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# PATHWAY TO SUSTAINABLE OCEANS (TONGAFISH PATHWAY)

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## PROGRESS REPORT

January-June 2022



Ministry of Fisheries, Sopa 'o Taufa'ahau, Nuku'alofa TONGA  
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## 1. Executive Summary

There is more success during this reporting period than the previous period. The project expedited the Procurement Officer in May, signed the contract for the firm to conduct the Fisheries Infrastructure Investment Master Plan Study and submitted the draft Boats Request for Bid (RFB) document to the World Bank for review.

Despite the recovery from the Hunga Tonga Hunga Ha'apai (HTHH) volcanic disaster on 15<sup>th</sup> January and the restrictions placed due to Covid-19 finally reaching Tonga, the project has utilized every possible resource to achieve the project objective during this reporting period.

The last Implementation Support Mission (ISM) took place in September 2021 and with a technical meeting in June 2022. Weekly catch-up meetings with the Task Team Leader have been very useful in resolving challenges in real time and implementing solutions for overall project improvement. The Central Services Unit (CSU) recruited its Project Manager and has been very cooperative with the project needs.

The PMU continues to strengthen its working relationship with the Implementing Agency- Ministry of Fisheries, Executing Agency- Ministry of Finance through the Central Services Unit (CSU) and relevant stakeholders as demonstrated through the project activities such as SMA development and implementation, compliance measures training and strengthening Fisheries management plans and policies.

## 2. Progress with Component Implementation

### 2.1 Component 1: Strengthening Fisheries Governance

The Fisheries Compliance Division is responsible for Component 1 activities. The trainings planned during this reporting period will be implemented in Year 4 due to Covid-19 restrictions. The Forum Fisheries Agency (FFA) provided technical support for two activities which are i) review and update Tonga National Plan of Action Operational Compliance Strategy and Standard Operating Procedures and ii) E-monitoring and E-reporting feasibility study/Review and update of observer program manual. The project is awaiting confirmation from FFA if these activities are completed and can be identified as cost savings in this component.

The Ha'apai Compliance vehicle should arrive by August 2022. The activities that need additional funding are the sheds and drones. New proposed activities are the VHF radio for offshore fisheries monitoring and surveillance programs; and the ER and EM equipment and training. Once approval of the activities undertaken by FFA is confirmed then cost savings can be identified for the new proposed activities.

The Tonga Maritime Polytechnic Institute issued the approved list for those who passed the Restricted Master Class 6 and are eligible to take the Marine and Ports oral examination for the official Restricted Master Class 6 certification.

### 2.2 Component 2: Strengthening the Knowledge Base for Fisheries and Aquaculture

The Fisheries Science Division is responsible for Component 2 activities. Most trainings planned during this reporting period will be implemented in Year 4 due to Covid-19 restrictions. There is focus in encouraging new mabé pearl farmers and the project was able to fund these trainings. The FADs and buoys should arrive by the end of July 2022. New proposed activity is the 3-ton truck with the crane for FAD and SMA heavy equipment lifting. This activity has been approved and will be implemented in Year 4. There are a few short-term consultants needed for this component which will also be undertaken in Year 4.

The major activity for this component is procuring the boats for the SMA communities. The project plans to sign the contract by September 2022 and have the boats in country by the first quarter of 2023.

The project funded 40 SMA signboards that were installed in the SMA communities to inform the public of the SMA areas and in hopes to lessen illegal fishing in these areas.

Cabinet approved the aquaculture farming areas within the SMA which enables for mabé pearl farmers to hold aquaculture licenses and the Ministry of Fisheries issued 27 aquaculture licenses.

### **2.3 Component 3: Investing in Sustainable Fisheries Management and Development**

The Fisheries Management and Development Division is responsible for the Component 3 activities. This component consists of activities that require short term consultants and will be undertaken in Year 4. Priority was given in expediting the firm for the Fisheries Infrastructure Investment Master Plan Study. The firm was awarded in May 2022 and currently undertaking the Inception report.

### **2.4 Component 4: Supporting Effective Project Management**

The Project Management Unit is responsible for Component 4 activities. Focus is seeking additional funding for the office refurbishment which is will now be an office extension. Recruitment for the Finance Officer and Project Coordinator is underway. The contracts expired and the new contract will enable the successful candidate to negotiate the remuneration rate.

The MIS and IT Support has provided a draft PMU website and PMIS and should be finalized by October 2022 and will conduct trainings.

