18. Ministry of Agriculture, Food and Forestry

Corporate Plan & Budget



2019/20 - 2021/22

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List of Abbreviations

CP&B Corporate Plan and Budget

FY Fiscal Year

KPI Key Performance Indicator

MDA Ministries, Departments and Agencies
NIIP National Infrastructure Investment Plan
TSDF Tonga Strategic Development Framework
MFNP Ministry Finance and National Planning
MAFF Ministry of Agriculture, Food and Forests

TASP Tonga Agricultural Sector Plan CSD Corporate Services Division

QQMD Quarantine Quality Management Division

FD Food Division

EWDD Extension Women Development Division
RID Research and Information Division
LDD Livestock Development Division
FDD Forests Development Division
FAO Food Agriculture Organization

Foreword from the Minister of Agriculture, Food and Forestry

It is my pleasure to introduce the MAFF's Corporate Plan and Budget for the financial year 2019/20 as well as the 2020/21-2021/22 financial period.

MAFF has been pursuing development objectives and initiatives identified through the current 10 year Tonga Strategic Development Framework (2015/16 - 2024/25 TSDF) as well as the 5 year Tonga Agriculture Sector Plan (2016/17 - 2020/21 TASP). These initiatives fall within the three major categories of i) food security; ii) import substitution; and iii) export promotion.

After Cyclone Gita in January 2018 food security has been the major emphasis in term of recovery activities on crops and livestock production. Import substitution has also been promoted through importing of new livestock breeds of goat, pig and sheep from Fiji. Artificial insemination (AI) has also been promoted for cattle and sheep to improve the blood lines and subsequently substitute for some of the significant amount of meat imports.

Significant amount of local development fund (\$2.5 million) was added to the Ministry's 2018/19 budget to cater for the above activities and the introduction of new fruit varieties for stock improvement. Coconut replanting is also high in the agenda given the ageing problem with the current population as well as damages inflicted by Cyclone Gita.

MAFF will continue its development efforts in 2019/20 pursuing the same activities with greater emphasis on climate smart and resilient agricultural practices as the intensity and scale of natural disasters (cyclones, droughts) increased every year. Tonga has become the 2nd most vulnerable country in the world to climate changes.

MAFF has also been restructured with the re-establishment of Policy and Planning, Research, Livestock, and Extension and Women as divisions to concentrate more on the initiatives described above with import substitution and export promotion as major emphasis in the coming financial years.

I wish the Ministry all the best in its endeavour to fulfil its development vision, objectives and strategies in the 2019/20 financial year in preparation for the 2020/21-2021/22 financial period.

Hon Losaline Hingano Maási

Mucosi

Minister of Agriculture, Food and Forestry

Message from the CEO of Agriculture, Food and Forestry

The MAFF's Corporate Plan (CP) for 2019-2022 is forward looking in it's preparedness strategy for the agriculture sector to be resilient against the impacts of the increasing economic drive from the sector and the increasing population pressure and the increasing impacts of the changing climate on the limited agriculture resources. The CP focus it's support on the increase production of local healthy foods for the people of Tonga, but especially the local livestock, vegetables and fruits. In addition, is it's focus on the rural subsistence farmers to be empowered to become commercial farmers to increase the exports of agricultural production.

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Dr. Viliami Toalei Manu

Chief Executive Officer of Agriculture, Food and Forests

1. MAFF Corporate Plan Executive Summary

The Ministry is governed by the Hon Minister of Agriculture, Food and Forests and its operations are executed by the Chief Executive Officer (CEO).

There are 6 divisions in Tongatapu that all interlinked with 5 outer islands offices in Niuafo'ou, Niuatoputapu, Vava'u, Ha'apai, and 'Eua.

Activities under each division are hereby identified, targeted, and estimated for the next 3 financial years starting from 2019/20 to 2021/22 FY.

1.1 Mandate, Key Legislations, Policy Decisions & Conventions

The Ministry's role and functions are mandated under the authority of the Constitution, Laws, Cabinet, Parliament and International Agreements. It has the authority to perform its functions under the purviews of the following Acts and Legislations (details in Annex 2).

- i) Agricultural Commodities Export Act (1) 2002
- ii) Animal Disease Act (1) 1979
- iii) Birds and Fish Preservation Act (1) 1915
- iv) Copra Act (1)1926
- v) Food Act2014
- vi) Forests Act (1)1961
- vii) Markets Act [1]1976
- viii) Noxious Weeds Act (1) 1917
- ix) Pesticides Act (1) 2002
- x) Plant Quarantine Act (1) 1982
- xi) Pounds and Animals Act [1]1918
- xii) Rhinoceros Beetle Act [1]1912

Vision

To be the leading agency in directing, guiding and serving the agriculture sector to provide healthy foods and resilient livelihoods for all, in an economic, social and environmentally sustainable manner.

Mission statement

To facilitate the sustainable development of the agriculture sector through responsive, accurate and relevant services to strengthen stakeholders' capacity and capability.

Objectives

- i) maintaining food security with the purpose to evade hunger problems throughout the nation;
- ii) maintaining and driving efficient and effective national economic performances, based on the current limited agricultural resources available where majority of the populations are heavily depended and involved;
- iii) maintaining healthy population by providing and consuming the right and appropriate food sources available locally; and
- iv) sustainable management of agricultural resources (soil, water and animal and plant genetic resources) and the natural environments while implementing these activities

Strategies

- i) provide policy advices to government to direct and guide the agriculture sector to be productive, efficient, competitive, smart, resilient and sustainable;
- provide policy advices to government to direct and guide the sustainable use of our limited land and water resources to optimise social, economic and environmental benefits;
- administer government programs and legislations that support these objectives, including the collection of levies for QQMD services, Livestock Division veterinary clinic services and Food Division services;
- regulate the import of food and other goods to prevent invasive pests and diseases to protect the people, plants and animals of Tonga;
- v) regulate the export of agriculture and forest products to meet importing country requirements;
- vi) prepare and build the capacity of the agriculture sector with science-based advices and technologies to counter-act the impact of the changing climate and to improve rural livelihood; and
- Maintain and drive a good national economic performance based on the agricultural sector, where the highest percentages of the population participate and involve and most of its natural resources are invested.

1.2 Stakeholders

Major Stakeholders

The major stakeholders of MAFF within the agriculture sector are the farmers, weavers, primary producers, community groups, rural populations, exporters, businesses, food and agriculture products traders, etc. The focus is on the rural farmers with the aimed at empowering a proportion of the subsistence farmers to be commercial farmers, producers, processors and exporters.

Table 1: MAFF's Stakeholders and their Relationships

	1000 1, 101/11 1		na their Relationships	
		Received from	m or Provided to MAFF	
Stakeholder	Customer of MAFF	Supplier to MAFF	Partner with MAFF	Oversight of MAFF
Cabinet	Advice, Recommendations, Information	Decisions	Operating Effectiveness of Government	Direction
LA	Advice, Recommendations, Information	Decisions, Legislation		Direction
MDAs	Advice, Guidance, Instructions, Information	Information	Operating Effectiveness of Government, Support of the TSDF	Oversight by PMO, PSC - Policy, Operations
Public Enterprises	Advice, Guidance, Instructions, Information	Information	Operating Effectiveness of Government, Support of the TSDF	
Businesses	Advice, Guidance, Instructions, Services, Information	Provide Commercial Goods, Services, Fees, Charges	Support of the TSDF, Economic Development	Monitor, Petition
Farmers, Weavers, Producers etc	Advice, Guidance, Instructions, Services, Information	Compliance, Fees, Charges	Support of the TSDF, Economic Development	Oversight Compliance
Exporters, Food Traders & general public	Advice, Guidance, Instructions, Services, Information	Goods, Services, Fees, Charges	Support of the TSDF, Economic Development	Oversight Compliance
General Public	Advice, Guidance, Instructions, Services, Information	Goods, Services, Fees, Charges	Support of the TSDF	Vote, Petition
Development Partners	Advice, Guidance, Instructions, Services, Information	Development Assistance and Advice	Delivery of Aid Funded Programs	Oversight of the Use of Development Funds, General Performance Management

Customers of the Ministry

The core business of MAFF is to provide responsive, accurate and relevant service to facilitate the needs of the agriculture sector and general public. The ministry recognizes its obligation in playing leadership role in the sector through making better decision in setting clear priorities to deliver core outputs first considering its limited resources. The ministry's main customers include;

- i. Cabinets, Parliament and line Government Ministries;
- ii. Producers of agriculture products (farmers, processors, weavers, etc.);

- iii. Consumer of agriculture products;
- iv. Exporters, importers and processors of agriculture products;
- v. Private sector, institutions and NGOs; and
- vi. Communities and general public.

