

Ecosystem Approach to Fisheries Management (EAFM)



CORAL TRIANGLE INITIATIVE
ON CORAL REEFS, FISHERIES AND FOOD SECURITY



Norad



USAID
FROM THE AMERICAN PEOPLE

ASIA



The future we want: our vision

- Well-governed fisheries sector
- Abundant fisheries resources
- Healthy environment and habitats
- Increased jobs, profits, and improved economy
- Improved human health and prosperity

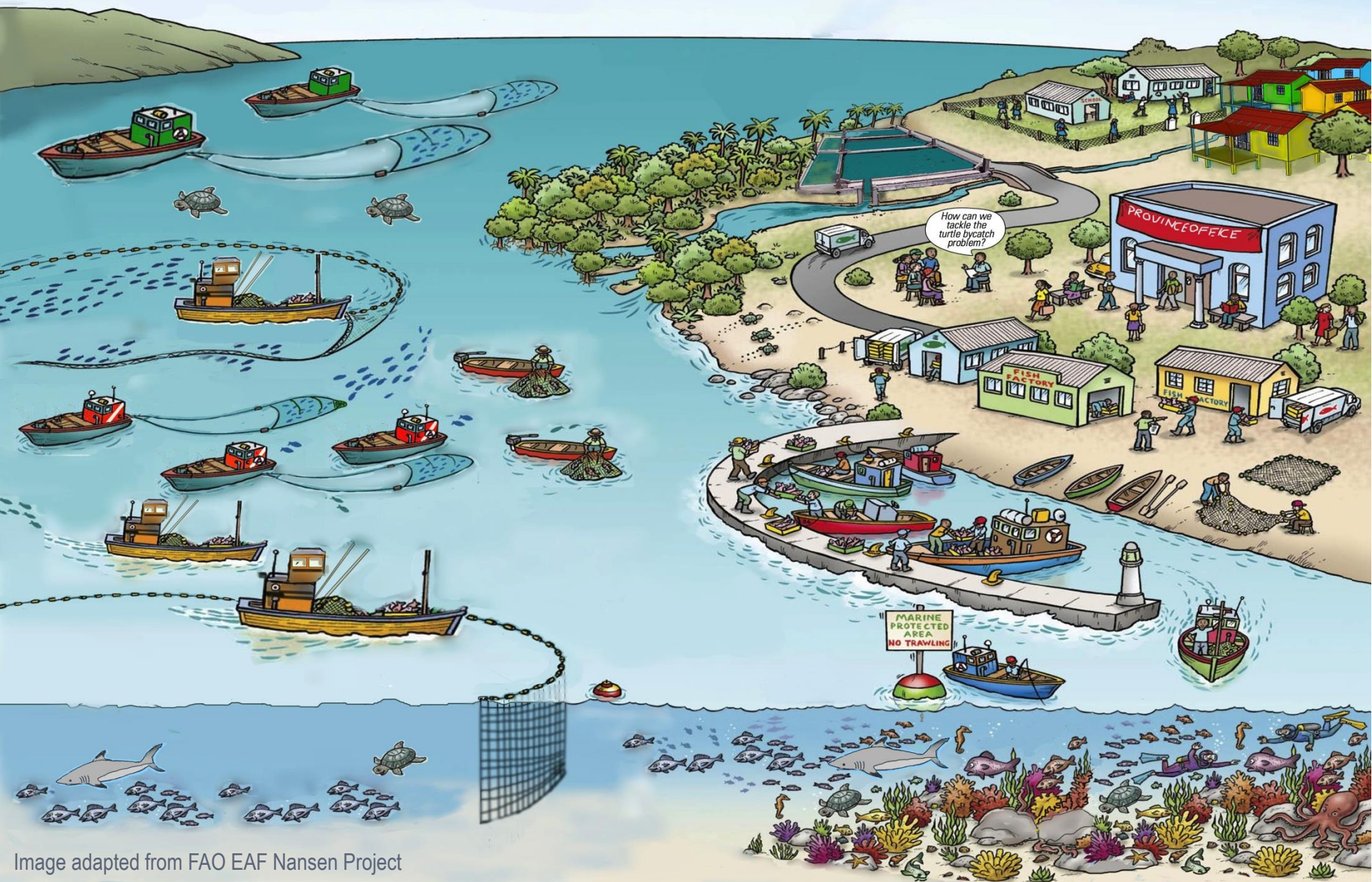
A legacy for you, your children, and future generations