## **3. Financial Management Report**

The Year 3 budget is TOP \$4,827,197.27 and total Year 3 spending as of 31<sup>st</sup> May 2022 is at TOP \$1,312,508.51. Component 1 spending is at TOP \$228,616.81, Component 2 spending is at TOP \$572,344.40, Component 3 spending is at TOP \$42,407.16 and Component 4 spending was at TOP \$469,140.14. Major spending was on the Ha'apai Compliance Vehicle and FADs and buoys.

The Finance Officer is currently working on the Unaudited Interim Financial report and the budget reconciliation for the previous financial year, FY 2021-2022.

## **4. Training and Development**

There is a total of 57 trainings to be held in Year 3 and only 36 have been conducted as of 30 June, 2022. From January to June 2022, only 13 trainings took place due to Covid-19 restrictions and lockdowns. There are few virtual trainings that took place but the majority were needed to be conducted in person. Trainings that were not conducted in Year 3 will be included in the Year 4 training plan. The training outcomes assessment and monitoring program to monitor outcomes of trainings is under review and awaiting CEO and HoD approval. There is a possibility that Tonga's borders will open in August 2022 so the training plan will include international travel once nominated by the CEO.

## **5. Procurement Management Report**

The Procurement Officer commenced in May 2022. The Project Coordinator and Deputy Project Coordinator handed over all procurement activities and will continue to support and advise when needed. The procurement plan is under review to reflect the needs from the Ministry of Fisheries and also indicate realistic dates for implementation. This should be ready for TTL approval before the next Implementation Support Mission in August 2022. Priority procurement activities are i) finalize the Boats Request for Bid (RFB) documents; ii) seek TTL approval of the procurement plan for the next 6 months; iii) sign contracts for the Finance Officer and Project Coordinator; and iv) seek

procurement refresher training. CSU continues to support with weekly catch-up meetings. The latest Procurement Monitoring Report is attached in Annex 4.

## 6. Safeguards Summary

The Grievance Redress Mechanism (GRM) database is available, however, no complaints towards the project has been reported. Review of the GRM is underway to reflect stakeholder suggestions and feedback which will include everyone and not limited to the communities.

Stakeholder liaison is ongoing especially with the SMA communities to discuss way forward especially after the HTHH volcanic eruption. The Safeguards Officer is currently undergoing:

- i) Review of the diving policy to reflect lessons learnt from the scuba diving training that took place last year
- ii) Preparation of a Safeguards Engagement Plan Training (SEPT) for July 2022
- iii) Preparation of an Environment and Social Safeguards pamphlet.

## 7. Monitoring and Evaluation

There was a lot of discussion about the Component 1, Project Development Objective (PDO) indicators. This was to resolve a standard unit of measure and clearly state the methodology for data collection. The M&E Officer was able to i) monitor the 5 SMAs funded by the project and provide support; ii) review and revised enforcement forms with the Compliance Leads; and iii) finalization of indicators for the Results Framework (RF). The RF needs special attention for final consideration before the mission in August 2022. The detailed Results Framework is in Annex 6.

## 8. Work Program for the next 6 months

The work plan for the next 6 months is centred around the Year 4 procurement plan. The major procurement activities are the constructions of the boatsheds, SMA community boats and Compliance patrol boats and expediting the short-term consultants. It is expected for more disbursements in Year 4.

The following table outlines the activities that are planned to be implemented in the next 6 months.

<b>Component</b>	<b>Activity</b>
<i>Component 1</i>	Fisheries Compliance Lead
	Training/workshops/capacity building-Conservation and Management and Port Sate Measures
	Boats
	Vehicle for Ha'apai
	Drones
<i>Component 2</i>	Design and Deliver training in Marine Science
	Regional workshops
	Medium Boats and Outboard Motors
	Diving Gear (8 sets)/Air Compressor
	Update mabé industry development plan/feasibility study for mabé pearl and giant clam with potential aquaculture materials
	Mabé pearl equipment and supplies
	Mabé pearl Training and workshops
	Aquaculture Hatchery Design
	SMA monitoring program development and SMA procedures and training provision
	Stakeholder consultations

	Travel and support to facilitate SMA development (in Tongatapu, Ha'apai, Vava'u, Eua)
	SMA communities with Motors
<i>Component 3</i>	
	Improved Economic modelling
	Develop Tuna and Snapper marketing strategies/small scale fishing and market strategy including market survey
	Training, capacity building and attachments for divisional staff
	Fisheries Infrastructure Investment Master Plan Study
<i>Component 4</i>	
	IT and MIS support
	Travel
	PMU staff training and development/HR support
	HoD meeting
	PSC
	Implementation Support Mission in August 2022
	Mid-Term Review

