**ARTISANAL TUNA FISHERY PROFILE**

**AUTHOR DETAILS**

|  |  |
| --- | --- |
| **Prepared by:** |  |
| **Title(s):** |  |
| **Affiliation:** |  |
| **Date:** |  |

**GENERAL COUNTRY INFORMATION**

|  |  |
| --- | --- |
| **Country:** |  |
| **Population:** |  |
| * **% population coastal and urban:**
 |  |
| * **% population rural:**
 |  |
| **GDP per capita (USD):** |  |
| **Fish consumption per capita (kg):** |  |
| **Land mass (km2):** |  |
| **Size of EEZ (km2):** |  |
| **Number of islands:** |  |
| **Length of coastline:** |  |

**ARTISANAL TUNA (AND OTHER PELAGIC FISH) FISHERY PROFILE**

Provide information on the artisanal (small-scale) tuna (and other pelagic) fishery operating in your country.

**Number of active boats operating in this fishery by vessel category:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Boat with paddle:** |  | **Boat with sail:** |  | **Boat with motor:** |  | **Recreational vessel:** |  |

**Number of anchored FADs (as at date of writing) by FAD category:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Nearshore anchored:** |  | **Offshore anchored:** |  | **Industrial anchored:** |  |

**List all the fishing methods used in the artisanal tuna fishery in your country:**

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**List the species composition and associated annual catch estimates by species (or total catch)**

|  |  |
| --- | --- |
| **Species** | **Annual catch estimates (MT)** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Insert a map of your country and overlay information such as name and location of: major landing sites, all current FADs, fishing areas (and/or location of various fisheries), major urban centres, points of export.**

|  |
| --- |
| *Insert country map and include information such as:** *Name and location of all major landing sites;*
* *Name and location of all anchored FADs (currently in water);*
* *Name and location of all fishing areas;*
* *Name and location of fisheries (primarily focusing on tuna and other pelagic fisheries and deepwater snapper);*
* *Major urban centres; and*
* *Points of export.*
 |

**Artisanal tuna data collection programs**

|  |
| --- |
| *i. Describe existing tuna data collection programs that are ongoing in your country – describe what the programme entails, what the processes are for collecting data, what forms are used (attach examples where possible), where the data is stored (database name), and estimated data coverage (i.e., does the data collection programme allow for estimation of data coverage and therefore total catch estimates to be made).**ii. List and describe (including date of implementation) any tuna and other pelagic fisheries monitoring programmes that have occurred in your country the past.**iii. List and describe other data collection programs that are ongoing in your country (e.g., coastal, agricultural census, socioeconomic surveys, etc.).* |

**Licensing and registration**

|  |
| --- |
| *If applicable, provide information about:**i. Any fishing licensing system, or its equivalent, required by artisanal fishers, including details on cost and other applicable information.**ii. Any vessel registration, or its equivalent, program that is underway, including details on cost, criteria for registration (such as safety equipment, motor size).**iii. License and vessel registration data that may be available, such as number of licenses by fisher category and/or number of vessels registered by category and estimated coverage.* |

**History of FAD deployments**

|  |
| --- |
| *i. Describe the history of FAD deployments (date, type, funding, length) in your country.**ii. Describe any FAD catch and effort monitoring (data collection) programs that have occurred.**iii. Provide detail around the success and failures of FAD programs.**iv. Provide detail around future plans for deployment of FADs.* |

**Recreational fisheries**

|  |
| --- |
| *i. Describe the recreational fishery (including sports fishing-based tourism) in your country, including number of vessels, fishing effort, target species, annual catch estimates.**ii. Describe the organisation of the recreational fishing sector, including information on any ‘fishing clubs’, tournaments, competitions.**iii. Describe any data collection, including methodology, that occurs in the recreational fishing sector.* |

**Fishing associations and/or co-operatives**

|  |
| --- |
| *i. Provide a list of fishing associations/cooperatives functioning in your country, list their membership numbers and describe their function.**ii. Provide detail on the role of associations/cooperatives in the collection of data.**iii. Provide any additional details around associations/co-operatives that may be relevant, such as formal registration of constitution, benefits of membership.* |

**Artisanal tuna fishery policy framework**

|  |
| --- |
| *List and describe any policy frameworks that are relevant to the artisanal tuna fishery in your country, such as:** *Policies and regulations*
* *Management plans*
* *Development plans*
 |

**Post harvest use**

|  |
| --- |
| *Describe the main uses of artisanal catches and the target markets (e.g., local consumption, restaurants, export)* |

**Economic role of artisanal fisheries**

|  |
| --- |
| *Where possible, describe the economic role of artisanal fisheries in your country, including information such as:** *Contribution to gross domestic product (GDP)*
* *Per capita consumption and contribution to food security*
* *Exports by volume, value, species and market*
* *Employment in the artisanal tuna fishery (on-board and post-harvest employment)*
 |

**Other**

|  |
| --- |
| *If needed, include any relevant information on the artisanal tuna fishery that is occurring in your country, but is omitted from the template* |

**SUGGESTED REFERENCES**

To facilitate the above reporting, the following references are suggested:

* National fisheries office statistics
* National statistics office data (e.g., census, HIES, agricultural census): <http://www.spc.int/prism/>
* Gillette (2009): <http://www.adb.org/sites/default/files/pub/2009/pacific-fisheries.pdf>
* Gillette (2011): <http://www.fao.org/docrep/014/i2092e/i2092e00.pdf>
* Socioeconomic survey results
* PROCFish country reports: search in - <http://www.spc.int/DigitalLibrary/FAME/Search>
* Other – country and fishery specific reports, country databases, statistical bulletins, etc.

