

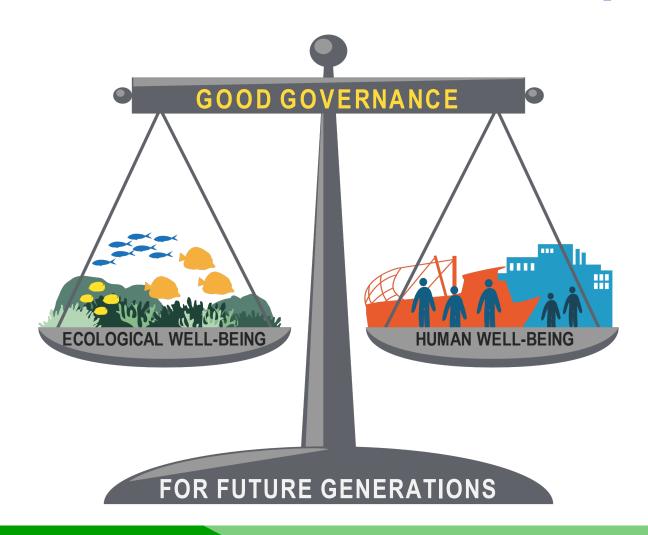


EAFM is simply the ecosystem approach (EA) applied to fisheries management (FM)

EAFM = EA + FM

i.e. a practical way to implement sustainable development and sustainably maximize the ecosystem benefits of a fishery system

EA promotes sustainable development



The 3 components - in a fishery context

- Ecological well-being: e.g. healthy habitats, foodwebs, and sustainable fishing
- Human well-being: e.g. Increased & equitable wealth, food security and sustainable livelihoods
- Good governance: e.g. effective institutions and arrangements for setting and implementing rules and regulations



EAFM builds on what is in place

- Builds on/improves existing management
- Strengthens agencies through better planning and cooperation
- Builds on and integrates co-management and other participatory approaches
- Uses the traditional and scientific knowledge that already exists
- Improves human capacity in skills needed for sustainable management

EAFM builds on existing fisheries management: "the move towards EAFM"

EXISTING

- target species
- fish focused
- production driven
- managed through control of fishing
- government driven

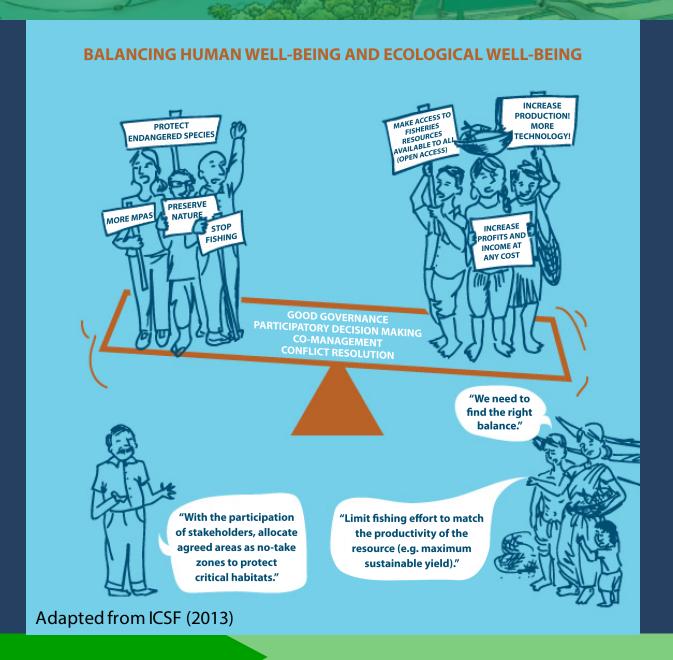
EAFM

- target and bycatch
- considers habitats
- fishery impacts on the ecosystem
- threats to the fishery from external factors
- good governance/ participatory
- socio-economic benefits