Threats and issues



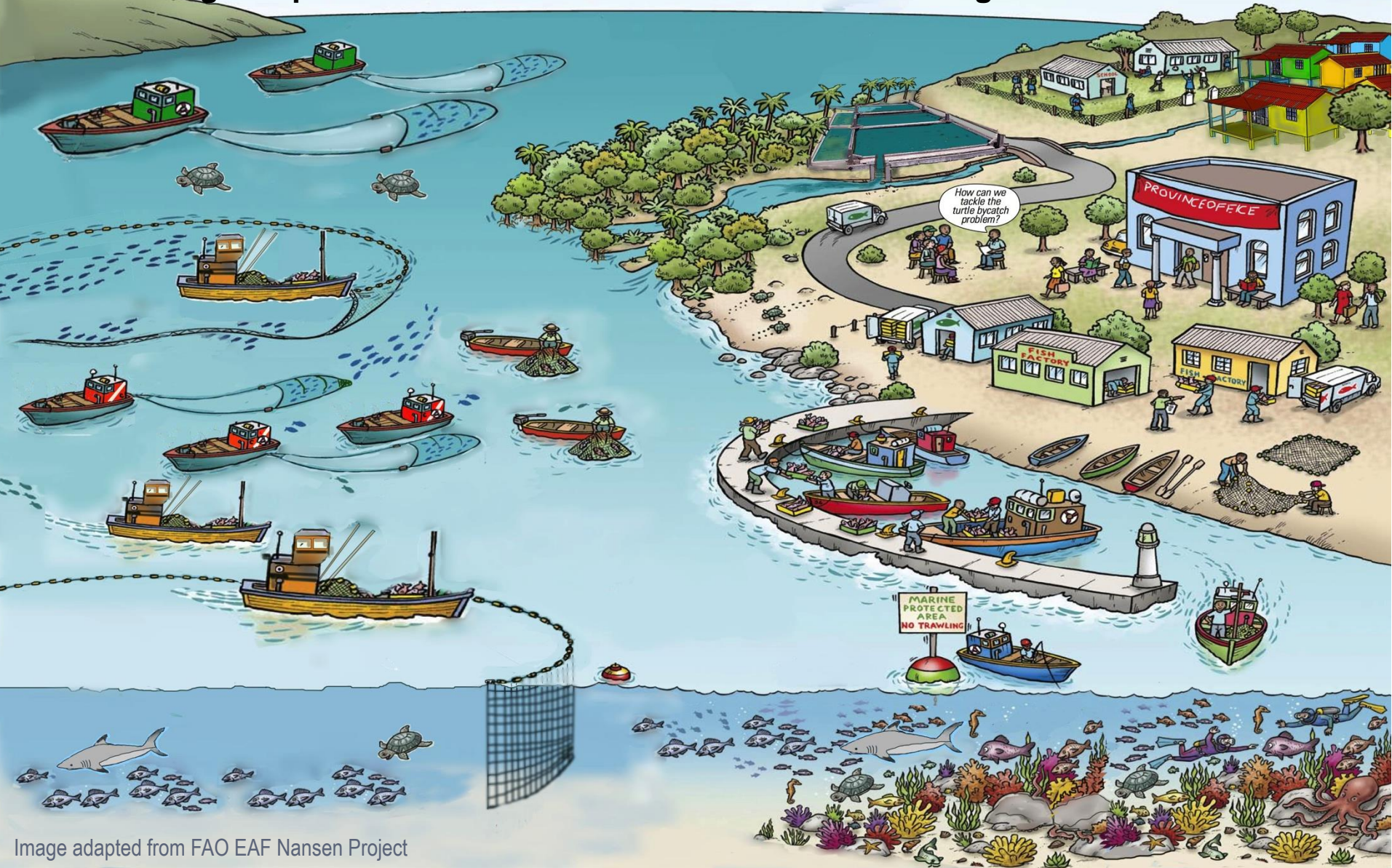
- Fisheries face many threats and issues that constrain us from achieving this vision
- In the past, fisheries management tended to ignore the fact that many issues are interlinked
- There is a need to holistically address all the issues impacting and/or impacted by the fisheries sector
- One such holistic approach is the **ecosystem approach**

What is an ecosystem?