## 9. Annexes

### Annex 1 – Work plan for July-Dec 2022

	Component/Activity	Specific Task	2022					
			J u l	A u g	S e p	O c t	N o v	D e c
<b>Sub-component 1.1: Strengthening Fisheries Compliance Capacity</b>								
1.1.1	Fisheries Compliance Officers	Revised TOR	■					
		REOI		■				
		Evaluation				■		
							■	
1.1.2	Training/workshops/capacity building - Conservation and Management and Port State Measures	Source workshop/s	■					
		Define participants	■					
		Logistics	■					
1.1.3.	<b>Compliance Assets</b>							
1.1.3.1	Boats	Draft RFB	■					
		SPN		■				
		Evaluations				■		
		Contract signed						■
		Boat Deliver and Final Payment						
1.1.3.2	Vehicle for Ha'apai			■				
1.1.3.4	Drones	Draft RfQ	■					
		Issue RfQ		■				
		Evaluation			■			
		Finalise purchase				■		
<b>Sub-component 2.1: Improving fisheries science for decision making.</b>								
2.1.1.1	Design and Deliver Training in Marine Science	TOR			■			
		REOI				■		
		Evaluations					■	
		Recruit						■
2.1.5	Regional workshops	Source Workshop/s	■					
		Finalise participants	■					
		Logistics/attendance	■					
2.1.14	Medium Boats and Outboard Motors	RFB		■				
		SPN			■			
		Evaluation					■	
		Purchase						■
		Final payment and deliver						
2.1.17	Diving Gear (8 sets)/Air Compressor	RFQ		■				
		Advertise			■			
		Evaluations				■		
		Purchase					■	

<b>Sub component 2.2: Developing high potential aquaculture technologies.</b>							
2.2.1.1	Update mabe industry development plan/feasibility studu for mabe pearl and giant clam with potential aquaculture materials	TOR					
		REOI					
		Evaluation					
		Recruitment					
2.2.1.3/2.2.1.6	Mabé Pearl Equipment and Supplies	RFQ					
		Advertise					
		Evaluation					
		Purchase					
2.2.1.4 and 2.2.1.5	Mabé Pearl Training and Workshops	Identify Training and Workshops					
		Logistics only					
2.2.3	Aquaculture Hatchery Design	TOR					
		REOI					
		Evaluation					
		Recruit					
<b>Sub-component 2.3: Strengthening Tonga's Special Management Area Program.</b>							
2.3.3	SMA monitoring program development and SMA procedures and training provision	TOR					
		REOI					
		Evalutaion					
		Recruitment					
2.3.5	Stakeholder Consultations	Logistics only					
2.3.7	Travel and support to facilitate SMA development (in Tongatapu, Ha'apai, Vava'u, Eua)	Develop timetable					
2.3.8	SMA Communities Boats with Motors	RFB					
		SPN					
		Evaluation					
		Contract signed					
<b>Component 3: Investing in Sustainable Fisheries Management and Development</b>							
3.6	Improved Economic modeling	TOR					
		Issue REOI					
		Evaluation					
		Contract signed					
3.1	Develop Tuna and Snapper marketing strategies/ small scale fishing and amrket strategy including market survey	TOR					
		Issue REOI					
		Evaluation					
		Mobilise					
3.7	Training, capacity building and attachments for divisional staff	Draft Training Plan					
		Identify opportunities					
		Logistics					
3.2	Master Plan and Feasibility Study	Mobilise					
<b>Component 4: Supporting Effective Project Management</b>							