1.3 Result Map A more progressive Tonga supporting a higher quality of life for all **TSDF National Impact** TSDF National A: A more inclusive, sustainable and dynamic knowledge-based economy F: A more inclusive, sustainable and effective land administration, environment management and resilience to climate and risk Outcomes 3.1 More efficient, effective, 1.2: Closer Public/Private 1.5: Better access to overseas trade, 5.2: Improved use of Partnership for economic growth TSDF affordable, honest, transparent & employment and foreign investment natural resources for Organization apolitical public service focused on long term flow of Outcomes clear priorities benefits **MAFF Program** 18.1 Leadership & Policy direction 18.2 Agriculture & Forestry Development CEO's Office Extension and MAFF Sub-Minister's Policy and Corporate Service Research Quarantine & Quality Forestry **Food Division** Livestock Women program Office Planning division Division Management Division Division Division Division Division Result-based Better link to Better Advice Better Better Better border Better food Better Better Effective Better MAFF External & Guidance support SDG and TSDF access to Informatio scientific & protection of supply of safety and extension contacts Output Demandgoals and MAFF Technologi plants and quality fair trade for n and advisory with driven objectives information Manageme cal animals seedlings services livestock performance nt & knowledge Better Better commercial farmers Communic Improve facilitation of training for food training for improve ation export clients managemen improved t of productivit resources **MAFF** Internal Better Better Better administration and y & Output Leadership manage human resource Better policy manageme operation & management and planning nt of reform resources

1.4 TSDF/SDGs/Regional Frameworks

The Ministry of Agriculture, Food and Forestry's Corporate Plan 2019-2022 (MAFF CP) aligned all its priorities in accordance with the Tonga Strategic Development Framework 2015-2025 (TSDF) national impact of "A more progressive Tonga supporting a higher quality of life for all". It also supports two of the TSDF National Outcome of: i) "A more inclusive, sustainable and dynamic knowledge-based economy"; and ii) "A more inclusive, sustainable and effective land administration, environment management and resilience to climate and risk".

The CP is also in line with four United Nation Sustainable Development Goals: i) SG2, for ending hunger; ii) SG12, for sustainable production; iii) SG13, for adapting to climate change; and iv) SG15, for sustainable use of terrestrial ecosystems.

The CP is also drawn from the priorities of the Tonga Agriculture Sector Plan 2016-2020 (TASP)¹ which was developed based on significant consultation with key partners of farmers, fishers, communities, diverse civil society organizations, exporters, businesses, government ministries, public enterprises, etc.

1.4.1 TSDF Impacts and Outcomes Supported by MAFF Outputs

The CP is designed under three pillars of TSDF: i)Political, ii) Economic; and iii) Natural resources and Environment pillar. It hasa) 4 outputs within the *TSDF's Political Pillar*:i) Office of the Minister; ii) Office of the CEO;iii) Corporate Services; and iv) Policy and Planning; b) 4 outputsunder the TSDF's Economic Pillar.c) 1 output in the TSDF's Natural Resources and Environment Pillar,; and d) two Organizational Outcomes of: i) the dynamic and knowledge based economy; ii).Organizational Outcome 5.1: Improved land administration and environment management, with resilience to climate and risk.

1.4.2 Sector Plans, Regional & Community Development

The CP attempts to improve its service delivery to be more responsive, accurate and relevant to the agriculture sector. It targets three main areas: i) to promote the increase of the productivity, resilience, sustainability and diversity of the agriculture systems in Tonga (import substitution); ii) to support the increase production, diversity, quality and safety of local healthy foods for the people of Tonga (food security); and iii) to promote the improvements of the quality, diversity and volume of agricultural products for exports from Tonga (export promotion).

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¹ The Kingdom of Tonga: Tonga Agriculture Sector Plan 2016-2020...World Bank, UNDP

Outputs include:

- i) Agriculture Information, Knowledge, Advisory, Planning and Policy Services;
- ii) Training, Capacity Developments and Institutional Support Services;
- iii) Promote Competitiveness and Agriculture Production Services;
- iv) Border Control, Trade Facilitation and Compliance Services;
- v) Climate-smart, Resilient & Sustainable Resource Management Services;
- vi) The Corporate Services; and
- vii) Leadership and Management Services.

2. Ministry Overview

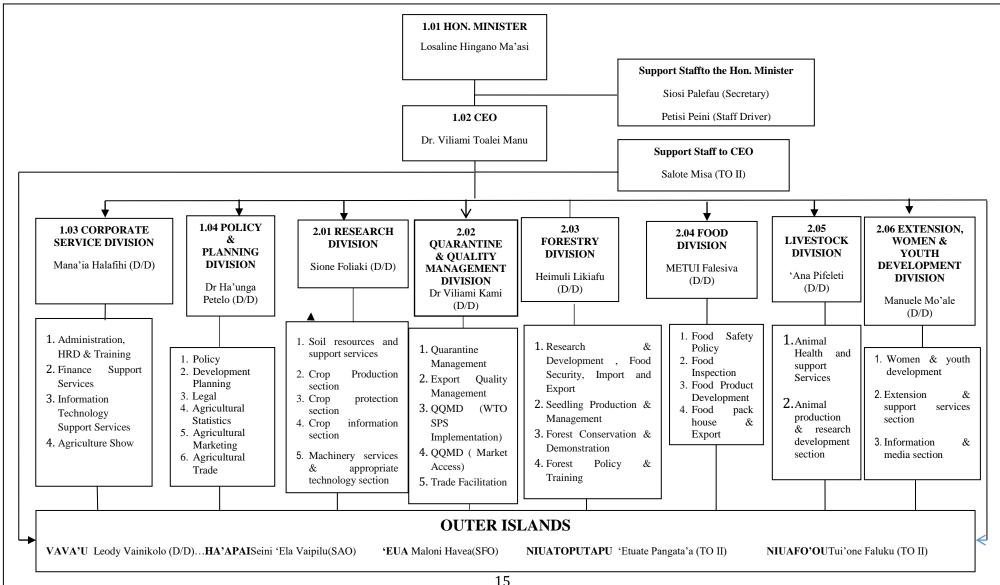
2.1 Ministry Outputs Grouped into Divisions/Sub-Programs and Programs

Table 6. Summary of Program: number and name, outputs and divisions/sub-programs

Program(s)	Ministry's Outputs	Activities/Strategies	Responsible Division
Program 1: Leadership & Management Roles	Better lead MAFF with clear direction and divisions of labour between Minister and CEO Provide better evidence based advice and guidance to stakeholders	Administration of MAFF Leadership	Minister &CEO
	Submit government annual budget to Parliament Provide better policy and planning advice and services with emphasis on effective and efficient development project planning, implementation, monitoring, and evaluation	Present budget estimate during Parliament deliberations Analyse current policies and legislations that directly impact the ministry and sector; Identify and prepare project proposal for development initiatives that will benefit the ministry and the sector	Minister &CEO Policy & Planning; Corporate Services; Research; Livestock; Extension & Women, QQMD; Forestry; Food
	Better formulated budgets that is balance with corporate plans	Close consultations with divisions and MOF to align output, activities and KPIs	Policy & Planning, Corporate Services
Program 2: Agriculture and Forestry Development	Provision of Agricultural Information	Meetings and trainings with relevant stakeholders and customers of MAFF	Research, Livestock, Extension & Research, Food, Forestry, Quarantine
	Agricultural knowledge	Meetings and trainings with relevant stakeholders and customers of MAFF	Food, Forestry, Quarantine
	Agricultural Advisory	Meetings and trainings with relevant stakeholders and customers of MAFF	Research, Livestock, Extension & Research, Food, Forestry, Quarantine
	Agricultural Training	Meetings and trainings with relevant stakeholders and customers of MAFF	Research, Livestock, Extension & Research, Food, Forestry, Quarantine
	Capacity Development &	Meetings and trainings	Research, Livestock,