What is an ecosystem?

A relatively self-contained system that contains plants, animals, micro-organisms and non-living components of the environment as well as the integrations between them





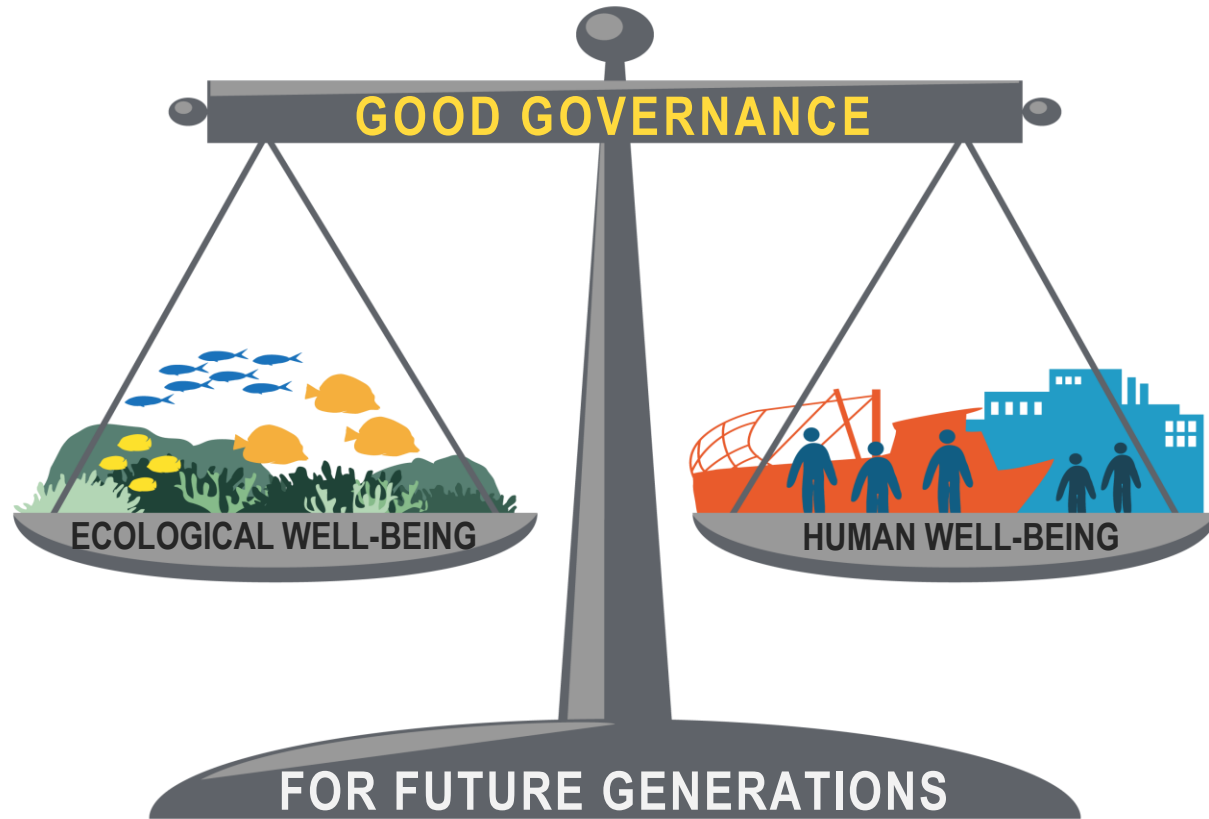
What is the Ecosystem Approach?