## Annex 2 – Agreed Actions from 4<sup>th</sup> WB VISM on September 2021

#	Action	Agency	Due Date	Comments
1	PMU to update the ToR for rights-based fisheries management Sub component 1.1 to allow for remote work by international consultant	PMU	November 30, 2021	Further discussion with TTL
2	Provide the boat specifications for sub-components 1.1, 2.1, and 2.3 to the WB team (total 36 boats)	PMU	November 30, 2021 <i>(partially completed; draft specification shared with WB and WB provided comments)</i>	The Request for Bid document is under World Bank review
3	Submit to the WB team updated specifications for life jackets and advertise for procurement	PMU	November 30, 2021	TOR to be developed
4	Provide responses to the correspondence from WB legal team (as resubmitted to the PMU on September 14) related to legal review confirming compliance with UNCLOS	PMU	November 30, 2021	Ongoing
5	PMU to prepare and share draft MoU (or other agreement) that will be entered into with SMAs to outline responsibilities related to use of boat, regular maintenance and upkeep, etc.	PMU	January 31, 2022	Ongoing
	<b>Procurement</b>			
6	All records in STEP updated and regularized	PMU	September 29, 2021 <i>(partially completed; to be finalized)</i>	Ongoing
7	Procurement plan to be updated, and seek approval through STEP	PMU	September 24, 2021 <i>(partially completed; additional updates needed)</i>	Completed; TTL approved Procurement Plan in Nov 2021 The Procurement Plan for the 1 <sup>st</sup> half of 2022-2023 is being developed
	<b>Project Management</b>			
8	Monthly meeting between CSU and PMU to finalize monthly procurement report and expedite procurement activities.	PMU, CSU	<i>Ongoing – monthly</i>	Ongoing. Minutes are available

	Minutes to be circulated to the CEO, CSU's Program Manager and WB TTL		<i>(Minutes for October meeting received)</i>	
9	Regular catch up sessions between the PMU and WB team to provide support on critical next steps and monitor implementation progress. Each session will focus in-depth on identified follow-up actions. Sessions to be held weekly until frequency can be reduced. PMU to suggest agenda topics for the next 5 sessions.	PMU, WB team	<i>Ongoing- weekly</i>	<i>Ongoing</i>
10	PMU to prepare consolidated work plan and budget for Yr 3 for approval by the Bank	PMU	October 29, 2021	Completed
11	PMU to prepare list of TOR that will need update and/or input	PMU	September 29, 2021	Completed
12	Dedicated M&E session to review reporting mechanisms for the results framework	PMU, CSU, WB Team	Nov 30, 2021	Ongoing. Further discussion with TTL
13	PMU to submit in-depth progress report/MTR	PMU	Jan 30, 2022	Ongoing
	<b>Safeguards</b>			
14	Finalize and submit safeguards documentation for Bank review (ESCAP for construction of boat sheds, Standard EHS Guideline for operation of vessels and equipment).	PMU	September 29, 2021	Ongoing
15	Develop and provide a Compliance Checklist for siting and construction of the boat sheds	PMU	Nov 30, 2021	Completed

### Annex 3 – Financial Management Report

PROJECT TO DATE (July 2019 - May 2022)						
	BUDGET (USD)	BUDGET (TOP)	ACTUAL SPENDI NG (TOP)	OUTSTA NDING COMMIT MENTS (TOP)	TOTAL (ACTUAL + OUTSTANDI NG COMMITME NT) (TOP)	Remaining Fund (TOP)
Component 1	1,596,206.00	3,607,425.56	564,500.87	101,622.72	666,123.59	2,941,301.97
Component 2	4,674,342.00	10,564,012.92	1,259,891.97	453,620.28	1,713,512.25	8,850,500.67
Component 3	1,274,484.00	2,880,333.84	123,242.08	616,933.00	740,175.08	2,140,158.76
Component 4	1,987,952.00	4,492,771.52	1,577,836.78	406,311.46	1,984,148.24	2,508,623.28
Category 3 (as stated on PAD) Refund of Preparation Advance	20,000.00	45,200.00	-	-	-	45,200.00
Contingency	447,016.00	1,010,256.16	-	-	-	1,010,256.16
<b>Total Project Fund</b>	<b>10,000,000.00</b>	<b>22,600,000.00</b>	<b>3,525,471.70</b>	<b>1,578,487.46</b>	<b>5,103,959.16</b>	<b>17,496,040.84</b>
					<b>23%</b>	<b>77%</b>

Exchange rate (as  
stated on PAD)