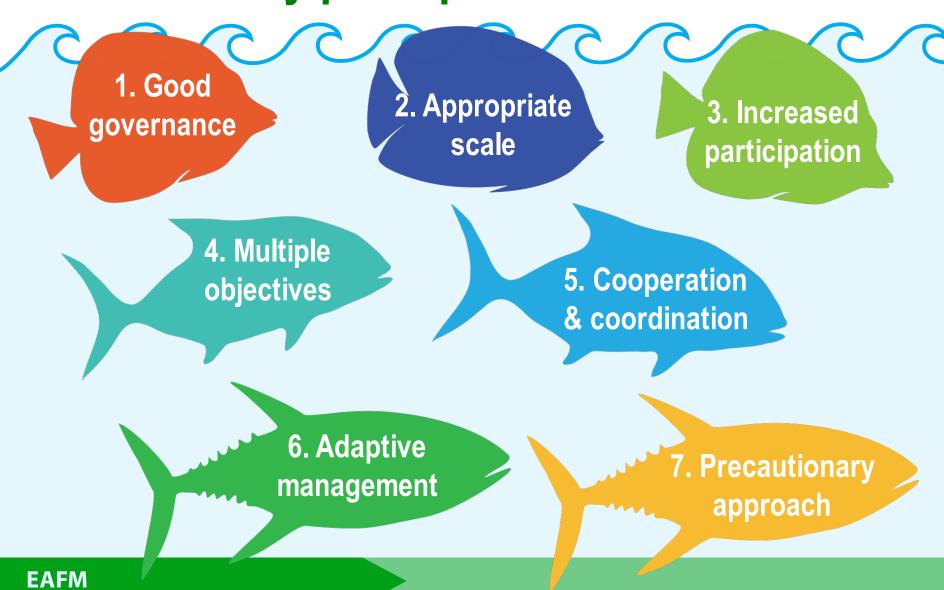
EA/EBM

- integrated management across sectors
- multiple use management

EAFM IS FINDING THE BALANCE

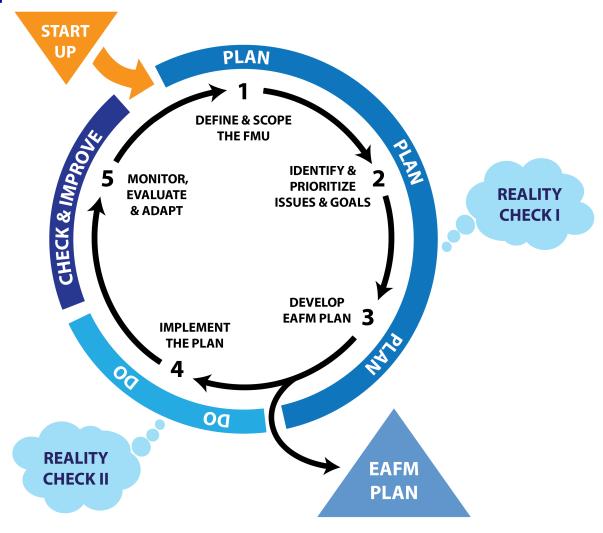


Key principles of EAFM





The 5 steps of EAFM



Startup A

A. Prepare the ground

Identify who should be involved

 What is planned to happen (plan for the process)

Decide on the general location



B. Stakeholder engagement

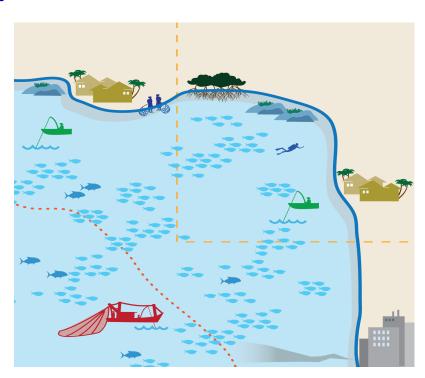
Engage stakeholders for:

- Participatory planning
- Co-management

Step 1

Define and scope the Fisheries Management Unit (FMU)

- 1.1 Define the FMU
- 1.2 Agree the FMU vision
- 1.3 Scope the FMU



Provides background information and a vision

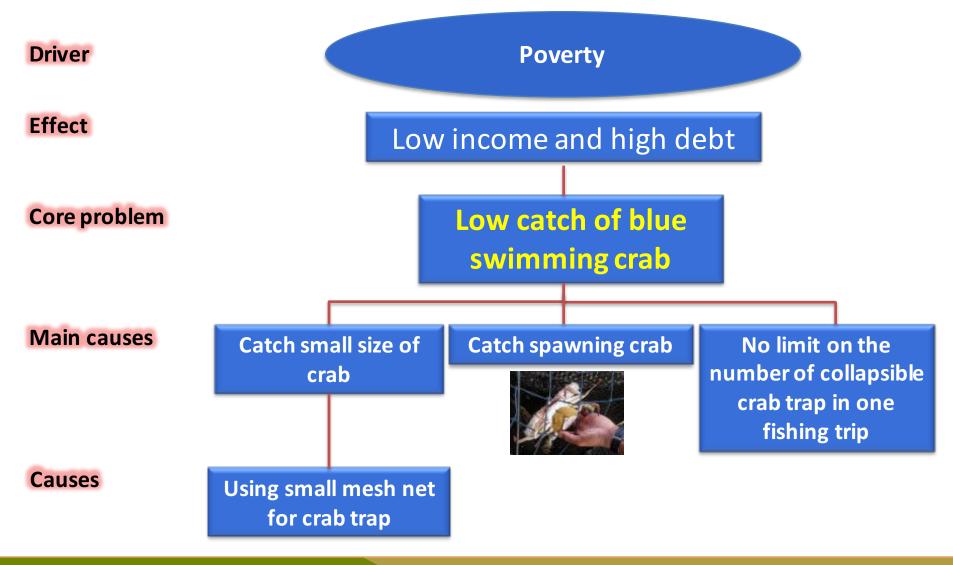
Step 2 Identify & prioritize issues & goals

Identifies the high priority issues and sets goals

- 2.1 Identify threats & issues
- 2.2 Prioritize issues
- 2.3 Define goals for EAFM plan

Problem tree

A diagram which traces the causes and effects of problems



Problem tree (contd.)