Inst	itutional Support Services	with	relevant	Extension	&Women
		stakeholders	and	Research,	Food,
		customers of N	IAFF	Forestry, Qu	arantine
Cor	mpetitiveness & Agricultural	Identifying cu	rrent and	Research,	Livestock,
Pro	duction Services	future needs	of the	Extension	&Women
		sector		Research,	Food,
				Forestry, Qu	arantine
Clir	mate Smart & Resilient	On-going pro	motion of	Research,	Livestock,
		climate sm	art and	Extension	&Women
		resilient a	gricultural	Research,	Food,
		practices		Forestry, Qu	arantine
Res	ilient and Sustainable	On-going pro	motion of	Research,	Livestock,
Res	ource Services	resilient and s	ustainable	Extension	&Women
		resource service	es	Research,	Food,
				Forestry, Qu	arantine

2.2 Ministry Organizational Structure



2.3 Summary of MAFF Planned Major Reforms merge

For 2019/20 MAFF planned major reforms include:

- a) Divide the Sustainable Agriculture Division;
- b) the re-establishment of the former divisions of i) research; ii) livestock; and iii) extension and women development; and
- c) the re-establishment of the Policy and Planning Division by separating these functions from the existing Corporate Services Division.

3. Ministry Budget and Staffing

To deliver the MDA Outputs to the standards set out for each division/sub-program the overall budget, summarized in Table 7 and staff, summarized in Table 8 are required :

Table 7: MAFF Budget by Recurrent, Development and item (cash & in-kind – millions)

Expenditure Item (\$m)	2018/19 budget	2018/19 revised	2019/20 budget	2020/21 projection	2021/22 projection
Established Staff (10xx)	5,214,400	5,351,800	5,361,200	5,344,600	5,611,830
Un established Staff (11xx)	403,400	639,100	448,900	493,790	518,480
Travel and Communication (12xx)	416,300	502,000	390,800	390,800	390,800
Maintenance and Operations (13xx)	637,400	1,059,600	856,300	941,930	989,027
Purchase of Goods and Services (14xx)	1,139,900	2,428,900	2,137,600	2,351,560	2,468,928
Grants and Transfers (15xx)	206,000	211,900	257,400	283,140	297,297
**Assets (20xx)	160,600	600,600	847,100	961,510	1,009,586
Total MAFF Operation Recurrent	8,178,000	10,793,900	10,326,300	10,767,130	11,285,947
Total Expenditure Recurrent	8,178,000	10,793,900	10,326,300	10,767,130	11,285,947

Notes:

- 1. 'Established and Unestablished staff' is all expenditures under CATs 10 and 11
- 2. 'Ministry Operational Costs' is, for Programs 1, 2 and 3, all expenditures under CATs 12, 13, 14.
- 3. 'Assets' is expenditures under CAT 20.
- 4. 'Services on behalf of the Government' includes all Expenditures under Program 4 General Fund, Program 5 Debt Management and all expenditures from CATs 15, 16, 17, 18, 19, 21, and 22.

Table 8: Ministry Total Staff by Key Category

Category	2017/18 provisional	2018/19 revised	2019/20 budget	2020/21 proj.	2021/22 proj. 2
Established Staff					
Executive Officer (Level 0 to2)	11	11	12	12	12
Professional Staff (Level 3 to 9)	52	52	53	53	53
Other Staff (Level 9A to 14A)	118	118	141	141	141
Total Established Staff	181	181	206	206	206
Unestablished Staff	40	110	80	70	60
Total Staff	221	291	286	276	266
Total Recurrent Cost (\$m)	5,617,800	5,990,900	5,810,100	5,838,390	6,130,310

4. Program

4.1 Program 18.1: Leadership and Management Roles

Link to last CP&B	Ongoing	Minor	Major	New
		change	Change	

Division(s)/ Sub-Programs Responsible

There are four Sub-Programs in this Program: i) the Office of the Minister; ii) Office of the CEO; iii) Policy and Planning Division; and iv) the Corporate Services Division. The major change is the separation of the Policy and Planning Division from the Corporate Services Division.

Subprogram 1.01 Office of the Minister

Output: Office of the Minister -L	eadership and Management I	Role				SDG/T	ΓSDF	
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Submit CP/AMP to LA for approval	Approved CP/AMP by LA	1	1	1	1	2.a	2.a.1	83,700
Submit Budget for approval by LA	Approved Budget by LA	1	1	1	1	2.a	2.a.1	83,700
Submit Annual Report for Approval by LA	Approved Annual Report by LA	1	1	1	1	2.a	2.a.1	83,700
Submit Acts and Regulations for approval by LA	Approved Act and Regulation by LA	1	2	2	1	2.a	2.a.1	83,700

Subprogram 1.02 Office of the CEO

Output: Office of the CEO -Leadership and Management Role				SDG/TSDF				
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Produce CP&B	CP/AMP and Budget presented to the Minister	1	1	1	1	2.a	2.a.1	41,240
Produce Annual Report	Annual Report presented to the Minister	1	1	1	1	2.a	2.a.1	41,240
Achieve MAFF's targets within budget	MAFF's target achieved within the budget					2.a	2.a.1	103,100
Improve execution of PMS	PMS execution improved	80%	90%	95%	99%	2.a	2.a.1	20,620

Subprogram 1.03: Corporate Services Division : **Key Performance Indicators**

OUTPUT: Administration Sub-Output: Human Resource	e Management and Development						SDG/TSD	Budget
ACTIVITY	KPI	2018/19	2019/20	2020/21	2021/22	Targets #	Indicators #	
	Number of MAFF Scholarships received	4	6	8	10	2.a	2.a.1	24,604.17
Formal Trainings	Number of MAFF trainings achieved annually	20	30	30	40	2.a	2.a.1	24,604.1
Formai Trainings	Number of certificates awards annually	600	900	900	1200	2.a	2.a.1	24,604.1
	Number of Training Reports received	40%	60%	80%	95%	2.a	2.a.1	24,604.1
	Percentage Timeliness & Accuracy	75%	85%	95%	100%	2.a	2.a.1	19,683.3
	Staff participation	80%	90%	95%	100%	2.a	2.a.1	19,683.3
PMS Management	Percentage PMS Forms be ready in time	90%	95%	98%	100%	2.a	2.a.1	19,683.3
Wis Wanagement	Percentage Conveyance of PSC issues regarding PMS Management services to MAFF Divisions	80%	90%	95%	100%	2.a	2.a.1	19,683.3
	Percentage of PMS Trainings achieved	80%	90%	95%	100%	2.a	2.a.1	19,683.3
	Number of new staff recruited	5	8	12	15	2.a	2.a.1	32,805.5
Staff Recruitments	Percentage of Staff induction process follow up	50%	60%	80%	90%	2.a	2.a.1	32,805.5
nan Reciuminis	Timeliness Percentage	50%	60%	80%	90%	2.a	2.a.1	32,805.5
staff Management	Percentage of staff management policies enforcement	30%	50%	70%	80%	2.a	2.a.1	24,604.1
	Percentage of Internal	20%	50%	70%	80%	2.a	2.a.1	24,604.1