**USD 1 2.26 TOP**

## Annex 4 – Procurement Status Report

<b>Tongafish Project</b> <b>Procurement Monitoring and Performance Reportas</b> <i>(as of 30 June 2022)</i>		
Implementing Agency (Name of the Ministry):	<i>Ministry of Fisheries</i>	
Project Name and Reference Number:	<i>Tongafish Pathway – IDA Grant D448-TO</i>	
Start Date of the Project (Effectiveness Date):	<i>18/07/2019</i>	
Procurement Plan Version:	<i>16 (Approved 24 May 2022)</i>	
Target Date for all planned activities to be contracted (as per the Procurement Plan):	<i>June-22</i>	
Type of Procurement Activity	No. of activities planned	Estimated cost (USD)
Individual Consultant - Competitive	35	3,751,280.00
Consulting Services – Firms	2	340,400.00
Goods - Requests for Bids	1	1,460,000.00
Goods - Requests for Quotations	13	1,033,149.00
Non-Consultants' Services	0	-
Civil Works-Requests for Quotations	4	576,000.00
<b>Grand Total</b>	<b>55</b>	<b>7,160,829.00</b>
Status at 30 June 2022	No. of activities already contracted	Amount in USD
Individual Consultant - Competitive	19	2,093,280.00
Consulting Services – Firms	1	264,000.00
Goods - Requests for Bids	0	-
Goods - Requests for Quotations	9	748,549.00
Non-Consultants' Services	0	-
Civil Works - Request for Quotations	0	-
<b>Total</b>	<b>29</b>	<b>3,105,829.00</b>
Status at 30 June 2022	No. of activities behind schedule (under preparation or not yet started)	Estimated cost (USD)
Individual Consultant - Competitive	16	1,658,000.00
Consulting Services – Firms	1	76,400.00
Goods - Requests for Bids	1	1,460,000.00

Goods - Requests for Quotations	4	284,600.00
Non-Consultants' Services	0	-
Civil Works	4	576,000.00
<b>Total</b>	<b>26</b>	<b>4,055,000.00</b>

No new contracts have been signed for the month of June.

Request for Bids for SMA Boats (20), Compliance Vessels (3) and FAD Vessels (3) (*TO-MOF-255064-GO-RFB*) has been uploaded to STEP for review and comments. The Bank, Procurement Specialist and Marine specialist is currently reviewing this document. Added feedback and comments were expressed in the Technical Mission during the Procurement Session. Awaiting return of review and comments by the Bank.

New Activities were created in STEP for the recruitment of Project Coordinator (*TO-MOF-295523-CS-INDV*) and Finance Officer (*TO-MOF-295602-CS-INDV*). The current individuals in these positions have their contract ending 30 June and the target is to sign new contracts by 01 July 2022. The REOI commenced on 01 June and ending on 14 June. However, this was further extended seven more days (up to 21 June) due to the low number of application submissions. Due to these delays and pending issues, the evaluations of EOI, QAN, negotiations and contract signing is delayed to July 2022. Further discussion with CEO and CSU is ongoing.

Preparations for the Procurement Plan is ongoing and should be reviewed and submitted by the second week of July.

## Annex 5 – Training and Development Plan

### Summary Table of Trainings Procured Jan-Jun 2022

COMPONENT	# OF TRAININGS PROCURED (JAN-JUN 2022)	BUDGET USED (TOP) (JAN-JUN 2022)
1) Strengthening Fisheries Governance	0	\$0.00
2) Strengthening the Knowledge Based for Fisheries and Aquaculture	7	\$27,059.80
3) Investing in Sustainable Fisheries Management and Development	1	\$480.00
4) Supporting Effective Project Management	5	\$1,870.00
<b>TOTAL</b>	<b>13</b>	<b>\$29,409.80</b>

### Overall Table of Trainings Procured July 2021- June 2022 (YEAR 3)

COMPONENT	# OF TRAININGS FOR YEAR 3	BUDGET ALLOCATED (TOP)	# OF TRAININGS PROCURED (JULY 21- JUN 22)	BUDGET USED (TOP) (JULY 21- JUN 22)	BUDGET UNUSED (TOP) (JULY 21- JUN 22)
1) Strengthening Fisheries Governance	13	\$86,498.34	5	\$24,714.60	\$61,783.74
2) Strengthening the Knowledge Based for Fisheries and Aquaculture	20	\$193,345.00	19	\$150,065.17	\$43,279.83
3) Investing in Sustainable Fisheries Management and Development	9	\$22,905.00  (Note: 5 trainings are funded from Component 4.16)	1	\$480.00	\$22,425.00

4) Supporting Effective Project Management	15	\$87,415.00	11	\$5,014.68	\$82,400.32
<b>TOTAL</b>	<b>57</b>	<b>\$390,163.34</b>	<b>36</b>	<b>\$180,274.45</b>	<b>\$209,888.89</b>