**INSTRUCTIONS FOR COMPLETION OF THE ARTISANAL TUNA FISHERY PROFILE**

1. **Author details**

Please provide the full name, title, affiliation (name of employer) of each person who contributed to the fishery profile.

1. **General country information**

Please provide the most up-to-date and reliable statistics available, including: full country name, population and breakdown of coastal and urban and rural, gross domestic product (GDP) per capita (in USD), fish consumption per capita (kg/capita), land mass (km2), size of EEZ (km2), number of islands and length of coastline.

1. **Artisanal tuna (and other pelagic fish) fishery profile**
	1. Please provide your best estimates for:
* Number of boats operating in the fishery by category (paddle, sail, motor, recreation);
* Number of anchored FADs currently in place, by FAD category (nearshore, offshore, industrial);
* All fishing methods practiced in the fishery; and
* Species caught in the fishery and annual catch estimates.
	1. Insert a map of your country and overlay information, such as:
* Name and location of all major landing sites;
* Name and location of all anchored FADs (currently in water);
* Name and location of all fishing areas;
* Name and location of fisheries (primarily focusing on tuna and other pelagic fisheries and deepwater snapper);
* Major urban centres; and
* Points of export.
	1. Provide information on existing and past artisanal tuna data collection programs that have occurred in your country, including:
* Existing data collection programs – what they entail, what the processes are, what forms are used (append examples), where the data is stored and details on data coverage;
* Previous artisanal tuna fishery monitoring that has occurred; and
* Other data collection program (non-tuna) that is ongoing in your country.
	1. If applicable, provide information about:
* Any fishing licensing system, or its equivalent, required by artisanal fishers, including details on cost, criteria for obtaining a license and any other applicable information.
* Any vessel registration program, or its equivalent, that is underway, including details on cost, criteria for registration (such as safety equipment, motor size), and any other applicable information.
* License and vessel registration data that may be available, such as number of licenses by fisher category and/or number of vessels registered by vessel category and estimated coverage.
	1. Provide information on the history of FAD deployments in your country, including:
* Describe the history of FAD deployments (date, type of FAD, funding, length);
* Describe any FAD catch and effort monitoring (data collection) programs that have occurred;
* Provide detail around the success and failures of FAD programs; and
* Provide detail around future plans for deployment of FADs.
	1. Recreational fisheries
* Describe the recreational fishery (including sports fishing-based tourism) in your country, including number of vessels, fishing effort, target species, annual catch estimates.
* Describe the organisation of the recreational fishing sector, including information on any fishing clubs, tournaments and competitions.
* Describe any data collection, including method, that occurs in the recreational fishing sector.
	1. Fishing associations and/or co-operatives
* Provide a list of fishing associations/cooperatives functioning in your country, list their membership numbers and describe their function.
* Provide detail on the role of associations/cooperatives in the collection of data.
* Provide any additional details around associations/co-operatives that may be relevant, such as formal registration of constitution, benefits of membership.
	1. Provide detail on the artisanal tuna fishery policy framework:
* Guiding policies and regulation (national and regional);
* Management plans; and
* Development plans.
	1. Post harvest use – describe all the uses or intended markets for artisanal catch (e.g., home consumption, local sale to consumers, restaurants, exports, processors, etc).
	2. Describe the economic role of artisanal tuna (and other pelagic fish) fisheries:
* Contribution to GDP;
* Per capita consumption (tuna and other pelagic fish only) and contribution to food security;
* Exports (tuna and other pelagic fish only) by volume, value, species and market; and
* Employment.
	1. Other information – as required, include any relevant information on the artisanal tuna fishery that is omitted from the template.

**DEFINITION OF ARTISANAL TUNA FISHERIES**

The purpose of this survey is to obtain basic information on the extent of artisanal fisheries taking tuna and other pelagic fish in the Western and Central Pacific Ocean. We’re primarily interested in fishers that target tuna, but also those that catch other pelagic and deepwater fish.

The following definitions of “Artisanal Fisheries” will help to describe the fisheries that this survey is covering:

“Artisanal Fisheries” are:

“***Small-scale fisheries carried out by people who rely on fishing to support their families and other local people***” (**SYMPOSIA** – web dictionary)

“***Fisheries involving skilled but non-industrialized operators; typically a small-scale, decentralized operation; normally subsistence fisheries although sometimes the catch may be sold. Usually fishing trips are short and inshore and fishing vessels are small but in developed countries may apply to trawlers, seiners or longliners. Also called small-scale fisheries”***

**(FISHBASE GLOSSARY -** <http://www.fishbase.se/glossary/Glossary.php?q=artisanal%20fisheries>)

In the Pacific-Island context, the following are characteristics usually aligned with artisanal fisheries:

* Small, open boats with outboard motors, but sometimes inboard engines;
* In some instances, canoes that fish on FADs situated close to shore;
* Vessels that often dispose the catch at market places, but also strong subsistence base (e.g. home consumption and sharing with family and community members);
* Typically use troll and handline gears, but the methods of using these gears may vary;
* Typically fish free tuna schools but also around anchored FADs when they are are available; and
* Generally one-day trips only.