Review of Staff Job Descriptions	training to new staff conducted Percentage of regular communications to update staff policy issues Percentage of Monthly Reports received Number of review/year of every staff's JDs to match his/her actual	80% 60%	90% 80%	95% 90%	100% 100%	2.a 2.a 2.a	2.a.1 2.a.1	24,604.17 24,604.17 98,417
OUTPUT: Logistics	responsibilities, skill, and personal attributions	0070	7070	7070	7770			
Sub-Output: Annual Report Compile	ations					SDG/7	TSDF	Budget
Activity	KPI	2018/19	2019/20	2020/21	2021/22	Targets #	Indicators #	
Collections and Publications	Timeliness in submission at due dates	20%	60%	80%	90%			98,417
OUTPUT: FINANCIAL, ASSETS, Sub-Output: Financial, Assets and		EMENTS AN	D INTERNA	L CONTR	OL	SDG/7	TSDF	Budget
ACTIVITY	KPI	2018/19	2019/20	2020/21	2021/22	Targets #	Indicato rs#	
Training	% of appropriate staff (clerks) trained on Financial Management	40%	60%	80%	100%	2.a	2.a.1	26,250
Training	Number of trainings on Financial Management conducted	0	2	4	4	2.a	2.a.1	26,250
Monthly Reporting	Regular monthly reporting to update Senior levels	0	10	12	12	2.a	2.a.1	52,500
Monitoring and Follow up of Financial uses	Maintain strengthening of Financial monthly reports from Divisions and O/Islands	0	12	12	12	2.a	2.a.1	26,250
	Conduct weekly financial meetings of HODS	20	30	40	50	2.a	2.a.1	26,250

Budget Management and	Number of Budget monitoring and review (quarterly)	2	4	4	4	2.a	2.a.1	26,250
Monitoring	Number of reporting (quarterly)	2	4	4	4	2.a	2.a.1	26,250
A seed Management	Conduct asset counts every year	0	1	2	2	2.a	2.a.1	26,250
Asset Management	Monthly monitoring of assets	0	9	11	12	2.a	2.a.1	26,250
	% timeliness & accuracy in processing of all MAFF procurements	80%	90%	95%	100%	2.a	2.a.1	17,500
Asset Procurement	% of procurement plans received in time from other divisions for processing	60%	80%	90%	100%	2.a	2.a.1	17,500
	% Compliance with procurement policies	80%	90%	95%	100%	2.a	2.a.1	17,500
OUTPUT: Information Technology Sub-Output: Efficient MAFF Comp		e Media Servi	ices			SDG/TS	DF	Budget
ACTIVITY	КРІ	2018/19	2019/20	2020/21	2021/22	Targets #	Indicato	
							rs#	
Improving and upgrade current	Percentage internet coverage by a MAFF private internet network system	< 30%	<80%	90%	100%	2.a	2.a.1	27,650
Improving and upgrade current computer networking	coverage by a MAFF private internet network	< 30%	<80% 100%	90%	100%	2.a 2.a		27,650
	coverage by a MAFF private internet network system Percentage achievements in connecting of CSD, QQMD and Food Div. into one area network Number of successful databases achieved and operated						2.a.1	55,300
computer networking Creating of various MAFF	coverage by a MAFF private internet network system Percentage achievements in connecting of CSD, QQMD and Food Div. into one area network Number of successful databases achieved and operated Percentage of people enjoy and admire MAFF website	0	100%	100%	100%	2.a	2.a.1 2.a.1	55,300
Creating of various MAFF databases	coverage by a MAFF private internet network system Percentage achievements in connecting of CSD, QQMD and Food Div. into one area network Number of successful databases achieved and operated Percentage of people enjoy	5	100%	100%	100%	2.a 2.a	2.a.1 2.a.1	55,300

	produced							
	Number of different publications achieved	3	5	8	10	2.a	2.a.1	27,650
MAFF Publications	Percentage of admirers and fans of all MAFF media services	25%	40%	70%	100%	2.a	2.a.1	27,650
Computer hardware and software services	Percentage of annual computer equipment breakdowns and failures	15%	10%	7%	5%	2.a	2.a.1	55,300
OUTPUT: Agricultural Show Sub-Output: Annual Agricultural S	Show Protocol and Financial S	upervision				SDG/TS	DF	Budget
	Show Protocol and Financial S	upervision 2018/19	2019/20	2020/21	2021/22	SDG/TS Targets #	DF Indicato rs#	Budget
Sub-Output: Annual Agricultural S		^	2019/20 90%	2020/21 95%	2021/22 100%	22 01 22	Indicato	Budget 297,700
Sub-Output: Annual Agricultural S ACTIVITY	KPI Percentage Timeliness and	2018/19				Targets #	Indicato rs#	

Subprogram 1.04: Policy and Planning Division

Output: Policy and Planning -Le	adership and Management Ro	ole				SDG/7	FSDF	
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Introducing the project cycle	Training for HODs to improve development project planning	0	1	2	2	2.a	2.a.1	20,000
Produce MAFF CP&B	Final CP&B submitted to CEO	1	1	1	1	2.a	2.a.1	20,000
Produce MAFF AMP	Final AMP submitted to CEO	1	1	1	1	2.a	2.a.1	20,000
Develop (and on-going revision of) a project monitoring and evaluation system	Project monitoring & evaluation system in place	0	1	2	4	2.a	2.a.1	15,000
Establish Project Review Committee (PRC)	Project Review Committee in place	0	1	0	0	2.a	2.a.1	16,800
Meetings of PRC	PRC Meetings arranged and conducted	0	4	6	12	2.a	2.a.1	15,000
Produce project proposals to seek donor fund	Project proposals to seek donor fund completed	0	2	2	3	2.a	2.a.1	15,000
Conduct Annual Crop Survey	Complete Annual Crop Survey	1	2	3	4			20,000

Produce marketing and trade reports	Marketing and trade reports produced	0	1	2	3	2.a	2.a.1	15,000
Conduct training for HODs to improve policy and project planning	Complete training for HODs to improve policy and project planning skills	0	1	1	1	2.a	2.a.1	15,000
To meet with Aid and Planning Divisions of MFNP on recurrent budget	Meeting with AID and Planning divisions on the recurrent rev & expenditure	0	1	1	1	2.a	2.a.1	15,000
Review existing acts and legislations	Complete revisions of existing acts and legislations	1	3	2	1	2.a	2.a.1	15,000
Consolidate all acts and legislations	On-going preparation	1	1	1	1	2.a	2.a.1	15,000
	Complete consolidation	0	0	0	1	2.a	2.a.1	0
Disaster Management Recovery	Food Cluster in operation	1	1	1	1	2.a	2.a.1	15,000
Draft Professional Contracts Agreement	Drafts completed	2	5	10	15	2.a	2.a.1	15,000

4.2 Program 18.2: Agriculture & Forestry Development

Sub-Programs

There are 6 divisions with responsibilities for Program 18.2 Agriculture and Forestry Development. They are:

- i) Research Division;
- ii) Quarantine and Quality Management Division;
- iii) Forestry Division;
- iv) Food Division
- v) Livestock Division; and
- vi) Extension and Women Division;

Sub-Program 2.01: Research Division

Output: Research -						SDC	G/TSDF	
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Soil testing of major agricultural soil types	Soil fertility report	0	0	1	1	2.a	2.a.1	0
Crop/legume rotation trial		0	0	1	1	2.a	2.a.1	0
Conservation of food crops (staples)	Collection established for food crops (Annex I Plant Treaty)	0	25	25	25	2.a	2.a.1	147,800
Develop soil portal	Soil fertility applications determined	0	3	3	1	2.a	2.a.1	147,800
Visit of consultant	Consultant visited	0	1	1	1	2.a	2.a.1	55,600
Consultation with ministry's staff and farmers	Consultation completed	0	1	1	1	2.a	2.a.1	55,600
Promote edible aroids – bananas, cassava, coconut	Crop conservation strategy developed	1	2	3	4	2.a	2.a.1	0
Estimate CRB, PWS, Cassava mealy bugs and scale, B.tabacci	Biological and management strategy established	0	4	5	4	2.a	2.a.1	107,800
New lab benches/storage space procurement of chemicals/agar, lab equipment and materials	Complete upgrade of labs (soils/pathology/entomology)	0	1	1	1	2.a	2.a.1	240,000
Plant disease survey Tongatapu, Vava'u, 'Eua (Aug/Sept)	Survey completed	0	0	1	0	2.a	2.a.1	0
Samples from farmers diagnose by culture, microscopy ELISA recommending for control	Samples obtained	0	1	1	1	2.a	2.a.1	107,800

