Tonga: Pathway to Sustainable Oceans (P164941)

**Key Dates**

**Key Project Dates**
- Bank Approval Date: 17-Apr-2019
- Planned Mid Term Review Date: 29-Jul-2022
- Original Closing Date: 30-Apr-2025
- Effectiveness Date: --
- Actual Mid-Term Review Date: --
- Revised Closing Date: 30-Apr-2025

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)
To improve management of selected fisheries and aquaculture in the Recipient's territory.

Has the Project Development Objective been changed since Board Approval of the Project Objective?
No

**Components**

<table>
<thead>
<tr>
<th>Name</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strengthening Fisheries Governance:</td>
<td>$2.11 M</td>
</tr>
<tr>
<td>Strengthening the Knowledge Base for Fisheries and Aquaculture:</td>
<td>$4.55 M</td>
</tr>
<tr>
<td>Investing in Sustainable Fisheries Management and Development:</td>
<td>$1.72 M</td>
</tr>
<tr>
<td>Supporting Effective Project Management:</td>
<td>$1.62 M</td>
</tr>
</tbody>
</table>

**Overall Ratings**

<table>
<thead>
<tr>
<th>Name</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards achievement of PDO</td>
<td>--</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>--</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>--</td>
<td>Substantial</td>
</tr>
</tbody>
</table>

**Implementation Status and Key Decisions**

The project is not yet effective.
The World Bank
Tonga: Pathway to Sustainable Oceans (P164941)

Risks

Systematic Operations Risk-rating Tool

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Rating at Approval</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political and Governance</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and</td>
<td>High</td>
<td>--</td>
<td>High</td>
</tr>
<tr>
<td>Sustainability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fiduciary</td>
<td>Substantial</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>Moderate</td>
<td>--</td>
<td>Moderate</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>Substantial</td>
<td>--</td>
<td>Substantial</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Overall</td>
<td>Substantial</td>
<td>--</td>
<td>Substantial</td>
</tr>
</tbody>
</table>

Results

PDO Indicators by Objectives / Outcomes

To improve management of selected fisheries and aquaculture in the Recipient's territory

► Inshore commercial fishery compliance (Number, Custom)

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
</tr>
<tr>
<td>Date</td>
<td>25-Mar-2019</td>
<td>--</td>
<td>17-Jul-2019</td>
</tr>
<tr>
<td>Comments:</td>
<td>Inshore commercial fishery means: commercial fishing in the specific areas as defined by the Ministry of Fisheries and as detailed and mandated under the Inshore Fishery Management Plan. Fishery compliance: detection of prohibited size fish and/or use of illegal fishing gear (e.g. scuba equipment, undersize mesh, prohibited length nets). Unit of measure is the number of quality inspections undertaken in accordance with MOF Standard Operating Procedures.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

► SMAs effectively implementing compliance measures (Number, Custom)

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
</tr>
<tr>
<td>Date</td>
<td>25-Mar-2019</td>
<td>--</td>
<td>17-Jul-2019</td>
</tr>
<tr>
<td>Comments:</td>
<td>SMAs means all SMAs including the selected 20 SMAS that will receive assets, technical support on compliance, and capacity building activities, financed by the project under SC 2.3. These selected SMAs have a gazetted management plan, an annual work plan, an asset operations and maintenance agreement, and support and training from the project, to apply robust compliance measures within the</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
prescribed SMA boundaries. Implementing SMA compliance measures means: Implementing enforcement activities at the SMA level including (i) placement of information signage adjacent to each SMA, (ii) placement of marker buoys to indicate SMA boundaries, and (iii) contacting fishers from adjacent coastal communities directly to advise them of the SMA boundaries and regulations.

**Mabe pearl producers operational (Number, Custom)**

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>12.00</td>
<td>0.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Date</td>
<td>10-Jan-2019</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
</tbody>
</table>

Comments: Number of mabé pearl license holders that have produced a crop of pearls.

**Female mabe pearl producers operational (Number, Custom Breakdown)**

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Date</td>
<td>18-Jan-2019</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
</tbody>
</table>

**Tuna longline, deepwater snapper and inshore commercial fishery management plans implemented by MOF (Number, Custom)**

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Date</td>
<td>25-Mar-2019</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
</tbody>
</table>

Comments: Fishery management plan means: a fishery plan approved by the Ministry of Fisheries and Parliament according to section 7 of the Fisheries Management Act 2002. Implemented means: A fishery plan approved by the Minister in accordance with section 7(5), and for which staff and budget are allocated to support the implementation of activities identified in the plan (e.g., control of access, gear and mesh size specifications, closed season), and where those activities are being applied to manage the fishery.

