favourable environment (business/weather); Mobile banking systems exist and are growing					
Action	Partners involved	Stakeholder Targeted	Resources Required	Timeframe	Method of Verification
1. Assess the level of financial inclusion and literacy of farmers/ SMEs	<ul style="list-style-type: none"> ➤ Financial Institutions: NRBT (Already done, may need update), TDB ➤ Farmers ➤ NGOs ➤ Farmer Organisations 	Farmers, Farmer organisations, NGOs	Funds Human resources	1 year and ongoing	<ul style="list-style-type: none"> ➤ Document of assessment of financial inclusion and level of financial literacy
2. Capacity Building for farmers/Farming Organisations through mentoring and training on business plan development, value chain, risk management, gross margin, business	<ul style="list-style-type: none"> ➤ TDB ➤ Farming Organisations ➤ Farmers ➤ NGOs ➤ Financial institutions 	Farmers, Farmer organisations and Trainers	Funds Experts (trainers)	Start and on-going	<ul style="list-style-type: none"> ➤ Records of number of training conducted, increase in value of agriculture lending portfolio, decrease in level of arrears of lending to agriculture/SMEs, records on level of compliance with business and statutory requirements.



requirements and compliance to statutory requirements					
3. Capacity Building for financial institutions and mentoring in developing innovative financial products suitable for Tonga	<ul style="list-style-type: none"> ➤ TBD ➤ NGOs 	Financial institutions MOF	Funds Experts (with international experience)	1-3 years	<ul style="list-style-type: none"> ➤ Number of innovative financial products (and bundles of products) introduced ➤ Increased financial inclusion of farmers/ SMEs, particularly in rural areas ➤ Increase in value of agriculture lending portfolio

ICT – Robust Communication System for Growers

Impact Aim: Increased knowledge on production levels; markets (market intelligence); climate, pests other related risks

Key Innovations /Critical Success Factors: Multi-stakeholder partnerships (relevant public and private stakeholders); availability of IT experts/ expertise; availability of cost effective and user friendly ICT tools for farmers/SMEs

Action	Partners involved	Stakeholder Targeted	Resources Required	Timeframe	Method of Verification
1. Production to market research and database platform development	<ul style="list-style-type: none"> ➤ Farmers ➤ Buyers/traders ➤ Government (MAFFF) ➤ Cooperatives ➤ Hospitality industry ➤ Donors 	Farmers, buyers, government, private sector, cooperatives and donors	IT support, Researchers, statisticians, Database servers Hosting capital Funding	Development – 6 months Data collection – 6 months Maintenance – Ongoing	<ul style="list-style-type: none"> ➤ Documented findings; Availability of database



	<ul style="list-style-type: none"> ➤ Financiers/banks: TDB, RBT 				
2. Scale-up existing tools (App: My Kana+, MOAP+, FFA+, PacAT – different versions (languages, phases, levels))	<ul style="list-style-type: none"> ➤ Donors ➤ Banks ➤ Government ➤ Training Institutions ➤ Insurance ➤ Mobile Operators 	Farmers Consumers	Developers Hosting (Cloud) Testers Market and promotional costs Funds	1 year	<ul style="list-style-type: none"> ➤ Apps being used by farmers/consumers/ SMEs ➤ It is reported in increased access (and ease of access) to information on agricultural practices and knowledge, markets, climate and weather information etc.

Insurance – Robust Insurance Package for Farmers

Impact Aim: Build local capacity and enabling environment for the development and introduction of agricultural insurance products.

Key Innovations/ Critical Success factors: Agricultural Census and detailed costings available to quantify the total crop value at risk; political will; Partnership of relevant stakeholders; Government’s political will; historical data available; Phone penetration above 60% and growing rapidly; farmers’ buy in, Funding

Action	Partners involved	Stakeholder Targeted	Resources Required	Timeframe	Method of Verification
1. Promotion / Introduction/ capacity building of weather index based insurance;	<ul style="list-style-type: none"> ➤ Ministries: MAFF, MoECC, MoFNP ➤ Farming organisation ➤ PCRAFI ➤ Insurance companies 	Farmers Insurance companies	Funding Coordinators Experts	1 year	<ul style="list-style-type: none"> ➤ Work plan for the development of insurance package for the farmers



2. Review of legislation on insurance	<ul style="list-style-type: none"> ➤ Government ➤ NRBT (regulator) 	Insurance and re-insurance companies	Access to regulator and national legal officers Experts (international) Funding	1 year	<ul style="list-style-type: none"> ➤ Assessment of the regulatory environments in relation to WIBI ➤ Confirmation from the regulator that WIBI fits within national legislations ➤ If required, proposed changes in the legislation to allow for introduction of WIBI
3. Collect, analyse and provide policy makers with relevant information and also design/ propose appropriate system WIBI	<ul style="list-style-type: none"> ➤ MAFFF ➤ Farming organisations ➤ Farmers ➤ Regional partners ➤ Insurance companies ➤ Financial institutions 	Farmer associations MAFFF NRBT	Funds Experts (technical Met expertise, agronomists, agricultural insurance expert)	1 year	<ul style="list-style-type: none"> ➤ WIBI insurance scheme for Tonga designed, discussed and adopted by relevant stakeholders ➤ Approval by government to proceed with implementation
4. Introduce and promote WIBI	<ul style="list-style-type: none"> ➤ Farmers organisation ➤ Insurance companies ➤ Government 	Farmers Farmers organisation	Funding Experts	1 – 2 years	<ul style="list-style-type: none"> ➤ WIBI insurance package scheme available for farmers

List of Acronyms

CTA Technical Centre for Agricultural and Rural Cooperation
 FAO Food and Agriculture Organisation of the United Nations



REGIONAL FORUM – Developing Pacific Local Food Crops & Fisheries Value Chains –
KEY INNOVATIONS & CRITICAL SUCCESS FACTORS
7 – 10 May 2018, Suva, Fiji



GroFed	Growers Federation of Tonga
IFAD	International Fund for Agricultural Development
MAFFF	Ministry of Agriculture, Food, Forests and Fisheries
MoE	Ministry of Education
MoECC	Ministry of Environment & Climate Change
MoFNP	Ministry of Finance & National Planning
MoH	Ministry of Health
MORDI	Mainstreaming of Rural Development Innovation
NRBT	National Reserve Bank of Tonga
PCRAFI	Pacific Catastrophe Risk Assessment & Financing Initiative
PIFON	Pacific Island Farmers Organisation Network
SPC	Secretariat of the Pacific Community
TDB	Tonga Development Bank
USP	University of the South Pacific
WHO	World Health Organisation
WIBI	Weather Index Based Insurance

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