Training of trainers and farmers, pesticides rate, disease/pest recognition, field/classroom (theory) training	Trainings completed	0	0	1	1	2.a	2.a.1	0
Development of training manual for MAFF staff	Training materials (hardcopies/electronic) completed	0	0	0	1	2.a	2.a.1	0
Field trial 'holistic approach' best practice: source material, nursery propagation, treatments, monitoring pests/diseases, data analysis, documents	Guidelines on organic production of kava and vanilla produced	0	0	0	1	2.a	2.a.1	0
Applied research: new varieties evaluated (nursery/field), e.g., watermelon, cultural control methods tested, e.g., plant spacing, IPM strategies, monitoring, data analysis, weather forecasting systems – disease risk assessment	Clime resilient crop management strategies identified and developed	0	1	1	1	2.a	2.a.1	107,800

Sub-Program 2.02: Quarantine and Quality Management Division

Output: Quarantine & Qualit	y Management -					SDG	SDG/TSDF	
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets#	Indicators #	Budget
Conduct financial management training	Complete financial management training	0	1	2	4	2.a	2.a.1	50,000
Preparation of budget, CP & AMP	Annual budget, CP & AMP completed	0	1	1	1	2.a	2.a.1	50,000
Review appropriate act and regulations	Revised act and regulations approved by CEO	0	1	1	1	2.a	2.a.1	50,000
Increase revenue by enforcing regulation	2-fold increase in revenue (\$2 million)	50%	55%	60%	65%	2.a	2.a.1	50,000
Process Draft Regulation	Draft Regulation processed	0%	50%	65%	100%	2.a	2.a.1	50,000
Assist with the implementation of the agricultural shows.	Successful implementation of the 6 agricultural shows.	0%	10%	15%	25%	2.a	2.a.1	30,000
Promote excellence, competitiveness and new ideas to inspire and motivate younger generation and future farmers	Excellence, competitiveness and new ideas to inspire and motivate younger generation and future farmers being promoted	0%	10%	25%	50%	2.a	2.a.1	50,000
Acquire new x-ray machine	X-ray machine in place	0	1	0	0	2.a	2.a.1	180,000
Achieve interceptions	Interceptions achieved	25%	20%	15%	10%	2.a	2.a.1	200,000
Reduce new exotic pests on crops and livestock getting through to Tonga.	New exotic pests on crops and livestock getting through to Tonga reduced	3	2	1	0	2.a	2.a.1	200,000

Reduce rejected consignments and containers from destination country	Consignments and containers from destination country reduced	15	10	5	1	2.a	2.a.1	148,100
Approve new markets for new export produces	New markets for new export produces approved	0	1	2	3	2.a	2.a.1	400,000
Develop Export Certification system	Export Certification system completed	0	1	1	1	2.a	2.a.1	400,000
Submit documents and reports to CEO in time	Documents and reports submitted in time to CEO	25%	50%	75%	95%	2.a	2.a.1	70,000
Process PMS assessment	PMS assessment completed	5 days late	On time	On time	On time	2.a	2.a.1	10,000

Sub-Program 2.03 Forestry Division

Output: Forestry: Play proactive	Output: Forestry: Play proactive role in the management of biodiversity and environment conservation							
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Rehabilitation of 'Eua Watershed catchment area.								0
Farmland area (acres) with								0
integrated agro-system								
management practice								
Produce tree seedlings	Tree seedlings (sandalwoods,	20,000	60,000	60,000	60,000			375,800
(sandalwood, ornamental,	ornamental, indigenous, timber &							
indigenous timber, and fruit trees	fruit trees) produced							

Output: Forestry: Strengthening the status of National Food Security, Public Relation, and Training					SDG/TSDF			
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget

Improve tree growers capacity	Tree growers capacity improved	0	100	100	100	2.a	2.a.1	32,000
Conduct forestry community trainings	Forestry community trainings conducted	0	4	8	12	2.a	2.a.1	32,000
Mainstreaming of Forestry- related policies and regulation via TV. Programs.	Forestry related policies and regulations mainstreamed via TV programs.							0
Improve the capacity of Human Resource and consistent Divisional communication and increase the resiliency of the FoD Compound.	Budget, CP & AMP completed	50%	60%	80%	95%	2.a	2.a.1	0
Strengthening the status of National Food Security, Public Relation and Training	Community meetings in each island locality attended by staff from the Division.	0	6	6	6	2.a	2.a.1	46,500
Strengthening the status of National Food Security, Public Relation and Training	Coconut seed nuts produced for Tongatapu TC Gita Recovery Process.	0	32,000	32,000	32,000	2.a	2.a.1	120,000
Improve coconut varieties.	Import new coconut varieties	0	0	0	0	2.a	2.a.1	0
Training on "Best Farming Practice of Coconut: A Tongan Context" for MAFF Staffs.	"Best Farming Practice of Coconut for MAFF staffs completed	0				2.a	2.a.1	0
Producing a video/documentary "Best Farming Practice of Coconut: A Tongan Context" to be aired on national TV.	Video/documentary "Best Farming Practice of Coconut: A Tongan Context" aired on national TV	0				2.a	2.a.1	0
Conduct radio awareness programs regarding forestry and tree planting	Radio awareness programs on forestry and tree planting.	2	4	4	4	2.a	2.a.1	3,000

Conduct television awareness programs on sandalwood and tree crafting	1 0	0	2	2	2	2.a	2.a.1	3,000
Produce brochure etc. explaining "Principal 2 of the Samoa Pathway"	-	0				2.a	2.a.1	0
Reduce complains from public	Complains from public reduced		By 10%	By 10%	By 10%	2.a	2.a.1	10,000

Output: Forestry: Improve the c the FoD Compound	apacity of Human Resource and Divi	sional Commu	nication and in	crease the res	iliency of	SDG/TSDF		Budget
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Upgrade/repair of nurseries in Tokomololo	Nurseries upgraded/repaired	0	1	1	1	2.a	2.a.1	66,200
Upgrade fences at FD main office in Tokomololo	Fences upgraded.	0	1	0	0	2.a	2.a.1	40,000
Improve mobility of nursery seedling production	3-ton truck purchased	0	1			2.a	2.a.1	70,000
	4WD vehicle for seedling production and M&E purposes purchased	0	1					70,000
Timely submit of CP/AMP and budget to CEO	CP/AMP and budget submit on time to CEO	50%	60%	80%	95%	2.a	2.a.1	0
Timely submit of procurement plan	Submit procurement plan in time	60%	70%	80%	98%	2.a	2.a.1	0
Timely submit Annual Report to CEO	Annual Report submitted in time to CEO	60%	65%	85%	95%	2.a	2.a.1	0
Create robust filing system	Robust filing system established	25%	75%	95%	99%	2.a	2.a.1	0