**Tonga's annual reporting to WCPFC based on data gathering during implementation of the tuna longline fishery management plan (Yes/No, Custom)**

<table>
<thead>
<tr>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Date</td>
<td>25-Mar-2019</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
</tbody>
</table>

Comments: Implementation means: The tuna plan approved by the Minister in accordance with section 7(5), for which staff and budget are allocated to support the implementation of activities identified in the plan, and where those activities are being applied to manage the fishery. Fishery management plan means: a fishery plan according to section 7 of the Fisheries Management Act 2002. Implemented means: WCPFC reports draw on MOF research, science and compliance data derived from management plan implementation used to prepare Part 1 and Part 2 reports to the WCPFC each year. WCPFC reporting commitments Part 1 and Part 2 means: Tonga is a member of the WCPFC. The WCPF Convention Articles 23 and 25 require members to provide information to the Commission each year in an Annual Report on its tuna fisheries management, in two parts. Part 1 relates to research and statistics; Part 2 relates to compliance, and implementation of management measures.
### Component 1: Strengthening Fisheries Governance

#### Tonga National Plan of Action for IUU updated (Yes/No, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>No</td>
<td>--</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Date**
- 05-Dec-2018 -- 17-Jul-2019 30-Apr-2025

**Comments:**
The National Plan of Action to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing (NPOA IUU) means: The voluntary international instrument, developed within the framework of the FAO Code of Conduct for Responsible Fisheries The current NPOA IUU only applies to the tuna fishery. With project financing it will be updated to include all Tonga’s commercial fisheries, as well as to recognise Tonga’s recent signing of the FAO Port State Measures Agreement.

#### Annual quality compliance inspections conducted on inshore commercial fishers (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>--</td>
<td>0.00</td>
<td>100.00</td>
</tr>
</tbody>
</table>

**Date**
- 05-Dec-2018 -- 17-Jul-2019 30-Apr-2025

**Comments:**
Quality inspection means: A compliance inspection conducted by MOF Compliance Division Fisheries Officers in accordance with a MOF standard operating procedure.

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

#### Fisheries with catch and effort data collected (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>2.00</td>
<td>--</td>
<td>2.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Date**

**Comments:**
Catch and effort data means: Details of target fish species catch by weight, and of the fishing effort expended by gear type. MOF currently collects data for the tuna fishery, and the deepwater snapper fishery - in accordance with regional and national reporting requirements - to support assessments of fishery health such as the regional tuna stock assessments. By the end of the project, MOF will also collect catch and effort data for the inshore fishery.

#### Mabe pearl producers receiving extension services (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>12.00</td>
<td>--</td>
<td>12.00</td>
<td>30.00</td>
</tr>
</tbody>
</table>

**Date**
- 05-Dec-2018 -- 17-Jul-2019 30-Apr-2025

**Comments:**
A producer means: The holder of an aquaculture license issued in accordance with the provisions of the Fisheries Management Act 2002 and Aquaculture Management Act 2003. Extension services means: The advisory, education, training, technical support, workshop, and related activities provided by the Ministry of Fisheries to producers under project financing. All producers receive the same package of support by MOF.

#### Selected SMAs receiving technical support on generating alternative revenue streams (Number, Custom)
Baseline | Actual (Previous) | Actual (Current) | End Target
--- | --- | --- | ---
Value | 0.00 | -- | 0.00 | 20.00
Date | 25-Mar-2019 | -- | 17-Jul-2019 | 30-Apr-2025

Comments:
Selected SMAs means: the 20 existing SMAs that are selected by June 30, 2019 to receive assets, technical support, training and other capacity building support by MOF under this project. Receiving technical support means: Ongoing technical support financed by the project and delivered by MOF extension staff and SMA Leads to the selected SMAs. Generating alternative revenue streams means: The technical support focused on supporting and training fishers to adopt alternative income streams such as FAD fishing, ecotourism opportunities, giant clam and mabé pearl production, amongst others. The main thrust of the technical support will be to reduce fishing pressure in the SMA area by focusing on developing alternate sources of reliable income.