## Annex 6 – Progress against Results Framework and Key Indicators

Indicator Name	Unit of Measure	Baseline	Targets vs. Achievement (Cumulative)														Frequency of Data Collection	Data Source	Methodology for Data Collection	Responsibility for Data Collection and Reporting	Remarks	
			Year 1 2021			Year 2 -2022			Year 3 - 2023			Year 4 - 2024			Year 5 - 2025 (End Year)							
			PA D Target	Achiv ement	% A ch .	PA D Target	Achiv ement	% A ch .	PA D Target	Achiv ement	% A ch .	PA D Target	Achiv ement	% A ch .	PA D Target	Achiv ement Till 2022						% A ch .
<b>I. PROJECT DEVELOPMENT OBJECTIVE (PDO) INDICATORS</b>																						
<b>1. Commercial Fishery Compliance</b>	Number of quality inspections undertaken in accordance with MOF Standard	0	5	0	0	19	16	84	23		0	27		0	30	16	53	Annual	MOF Fisheries Compliance surveillance and marine patrol missions.	Each quality inspection is recorded on an approved form and entered into the Fisheries Compliance Database on an ongoing basis throughout the year by the MOF Fisheries Compliance Division	PMU M&E	Change indicator name from Inshore commercial fishery compliance to Commercial Fishery Compliance consisting of snapper fishery, sea cucumber fishery, marine aquarium fishery, and offloading inspection of tuna boats. Definition
- Number of Complaint Inspections	Operating Procedures	0	No target	---	No target	---	No target	---	No target	---	No target	---	No target	---	No target	---	---					
- Fraction of non-complaint inspections		Not appl .	---	0.0	---	0.0	---	---	0.0	---	---	0.0	---	---	0.0	---	---					



																			is found non compliant and followed through		of quality inspections has been clearly defined as one that is found non compliant and followed through (act upon). Compliance inspections would also be measured as a fraction; non-compliant/total compliance inspection	
<b>2. Special Management Areas (SMAs) effectively implementing compliance measures, as</b>	Number of SMAs effectively implementing compliance measures, as	0	0	9	0	7	9	129	11		0	13		0	15	9	60	Annual	SMA audit for the selected SMAs	Annual Audit conducted by SMA Leads for each Island Grouping by the Fisheries	PMU M&E	Effective compliance measures are included in the CCMPs of each SMA. To "effective"

<p>nce measure s</p>	<p>per the standar ds</p>																		<p>Manage ment Division, MOF</p>	<p>y implement compliance measures" , 3 activities will be combined to define this; 1) signboard installation + flags + marker boundarie s , 2) actively meeting/o wnership, 3) manageme nt takeover/a ctively monitoring . The on going training of SMA communiti es (Fisheries Law, SOPs, Procedure s and process for authorized</p>
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																					officers/SMA members to follow when conducting their duties in court, guideline for investigation, prosecution and reporting) would also still take place.	
<b>3. Mabé pearl producers operational</b>	Number	12	15	0	0	21	27	129	27		0	28		0	30	27	90	Annual	Fisheries Compliance Division, Licensing Section issued licences record	Annual production return as reported to the Licensing Section by Fisheries Compliance Division	PMU M&E	With the new list circulated in early May, 2022, 27 new licences will be issued. These 27 license owners will receive assistance from the project, both technical

																					and also equipment for the farms.	
- <i>Female Mabé pearl producers operational</i>	Number	0	1	0	0	3	14	467	6		0	7		0	8	14	175	Annual	Fisheries Compliance Division, Licensing Section issued licences record	Annual production return as reported to the Licensing Section by Fisheries Compliance Division	PMU M&E	With the new list circulated early May, 2022, there are 27 licences that will be issued. Out of these 27, 14 are females.
4. Tuna longline, deepwater snapper and inshore commercial fishery management plans implemented by Ministry of Fisheries (MOF)	Number	0	0	1	0	1	2	200	2		0	2		0	3	2	67	Annual	MOF Annual Report	Fisheries Management Division annual progress report on fisheries management plan implementation by Fisheries Management Division of MOF	PMU M&E	Tuna longline and deepwater snapper management plans are currently implemented. However, the inshore management plan is waiting for the validation consultation