Explore and liaise with CSD for the creation of a centralized database.	Centralized database created	0	0	0	0			0
Timely completion of all Forestry Staff PMS Assessment	All Forestry Staff PMS Assessment completed in time	65%	75%	85%	99%	2.a	2.a.1	0
Create of a Forestry M&E Officer post.	Forestry M&E Officer post created	0	1	0	0			25,000
Fill vacant posts inside the same FY	Vacant posts to be filled inside the same FY	3	100%	100%	100%	2.a	2.a.1	10,000
Increase the capacity of nursery (i.e. seedling stock) by 25%.	Capacity of nursery increased (i.e. seedling stock) by 25%.	0	0	50%	100%	2.a	2.a.1	100,000
Established of Tonga Natural Forest-holder Cooperative.	Tonga Natural Forest-holder Cooperative established	0	1	0	0	2.a	2.a.1	20,000
Complete the National Forestry Inventory (NFI) of Tonga.	National Forestry Inventory (NFI) of Tonga completed	0	1	0	0			20,000
Installation of diesel back-up generator.	Diesel back-up generator installed	0	1	0	0			40,000

Output: Forestry: Enhance Forestry Sustainability, Innovation and strong M&E approach						SDG/TSDF		Budget
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Conduct M&E of coconut seednuts	M&E of coconut seed-nuts being deployed.	0	100%	100%	100%			89,000
Create coconut demo plots.	10 8acres coconut demo plots established	0	4	8	10			88,800
Create exotic FT demo plots.	10 4acres exotic FT demo plots established	0	3	3	10			89,000

Sub-Program 2.04 Food Division

Output: Food - Compliance to Food Safety and Fair Trade Services Sub-output: 1.0 Healthy Communities and safe food for consumers						SDG/TSDF		
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Protect consumers through implementation of Food Act 2014, Food Bill 2019 & Food Regulations 2019	No. of public awareness programs on radio, TV, text messages on phone /annum	38	50	50	50	2.a	2.a.1	5,000
	No. of awareness programs to schools /annum	27	35	35	40	2.a	2.a.1	5,000
	No. of awareness programs to communities, ministries /annum	22	30	30	30	2.a	2.a.1	5,000
	No. of consultations with food stakeholders /annum	2	10	15	15	2.a	2.a.1	5,000
Submission of Food Bill 2019 to cabinet and LA	Approved Food Bill 2019 by cabinet & LA by end 2019 FY	0	1	0	0	2.a	2.a.1	14,000
Development of Food regulations	Approved Food Regulations by cabinet by end 2019 FY	0	1	0	0	2.a	2.a.1	14,000
Food safety clearance at the border	Monthly report of Food Safety clearance at QSW	0	12	12	12	2.a	2.a.1	14,000
Enforcement and monitoring of Food Safety	Monthly report of Inspection Task Force Enforcement	10	12	12	12			14,000
	At least 80% of food businesses inspected in TBU, Vv, Eua, Hp (including Nomuka, Ha'afeva), NTT, NF per annum	> 60%	> 80%	> 90%	> 95%	2.a	2.a.1	14,000
	At least 4 Trainings of Food Inspectors on enforcement and monitoring / annum	2 0070	2 3070	7 7070	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.a	2.a.1	6,000
	6 · · · · · ·	2	4	4	4			

	At least 4 trainings for Food businesses per annum at TBU, Vv, Hp, Eua/annum	2	4	4	4	2.a	2.a.1	6,000
	No. of public awareness programs on radio, TV, text messages on phone /annum		50	60	60	2.a	2.a.1	5,000
Increased communities and schools awareness on the	No. of awareness programs to schools /annum	27	35	35	40	2.a	2.a.1	5,000
importance of food safety and food act	No. of awareness programs to communities, ministries /annum	22	30	30	30	2.a	2.a.1	5,000
	No. of consultations with food stakeholders /annum	2	10	15	15	2.a	2.a.1	5,000
Promotion and maintenance of healthy lifestyle	Monthly report of staff health screening	2	10	12	12	2.a	2.a.1	14,000
Celebration of World Food Day (WFD)	WFD Report / annum	1	1	1	1	2.a	2.a.1	50,000
Conduct Skills and Capacity building	Trainings for food businesses, importers, exporters, stakeholders /annum	4	10	12	12	2.a	2.a.1	15,000

Output: Food - Increase Con Sub-output 2.0: Food Value a Sub-output 3.0: Pack house at	SDG/TSDF							
Activity:	2021/22	Targets	Indicators	Budget				
		(baseline)				#	#	
Promotion of manufacturing,	At least 2 new agro-products	t least 2 new agro-products						14,000
processing & product	developed and disseminated to							
development	local partners by 2020	3						

At least 3 new agro-processing equipment procured (including freezer) per annum Trainings for staff and stakeholders in TBU, Vv, Hp& Eua / annum At least one part of Agro-processing development to using local ingredients (food, fruits and vegetables, etc) Packing Facilities Pack house equipment Pack house equipment Trainings of exporters, small farmers, pack house workers, and some other relevant cupinput for data collection, analysis) per annum No. Trainings for pack house workers, and larger-processing development to using local incredients (food, fruits and vegetables, etc) Pack house equipment At least 3 new agro-processing facility of Food Division is upgraded / annum O completed O O O 2.a 2.a.1 3,550 O 4 4 4 6 6 O 2.a 2.a.1 3,550 O 4 6 6 O 2.a 2.a.1 3,550 O 4 6 6 O 6 6 O 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1		T		Т			
freezer) per annum Trainings for staff and stakcholders in TBU, Vv, Hp& 2 6 6 6 8 At least one part of Agroprocessing facility of Food Division is upgraded / annum At least one part of Agroprocessing facility of Food Division is upgraded / annum O completed O O O Trainings for staff and stakcholders in TBU, Vv, Hp& 0 Completed O O O Trainings of exporters, small No. Trainings for pack house coupled by per annum O Salo and TV promotion programs on agro processing / annum O A A A G G G O A A A G G G O A A A G G G O O Completed O O O Trainings of exporters, small No. Trainings for pack house O A A A G G G O O Completed O O O Trainings of exporters, small No. Trainings for pack house O A A A G G G O O Completed O O O O A A A G G G O O O COMPLET OF COMPLET							2.a	2.a.1	26,400
Trainings for staff and stakeholders in TBU, Vv, Hp& Eua / annum At least one part of Agroprocessing facility of Food Division is upgraded / annum Trainings for staff and stakeholders in TBU, Vv, Hp& Eua / annum Trainings for staff and stakeholders in TBU, Vv, Hp& Eua / annum Trainings for staff and stakeholders in TBU, Vv, Hp& Eua / annum No. Radio and TV promotion programs on agro processing / annum / an									
stakeholders in TBU, Vv, Hp& Eua / annum At least one part of Agro-processing facility of Food Division is upgraded / annum At least one part of Agro-processing facility of Food Division is upgraded / annum Trainings of exporters, small **Reconstruction and upgrading of pack house equipment procured per annum; - pecling machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, 2 truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small **At least one part of Agro-processing facility of Food Division is upgraded / annum 2		. •	0	3	3	1			
Eua / annum		. 6					2.a	2.a.1	5,000
At least one part of Agrophrocessing facility of Food Division is upgraded / annum Trainings for staff and stakeholders in TBU, Vv, Hp& Eua / annum No. Radio and TV promotion programs on agro processing / annum No. Radio and TV promotion programs on agro processing / annum Wegetables, etc) Packing Facilities We Reconstruction and upgrading of pack house completed by December 2019 Quality / Standards We Confirmed HACCP certified by Dec 2019 We of the following equipment procured per annum; pecling machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house			2			0			
Al least one part of Agro- processing facility of Food Division is upgraded / annum Trainings for staff and stakeholders in TBU, Vv, Hp& development to using local ingredients (food, fruits and vegetables, etc) No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion programs on agro processing // Annum No. Radio and TV promotion 100% 100% 100% 100% 100% 100% 100% 100% 2.a 2.a 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.1 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.2 2.a.1 2.a.2 2.a.1 2.a.2 2.a.1 2.a.1 2.a.2 2.a.1 2.a.1 2.a.2 2.a.				6	6	8	2.0	2 0 1	
Division is upgraded / annum Completed Completed							2.a	2.a.1	
Encourage agro-processing development to using local ingredients (food, fruits and vegetables, etc) Packing Facilities We Reconstruction and upgrading of pack house equipment Pocured per annum; - peeling machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for staff and stakeholders in TBU, Vv, Hp& Do									
Encourage agro-processing development to using local ingredients (food, fruits and vegetables, etc) Packing Facilities We Reconstruction and upgrading of pack house completed by December 2019 Quality / Standards We Confirmed HACCP certified by Dec 2019 Where the following equipment procured per annum; - peeling machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house		Division is upgraded / annum	0	completed	0	0			
development to using local ingredients (food, fruits and vegetables, etc) No. Radio and TV promotion programs on agro processing / annum No. Radio and TV promotion programs on agro process							2.a	2.a.1	3,550
ingredients (food, fruits and vegetables, etc) No. Radio and TV promotion programs on agro processing / annum No. Radio annum / a 6 6 6 2.a 2.a.1 1,000,000 2.a 2.a.1 2.a.1 60,000 2.a 2.a.1 60,000 2.a 2.a.1 10,000 2.a 2.a.1 10,0	Encourage agro-processing								
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Quality / Standards We Confirmed HACCP certified by Dec 2019 Soft the following equipment procured per annum; - peeling machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house	Packing Facilities								
Quality / Standards % Confirmed HACCP certified by Dec 2019 % of the following equipment procured per annum; - peeling machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house % Confirmed HACCP certified by Dec 2019 90% 100% 100% 100% 2.a 2.a.1 60,000 100% 100% 100% 2.a 2.a.1 10,000		December 2019	10%	100%	0	0			
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procured per annum; - peeling machine, washing machine, washing bin, conveyor belt, collection bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house		,	90%	100%	100%	100%			10.000
Pack house equipment It is a some other relevant equipment (including 1 computer for data collection, analysis) per annum Pack house equipment Pack hou							2.a	2.a.1	60,000
Pack house equipment Solution bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house No. Trainings for pack house Pack house equipment Solution Solut									
Pack house equipment Collection bins, forklift, standby generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house No. Trainings for pack house 100% 100% 100% 2.a 2.a 2.a.1 10,000		, ,							
Pack house equipment generator, stainless tables, electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house 12 12 12 12									
electronic weighing scales, 2t truck, and some other relevant equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house	Pack house equipment	•	0%	80%	100%	100%			
equipment (including 1 computer for data collection, analysis) per annum Trainings of exporters, small No. Trainings for pack house 12 12 12 12 12 12 12 12 12 12 12 12 12 1	* *								
computer for data collection, analysis) per annum No. Trainings of exporters, small No. Trainings for pack house 12 12 12 12 12		,							
analysis) per annum Trainings of exporters, small No. Trainings for pack house 12 12 12 12 12 12 12 12 12 12 12 12 12 1									
Trainings of exporters, small No. Trainings for pack house 2.a 2.a.1 10,000									
Trainings of exporters, small No. Trainings for pack house		anaiysis) per annum					2.0	2 o 1	10,000
farmers, pack house workers, workers per annum			4	12	12	12	2.a	2.4.1	10,000
	farmers, pack house workers,	workers per annum	•						