Effects



Goals

Core problems



Objectives

Causes



Management actions



Are the goals achievable?

Reality check I

- -Constraints & opportunities
- -Facilitation / skills
- -Conflict management

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Step 3 Developing the EAFM plan

- 3.1 Develop operational objectives
- 3.2 Develop indicators & benchmarks
- 3.3 Management actions
- 3.4 Identify sustainable financing
- 3.5 Finalize the EAFM plan

Develops the management framework

Step 4 Implement

4.1 Formalize, communicate and engage

Implements the plan through formalizing and communicating it

Reality check II

Reality check II

- -Governance
- -Co-management
- -Supportive environment

Checks whether the governance and supporting structures are in place

Step 5 Monitor, evaluate, adapt

- 5.1 Monitor & evaluate (M&E) performance of management actions
- 5.2 Adapt the plan based on M&E

Completes the EAFM cycle with M&E and adapts the plan to start a new cycle

EAFM cycle

Planning – Steps 1-3

- 1. Define & scope
- 2. Issues & goals
- 3. Objectives, indicators, management actions & compliance, financing

Doing - Step 4

4. Implement

Checking & improving - Step 5

5. Monitor, evaluate and adapt

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VISION

Ecological Well-being

- ➤ Main Issue (s)
- ➤ Goal(s)
- Objectives
- ➤ Indicators and Benchmark
- Management Actions

Good Governance

- Main Issue
- > Goal
- Objectives
- ➤ Indicators and Benchmark
- Management Actions

Human Well-being

- > Main Issue
- ➢ Goal
- Objectives
- Indicators and Benchmark
- Management Actions

Compliance

Finance





The sub-steps

5.1 M&E

- Monitor: Collect data (focus on indicators)
- Evaluate: Collate results of monitoring and evaluate management performance against benchmarks, and report

5.2 Review and adapt the EAFM plan

- Review: Regular reviews of the plan
- Adapt: Adapt the plan as required

VISION

Eco Wellbeing

- Main Issue
- > Goal
- Objectives
- ➤ Indicators and Benchmark
- Management Action

Good Governance

- Main Issue
- > Goal
- Objectives
- ➤ Indicators and Benchmark
- Management Action

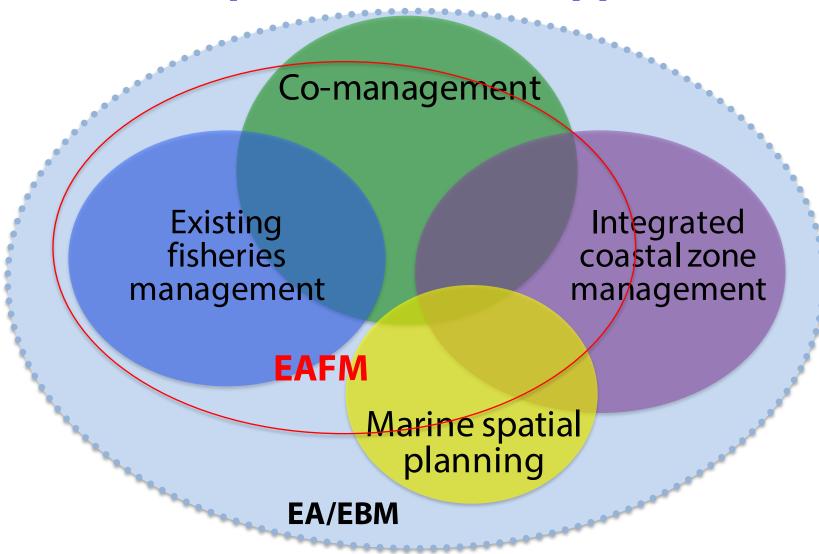
Human Wellbeing

- Main Issue
- > Goal
- Objectives
- ➤ Indicators and Benchmark
- ➤ Management Action

Compliance

Finance





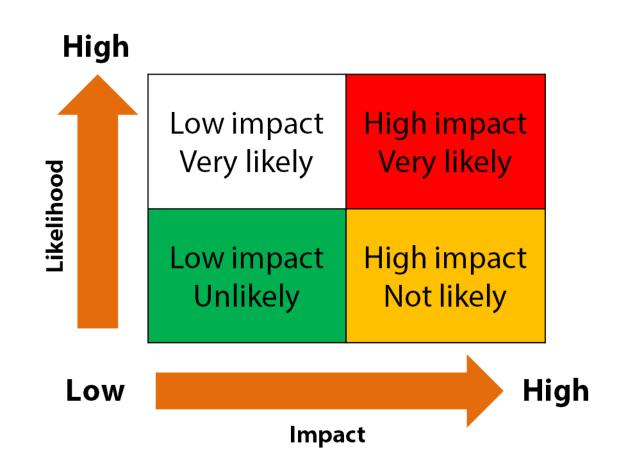
Prioritization based on risk

Impact

-how much change would occur

Likelihood

-probability of it occurring



A DESCRIPTION OF

Problem tree (contd.)

A diagram which traces the causes and effects of problems

