

Developing social and economic monitoring and evaluation systems in Indonesian tuna fisheries to assess potential impacts of alternative management measures on vulnerable communities



## **Key details**

Location

Indonesia

Duration

Start Dec 2020 End Dec 2023

Budget

AUD 249,788

**Commissioned organisation** 

University of Technology Sydney

**Partners** 

University of Technology Sydney

**Project Leader** 

Prof Kate Barclay

Program Fisheries

Project code FIS/2020/109



## Overview

This project aimed to assist the Indonesian government (MMAF) and stakeholders in building the basis for

system-wide monitoring and evaluation of alternative management measures in terms of their impacts on vulnerable, tuna-dependent communities.

Tuna fisheries in Indonesia are extensive and multisectoral, ranging from small-scale to industrial vessels,
with high levels of dependency on these fisheries for
livelihoods and food among low income groups.
Considerable social, economic and biological risks are
associated with implementing management measures
that are not tested in a modelling setting first. In
particular, linkages and interdependencies between
multiple sectors make trade-offs complex in Indonesian
tuna fisheries, and raise the prospect of unintended
consequences, including the possibility of substantial
impacts on poor and food insecure groups.

To enable assessment of the social and economic performance of alternative management measures in terms of their impacts on vulnerable communities, this project a) synthesised existing knowledge and identified appropriate methods, for characterising interdependencies and determining fisheries dependency in Indonesian tuna fisheries, b) reviewed national and provincial scale data sources to assess their value for system-wide social and economic monitoring and evaluation in the future and c) produced a draft conceptual framework to identify potential impacts of alternative management measures on vulnerable, tuna fishing dependent communities.

## **Outcomes**

- Synthesised existing knowledge and identifying appropriate methods about determining fisheries dependency in Indonesian tuna fisheries.
- Reviewed national and provincial scale data sources to assess their value for system-wide social and economic monitoring and evaluation.
- Produced a draft conceptual framework to identify potential impacts of alternative management measures on vulnerable, tuna fishing-dependent communities.
- Coordinated activities with MMAF staff and others working on the Management Strategy Evaluation as part of the tuna harvest strategy development process, to ensure the data assessments and framework development undertaken are suitable for potential use in the MSE.



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