reduirements 1000 preparation 1		2	4	4	4			3,000
packing, labeling, for export	No. Trainings for Food Inspectors per annum	4	4	4	4	2.a	2.a.1	3,000

_	Output: Food - Agriculture Information, Knowledge, Advisory, Planning and Policy Services Sub-output 4.0: Assets and Human Resource Management and Development							
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Cabinet / Parliament	At least Food Bill 2019 is endorsed by cabinet or parliament or both by end of 2019 FY	0	1	0	0	2.a	2.a.1	26,400
submission	Food Regulation endorsed by Cabinet by end of 2019 FY	0	1	1	0			26,400
PMS	% of PMS staff evaluation forms completed by end of 2019 FY	100%	100%	100%	100%	2.a	2.a.1	26,400
Staff Trainings and Capacity Building (local & overseas) on	% of staff participated in local trainings / annum	100%	100%	100%	100%	2.a	2.a.1	26,400
PSC staff guidelines, PMS and Food Safety issues	% of staff participated in overseas trainings including scholarships / annum	80%	90%	100%	100%	2.a	2.a.1	26,400
Staff vacancies, new posts & Recruitments	No. of permanent posts filled, recruited, established from the following posts; 1 PAO, 1 SAO, 1 TOI, 1 TOII, 4 SAA, 2 AA, and 10 contract DPs for pack house /annum	2	5	5	3	2.a	2.a.1	26,400
	No. recruited as Contract Daily Paid to work at pack house	0	10	10	10	2.a	2.a.1	26,400
Food Division Corporate Plan & Budget	Timely submission	1	1	1	1	2.a	2.a.1	26,400

Food Division Annual Report	Timely submission	1	1	1	1	2.a	2.a.1	26,400
Assets management	Monthly updated asset report including procurement of 1 computer	8	12	12	12	2.a	2.a.1	27,300

Sub-Program 2.05: Livestock Division

Key Performance Indicators

Output: Livestock	utput: Livestock							
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Animal health clinic is functioning	Recording the number of cases treated monthly and report to HOD.	3,000	3,300	3,600	4,000	2.a	2.a.1	50,000
Prevention of bird flu, mad cow and disease from entry at the brooder	Recording permit issued. Continue assessment at the border on arrival.					2.a	2.a.1	50,000
Produce manual for Pigs, Poultry, Cattle, Sheep husbandry and management	Manuals to work and complete	0	2	3	4	2.a	2.a.1	50,000
Conduct skills and capacity building trainings	Farmer / 10 training for farmers 5 training to outer islands	10	15	15	15	2.a	2.a.1	30,000
Promote SPAW visits	Outer islands outreach	0	3	4	5	2.a	2.a.1	30,000
	Texting, TV program and radio	4	6	8	10			19,700
	Public awareness campaign	0	2	3	4			15,000
Conduct staff trainings and capacity building	Staff trainings completed	0	5	5	5	2.a	2.a.1	50,000
Vet recruitment	Recruitment of a vet through sources like VSA Program, and other sources	0	1	1	1	2.a	2.a.1	20,000
Improving pasture development	Criteria met; demonstrate seed	0	3	7	10	2.a	2.a.1	50,000

	planting;							
	Seed planting demonstration plot established	0	3	7	10			50,000
	Farmers training completed	7	10	12	12			30,000
	Distribution to farmers closely monitored							30,000
Promotion of backyard livestock production	Chicks distributions conducted	30,000	20,000	20,000	20,000	2.a	2.a.1	50,000
production	Annual duckling distributions	3000	4000	5000	5000			30,000
Install AI facility.	AI facility installed	0	1	0	0	2.a	2.a.1	16,000
Improve breed through importing livestock from abroad	Live animals (pigs, sheep, and goats) imported from Fiji, NZ and Aust	0	1	0	0	2.a	2.a.1	280,000
	Production and offspring recorded to avoid inbreeding	0	1	1	1			30,000
Promoting new initiatives to motivate youths on livestock	Youths trainings completed	0	3	7	12	2.a	2.a.1	30,000
farming	Competitions(poultry confined system, pig confined management, building of small piggeries) completed	0	1	1	1			30,000
	Livestock week competition for youths (youth float, designing best livestock promotion sign board) conducted	0	1	1	1			50,000
Promote sheep production to distribute to farmers	Record sheep distribution and follow-up result and produce report	30%	50%	70%	100%	2.a	2.a.1	50,000
Conduct disease survey	Disease survey report	0	1	0	0	2.a	2.a.1	50,000

Sub-Program 2.06: Extension and Women Development Division

Key Performance Indicators

Goal: Improve Food Security and Livelihood of Households in Tonga

Purpose: Effective Crop Extension Services

Output: Improve human resource capacity, Restakeholders	source Mobilised, Ma	anagement s	kill and pa	rtnership v	vith	SDC	G/TSDF	
Activity:	KPIs	2018/19 (baseline)	2019/20	2020/21	2021/22	Targets #	Indicators #	Budget
Recruit more Extension staff for the seven districts of Tongatapu	9 more additional Extension staff	9	+9	+9	+3	2.a	2.a.1	129,600
Recruit more Women Development staff	7 more additional women and youth development officers	8	+4	+3	+2			100,800
Establish Extension Division database	Extension division database established	0	1	0	0	2.a	2.a.1	5,000
Train staff on database management	6 staff trainings	0	2	2	2	2.a	2.a.1	1,554