																					n. Hopefully by the end of 2022, this will be completed.
5. Tonga's annual reporting to Western and Central Pacific Fisheries Commission (WCPFC) based on data gathering during implementation of the tuna longline fishery management plan	Yes or No	Yes	Yes	Yes	100	Yes	Yes	100	Yes			Yes	Yes	100	Annual	Fisheries Compliance and Science Divisions written work delivery reports as input into the MOF annual report and WCPFC formal submission	MOF Divisions prepare annual reports on tuna fishery compliance and science, with final reports submitted to WCPFC by the Fisheries Compliance and Science Divisions	PMU M&E	Fisheries Management Lead assists in this. The requirements for the WCPFC database is collected from all divisions especially Science and Compliance Division. If in the reporting, there is a gap in implementation then the project can look into ways to bridge this gap.		
<b>II. INTERMEDIARY RESULTS INDICATORS</b>																					
<b>COMPONENT 1: STRENGTHENING FISHERIES GOVERNANCE</b>																					

<p><b>1. Tonga National Plan of Action for Illegal, Unreported and Unregulated Fishing (IUU) updated</b></p>	<p>Yes or No</p>	<p>No</p>	<p>No</p>	<p>NO</p>	<p>Not applicable</p>	<p>Yes</p>	<p>No</p>	<p>0</p>	<p>Yes</p>			<p>Yes</p>			<p>Yes</p>	<p>No</p>	<p>0</p>	<p>Annual</p>	<p>Fisheries Compliance Division, MOF review of revised action plan.</p>	<p>Fisheries Compliance Division will report completion of the consultancy activity, and approval by the Minister - Data collected by the Fisheries Compliance Division of MOF</p>	<p>PMU M&amp;E</p>	<p>A drafted NPOA has been prepared, but not yet finalised due to COVID. The National MCS Strategy is currently under works and then FFA is tasked to review the Tonga NPOA IUU and other MCS policies. The project may help later on in the process however at the same time, tablets that have been given to</p>
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<b>2. Annual quality compliance inspections conducted on coastal fishers</b>	Number	0	50	15	30	75	16	21	75		0	85		0	100	16	16	16	Annual	Review of compliance inspections logbooks	Standard compliance inspection reports details are entered into the fisheries compliance database Data collected by the Fisheries Compliance Division of MOF A quality inspection is one that is found non compliant and followed through	PMU M&E	Change indicator name from Annual quality compliance inspections conducted on inshore commercial fishers to Annual quality compliance inspections conducted on coastal fishers focusing on compliance patrol enforcements done on land and also the fish fence requirements. Definition of quality inspections has been
<i>- Number of Complaint Inspections</i>	0	No target		--- --- -	No target		--- --- -	No target		--- --- -	No target		--- --- -	No target		--- --- -	No target						
<i>- Number of Non-complaint Inspections</i>	0	No target		--- --- --	No target		--- --- --	No target		--- --- --	No target		--- --- --	No target		--- --- --	No target						
<i>- Fraction of non-complaint to complaint inspections</i>	Not appl.	--- ---	0.0	--- --- --	--- ---	0.0	--- --- --	--- ---	0.0	--- --- --	--- ---	0.0	--- --- --	--- ---	0	--- --- --							

clearly defined as one that is found non compliant and followed through (act upon). Compliance inspections would also be measured as a fraction; non-compliant/total compliance inspection

COMPONENT 2: STRENGTHENING THE KNOWLEDGE BASE FOR THE FISHERIES AND AQUACULTURE																						
3. Fisheries with catch and effort data collected	Number	2	2	2	100	2	3	150	3		0	3		0	3	3	100	Annual	Fisheries Science Division staff conduct regular fish catch and effort data from vessels at	Catch and effort database maintained by MOF - collected by the Fisheries Science Division of MOF	PMU M&E	Creel survey has been brought back however on hold since COVID and the volcanic eruption. Also



																		standard landing sites across the country. These data are collected using a standard methodology approved by the Ministry of Fisheries and applied systematically at all sites			awaiting Ministry of Fisheries solution to the latest audit report about Fisheries Science Division assets funded by the project, specifically the tablets.	
<b>4. Mabé pearl producers receiving extension services</b>	<b>Number</b>	<b>12</b>	<b>12</b>	<b>17</b>	<b>142</b>	<b>18</b>	<b>17</b>	<b>94</b>	<b>22</b>		<b>0</b>	<b>25</b>		<b>0</b>	<b>30</b>	<b>17</b>	<b>57</b>	Annual	Aquaculture Division, MOF	Annual report on aquaculture extension services delivered to mabé pearl producers - By the Aquacul	PMU M&E	Although noone holds any valid aquaculture license as of now, extension services have been carried out for pearl farmers and for