► Approved SMA management plans which align with the Regional Roadmap for Sustainable Pacific Fisheries (Number, Custom)

Baseline | Actual (Previous) | Actual (Current) | End Target
--- | --- | --- | ---
Value | 0.00 | -- | 0.00 | 20.00
Date | 25-Mar-2019 | -- | 17-Jul-2019 | 30-Apr-2025

Comments:
SMA management plans are updated to reflect the three goals and five strategies for improved coastal fisheries management of the Regional Roadmap for Sustainable Pacific Fisheries.

► Grievances registered related to delivery of project benefits that are addressed (Percentage, Custom)

Baseline | Actual (Previous) | Actual (Current) | End Target
--- | --- | --- | ---
Value | 0.00 | -- | 0.00 | 75.00
Date | 25-Mar-2019 | -- | 17-Jul-2019 | 30-Apr-2025

Comments:
The new indicator emphasizes the importance of strengthening citizen engagement in the Pacific region, as well as measures whether beneficiaries feel project investment benefits them and meets their needs.

Component 3: Investing in Sustainable Offshore, Coastal, and Aquaculture Fisheries Management

► Tuna longline and deepwater snapper fishery management plans updated (Number, Custom)

Baseline | Actual (Previous) | Actual (Current) | End Target
--- | --- | --- | ---
Value | 0.00 | -- | 0.00 | 2.00
Date | 05-Dec-2018 | -- | 17-Jul-2019 | 30-Apr-2025

Comments:
Updated means: Existing fisheries management plans for tuna and deepwater snapper that have gone through a comprehensive periodic review process in accordance with Section 7(3) of the Fisheries Management Act 2002. Plan objectives and regulatory provisions will be reviewed to ensure relevance to fishery resources and industry sector needs, with changes approved by the Minister, and implemented by MOF.

► Inshore commercial fishery management plan developed (Yes/No, Custom)

Baseline | Actual (Previous) | Actual (Current) | End Target
--- | --- | --- | ---
Value | No | -- | No | Yes
**Inshore commercial fishery management plan means:** The plan to be developed that will regulate all commercial fishing (take fish for sale) for fish species, fishing methods, and fishery areas, that are not already covered by another fisheries management plan.

**Updated fisheries legislation drafted and submitted to Cabinet (Yes/No, Custom)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>05-Dec-2018</td>
<td>--</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
<tr>
<td>Comments:</td>
<td>Updated fisheries legislation means: Reviews of the Fisheries Management Act 2002, Aquaculture Management Act 2003, Fisheries Management (Conservation) Regulations 2008, and Fisheries (Coastal Communities) Regulation 2009 submitted to Cabinet as the last MOF controlled step, before consideration by the Parliament</td>
<td></td>
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</tr>
</tbody>
</table>

**Female participants of SMA committees (Number, Custom)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>18-Jan-2019</td>
<td>--</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
<tr>
<td>Comments:</td>
<td>Female members means: Members of SMA committees appointed either in accordance with the regulations, or by the committee chairperson, or by the MOF CEO. SMA community committees (end of Project target 43) aim to comprise a minimum of two and an average of between 2 and 3 female members. Note: there are 3 non-community SMAs that are established in unpopulated islands. These SMAs do not have committees, rather they function as marine protected areas for coastal fisheries</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Females licensed to operate as mabe pearl producers (Number, Custom)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>18-Jan-2019</td>
<td>--</td>
<td>17-Jul-2019</td>
<td>30-Apr-2025</td>
</tr>
<tr>
<td>Comments:</td>
<td>Females who have successfully completed all of the necessary requirements (prepared an approved business plan, delivered the standard MOF approved environmental management review form, and secured a viable legal site for pearl production) to acquire a formal license to produce mabé pearls. And, these females are issued a formal mabé pearl aquaculture license by MOF</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Data on Financial Performance**

**Disbursements (by loan)**

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Currency</th>
<th>Original</th>
<th>Revised</th>
<th>Cancelled</th>
<th>Disbursed</th>
<th>Undisbursed</th>
<th>% Disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>P164941</td>
<td>IDA-D4480</td>
<td>Not Effective</td>
<td>USD</td>
<td>10.00</td>
<td>10.00</td>
<td>0.00</td>
<td>0.00</td>
<td>9.99</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Key Dates (by loan)**
### Project Status and Results Report

**Tonga: Pathway to Sustainable Oceans (P164941)**

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Orig. Closing Date</th>
<th>Rev. Closing Date</th>
</tr>
</thead>
</table>

### Cumulative Disbursements

![Cumulative Disbursements Graph]

- **Restructuring History**
  - There has been no restructuring to date.

- **Related Project(s)**
  - There are no related projects.