On-going collaboration with Research Division	At least 12 meetings	0	12	12	12	2.a	2.a.1	3,000
Vegetable production trainings	25 Vegetable training with reports	9	25	25	25	2.a	2.a.1	19,425
Nutrition and Cooking training	32 Nutrition and cooking trainings with reports	12	32	34	36			24,864
Participate in District Agricultural Committee (DAC), Village Agricultural Committee (VAC)	DAC meetings participated	84	42	58	80			10,000
	VAC meetings participated	840	420	588	798			
Establish on-farm trials	On-farm trials established	0	3	4	4			72,000
Strengthen Farm visit	Farm visit forms printed	0	120	120	120			
Purchase additional vehicles	New additional vehicles purchased	3	2	1	1			140,000
Construct new MAFF Extension centre	New Hihifo MAFF Extension centre established	0	1	0	0			93,645
Strengthen Extension staff capacity	Trainings on Extension methodologies, soil, irrigation, agronomy and agro-forestry to strengthen Extension staff capacity conducted	0	5	5	5			3,900
Distribute bio-asset (chicks) to farmers and follow- up	1 week old chicks distributed annually	4,000	3,500	3,000	3,000			3,000

Conduct training on food safety concern	Trainings on food safety conducted	0	12	12	12		9,600
Undertake crop survey	Crop survey + reports completed	2	3	3	3		3,000
Construct MAFF Haápai Office Complex	New MAFF Haápai office complex constructed	Nil	1	0	0		633,364
Develop women income generating activities	Anthrium orchids seedlings imported	2,000	8,000	8,000	8,000		40,000
Develop climate smart agriculture	District climate smart agriculture developed	0	3	4	3		30,000
Promote handicraft for women development	Acreage panadanus planted and developed	0	1	0	0		10,000
Promote and undertake Royal Agricultural Show	Number of Royal Agricultural Shows completed	6	6	6	6		25,000
Conduct farmers training	Trainings + reports completed	47	25	30	35		19,425
	TO	ΓAL			1		

Annex 1: Detailed Stakeholder Analysis

MAFF's Stakeholders and their Relationships

		Received from	m or Provided to MAFF	
Stakeholder	Customer of MAFF	Supplier to MAFF	Partner with MAFF	Oversight of MAFF
Cabinet	Advice, Recommendations, Information	Decisions	Operating Effectiveness of Government	Direction
LA	Advice, Recommendations, Information	Decisions, Legislation		Direction
MDAs	Advice, Guidance, Instructions, Information	Information	Operating Effectiveness of Government, Support of the TSDF	Oversight by PMO, PSC - Policy, Operations
Public Enterprises	Advice, Guidance, Instructions, Information	Information	Operating Effectiveness of Government, Support of the TSDF	
Businesses	Advice, Guidance, Instructions, Services, Information	Provide Commercial Goods, Services, Fees, Charges	Support of the TSDF, Economic Development	Monitor, Petition
Farmers, Weavers, Producers etc	Advice, Guidance, Instructions, Services, Information	Compliance, Fees, Charges	Support of the TSDF, Economic Development	Oversight Compliance
Exporters, Food Traders & general public	Advice, Guidance, Instructions, Services, Information	Goods, Services, Fees, Charges	Support of the TSDF, Economic Development	Oversight Compliance
General Public	Advice, Guidance, Instructions, Services, Information	Goods, Services, Fees, Charges	Support of the TSDF	Vote, Petition
Development Partners	Advice, Guidance, Instructions, Services, Information	Development Assistance and Advice	Delivery of Aid Funded Programs	Oversight of the Use of Development Funds, General Performance Management

Annex 2 Documents Contributing to MAFF Mandate

Acts and Legislations.

Agricultural Commodities Export Act (1) 2002

- Fruit Export (Buttercup Squash) (Amendment) Regulations 1994
- Fruit Export (Buttercup Squash) Regulations 1993
- Fruit Export (Vanilla) Regulations 1993

• Animal Disease Act (1) 1979

- Animal Diseases ((Amendment) Act 2002
- Amendments (Privy Council) Act 2012

• Birds and Fish Preservation Act (1) 1915

- Birds and Fish Preservation (Amendment) Act 1989

• Copra Act (1)1926

- Miscellaneous Amendments (Privy Council) Act2010

Food Act2014

• Forests Act (1)1961

- Miscellaneous Amendments (Privy Council) Act 2010
- Forest Produce Regulations [1]

• Markets Act [1]1976

- Market Act Notice No. 11995 [1]
- Market Act Notice No. 21995 [1]
- Market Regulations [1]1971
- Talamahu Market Regulations 1995 [1]

Noxious Weeds Act (1) 1917

- amended by... Miscellaneous Amendments (Privy Council) Act 2010
- Proclamation of Noxious Weeds [1]1926

• Pesticides Act (1) 2002

• Plant Quarantine Act (1) 1982

- Miscellaneous Amendments (Privy Council) Act 2010
- Plant Quarantine (Amendment) Act 1995
- Plant Quarantine (Amendment) Act 2009
- Diseases of Plants Regulations [1]1964
- Plant Quarantine Regulations 1995

- Infested Areas Declarations[1]
- Plant Quarantine (Fees) Regulation1997[1]
- Plant Quarantine (Squash and Vanilla) (Fees) Regulations 1992 [1]
- Plant Quarantine Regulations 1995[1]
- Prescribed Treatment for Bunchy Top [1]1968

Pounds and Animals Act [1]1918

- amended by... Miscellaneous Amendments (Privy Council) Act 2010
- amended by...Pounds and Animals (Amendment) Act 1989
- Pounds Establishment Notice[1]

• Rhinoceros Beetle Act [1]1912

- amended by... Miscellaneous Amendments (Privy Council) Act 2010

Policy Decisions and Conventions

- i) Tonga Agriculture Sector Plan;
- ii) Agriculture Census and Statistics;
- iii) National Forest Policy;
- iv) Code of Harvesting Practice for the 'Eua Forestry Plantations 2009;
- v) Code of practice for the sustainable management of the forests and Tree resources of Tonga 2010;
- vi) Crops Compensation;
- vii) Kitchen Policy;
- viii) Kitchen Rules; and
- ix) Sandalwood Policy.

The Ministry is also a member of these international organizations and hence signatories to these affiliated conventions and obligations:

- United Nation Food and Agriculture Organization (FAO)
- FAO International Plant Protection Commission
- FAO OIE
- WHO/FAO Codex Alimentarius Commission
- Secretariat of the Pacific Commission
- South Pacific Regional Environmental Programmes

National Co-ordination services

- i. Agricultural Sector Growth Committee;
- ii. National Livestock Council;
- iii. Tongatapu Vanilla Growers Association;
- iv. Eastern District United Planters Council;
- v. National Growers Council;
- vi. National Food Authority (NFA) & National Food Council (NFC);
- vii. Pesticide Registration Committee;
- viii. Scientific Sub-Committee;
- ix. National Codex Committee Food standards (Act);
- x. Market Authority (Tongatapu);
- xi. Market Authority (Vava'u);
- xii. Market Authority (Ha'apai); and
- xiii. Vava'u Vanilla Association (Vava'u).

National Agriculture Risk Management

- i. Pest Control;
- ii. Plant and Animal Disease Control;
- iii. Food Safety Control;
- iv. Post Cyclone/Disaster Food Recovery Emergency;
- v. Preparedness Plan to Livestock Zoonotic Disease Emergency; and
- vi. Food Security and Livelihood Cluster