																			ture Divison of MOF		potential ones plus the staff. With the list circulated in early May 2022, about 27 farmers will now hold valid license.	
5. Selected Special Management Areas (SMAs) receiving technical support on generating alternative revenue streams	Number	0	0	47	0	20	47	235	20		0	20		0	20	47	235	Annual	Project activity records	SMA Program monitoring reports on technical support delivered to selected SMAs. By SMA Leads.	PMU M&E	Only select SMAs that have submitted proposal for an alternative revenue streams, just the SMAs that will receive boats
6. Approved SMA management plans which align	Number	0	0	1	0	10	5	50	15		0	18		0	20	5	25	Annual	Fisheries Science Division and SMA Unit of MOF	Annual report issued by the SMA Unit of MOF	PMU M&E	Unless this could count Ministry (funded) SMAs the project

with the Regional Roadmap for Sustainable Pacific Fisheries																					might be helping out in other ways like supplying boundary markers and equipment , etc. Seek clarification from Nina	
7. Grievances registered related to delivery of project benefits that are addressed	%	0	75	Refer Remarks	Not applicable	75	Refer Remarks	Not applicable	75		0	75		0	75	Refer Remarks	Not applicable	Annual	PMU tracking Grievances Register Mechanism (GRM) grievances registered and addressed	GRM register	PMU M&E	No formal complaint has been lodged with the project however an evaluation was done on giant clam juveniles that were distributed to SMAs in Haapai and Vavau found that the mortality rate was high. CEO, HODs and

																				PC have therefore met to discuss on a way forward. It is very important that there should be public awareness campaign for the stakeholders so that they are aware that GRM exists.			
<b>COMPONENT 3: INVESTING IN SUSTAINABLE OFFSHORE, COASTAL, AND AQUACULTURE FISHERIES MANAGEMENT</b>																							
<b>8. Tuna longline and deepwater snapper fishery management plans updated</b>	<b>Number</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>		<b>0</b>	<b>2</b>		<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	Annual Fisheries Science Division of MOF	Annual reports of fishery management plans - By the Fisheries Science Division, MOF	PMU M&E	The performance report for Snapper has been submitted and it shows activities that it has lack of implementation; having observers

																					on the boats	
9. Inshore commercial fishery management plan developed	Yes or No	No	No	No	0	No	No	0	Yes			Yes			Yes	No	0	Annual	Fisheries management plan	Annual reports of fishery management plans - By the Fisheries Science Division, MOF	PMU M&E	Fisheries Management Lead has played a key role in this and is in its final stages of development. Due to COVID-19, the validation consultation has not taken place. By the end of 2022, this should be completed.
10. Updated fisheries legislation drafted and submitted to Cabinet	Yes or No	No	No	No	0	No	Yes	100	Yes			Yes			Yes	Yes	100	Annual	Draft Act and Submission letter	MOF annual report - By the MOF Legal Officer	PMU M&E	Moving in a slow pace, Component 3 is looking for a consultant to assist the ministry in this but

																						how is the project helping? Even without the project assistance, 2 submissions took place in 2019, the other 2: Aquaculture Management Regulations and Fisheries (Fishing Vessels) Licensing Regulations were submitted to the AG's office at the end of March, 2022.
<b>11. Female participants of Special Management</b>	<b>Number</b>	<b>76</b>	<b>81</b>	<b>85</b>	<b>105</b>	<b>91</b>	<b>89</b>	<b>98</b>	<b>101</b>		<b>0</b>	<b>105</b>		<b>0</b>	<b>108</b>	<b>89</b>	<b>82</b>	Annual	List of SMA committee members	SMA Unit Annual Reports - By SMA	PMU M&E	Project is responsible for 5 new SMAs. In Tongatapu,

Areas (SMAs) committees																		Unit, MOF	Fangatapu SMA. In Vavau, Otea SMA and in Haapai, Fotua, Fangaleounga and Lotofoa (to gazette). Female participants are shown on the comments. This excludes new SMAs sponsored by the Ministry			
12. Females licensed to operate as Mabé pearl producers	Number	3	3	0	0	5	14	280	8		0	8		0	8	14	175	Annual	License Section, MOF Mabé pearl production licenses	Aquaculture License Database - By License Section of MOF	PMU M&E	With the new list that was circulated early May, 2022, there are 27 licences that will be issued of which 20 are for Vava'u and 7 for Haapai.