The ecosystem approach is “a strategy for the integrated management of land, water and living resources that promotes **conservation** and **sustainable use** in an **equitable way.**”

--Convention on Biodiversity (CBD 2000)

EA is an holistic approach to achieve sustainable development

Sustainable development of fisheries



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

EA + FM = EAFM




EAFM aims to maximize ecosystem benefits, resulting in increased food security & reduced poverty

- Fish for food
- Income
- Employment
- Livelihoods
- Trade
- Coastal protection

Key principles of EAFM



**1. Good
governance**



**2. Appropriate
scale**



**3. Increased
participation**



**4. Multiple
objectives**



**5. Cooperation
& coordination**

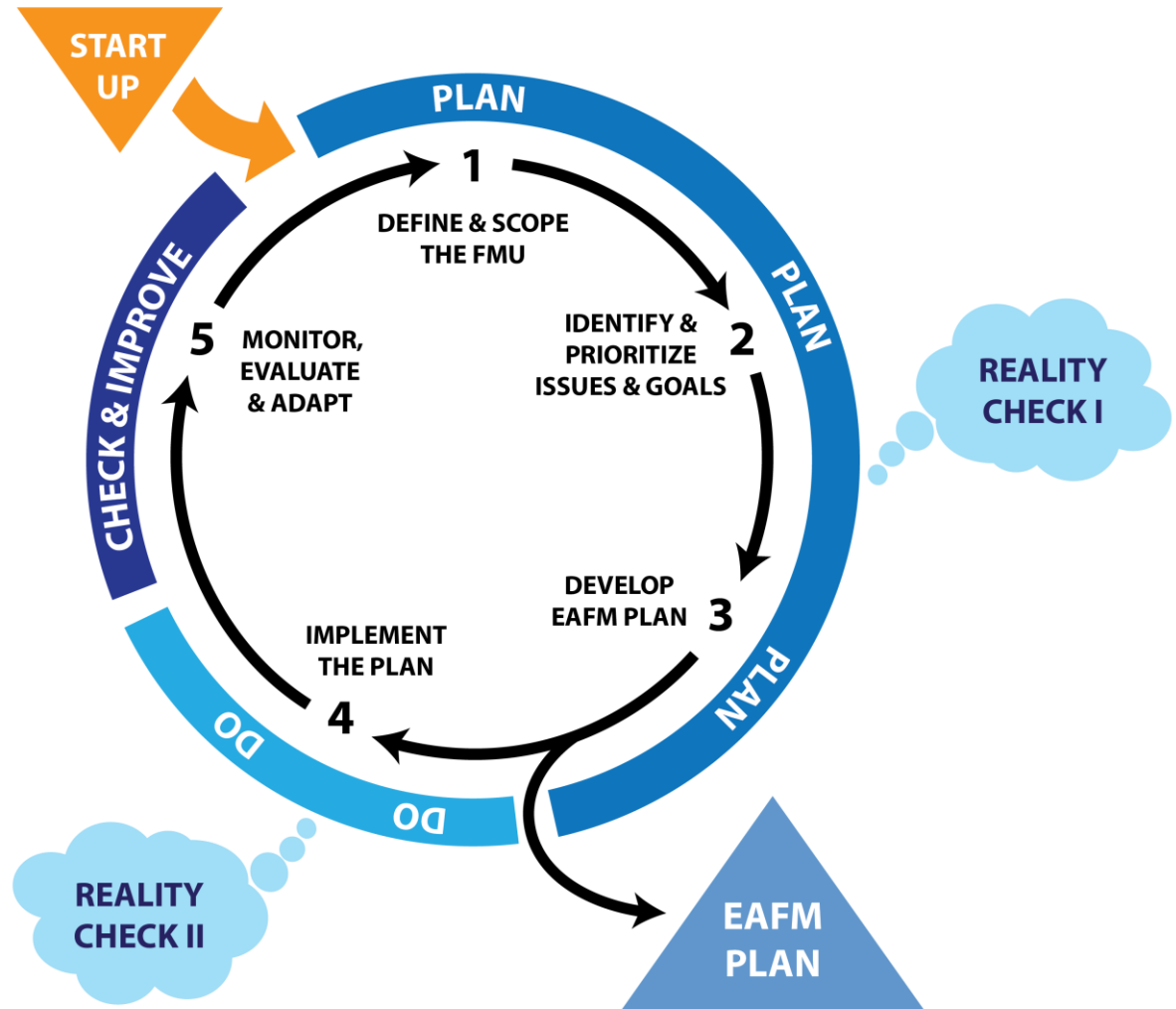


**6. Adaptive
management**



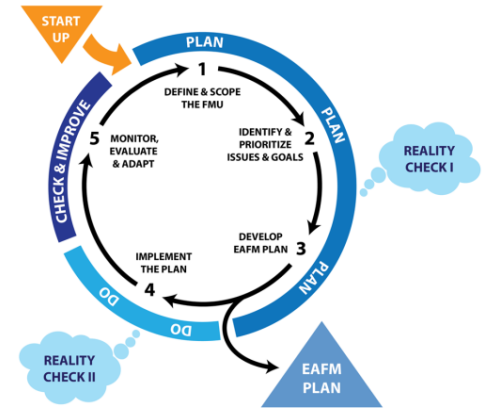
**7. Precautionary
approach**

The 5 steps of EAFM



Startup A

A. Prepare the ground



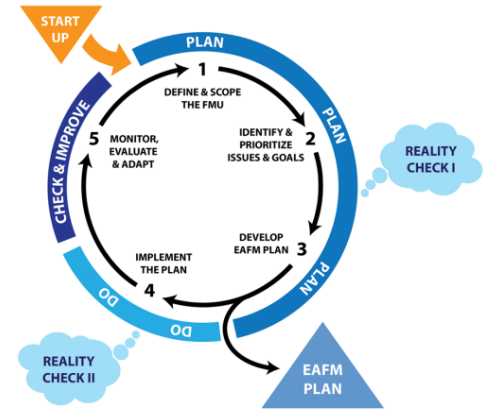
- Identify who should be involved
- What is planned to happen (plan for the process)
- Decide on the general location

Startup B

B. Stakeholder engagement

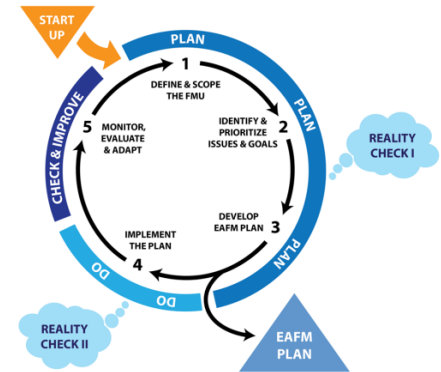
Engage stakeholders for:

- Participatory planning
- Co-management

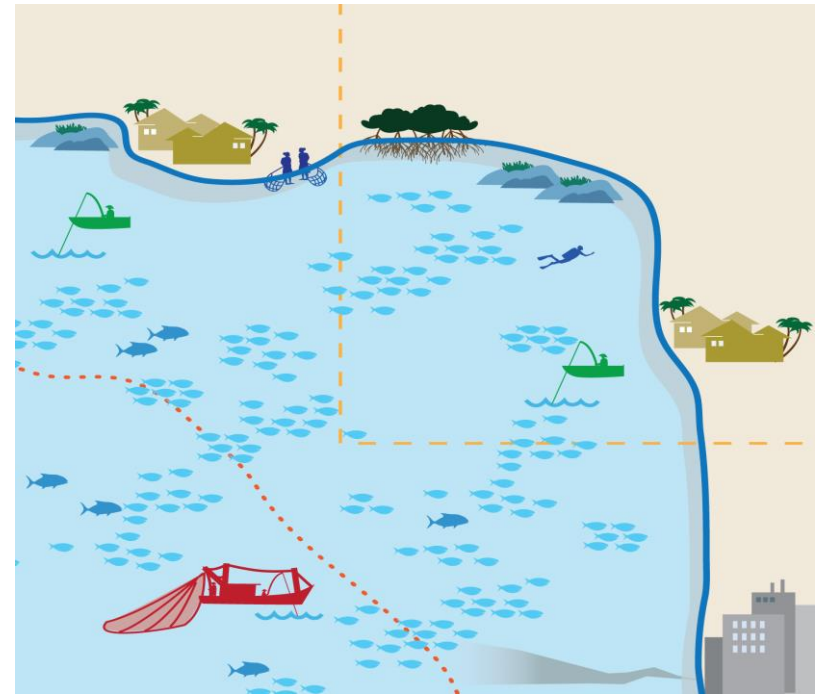


Step 1

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

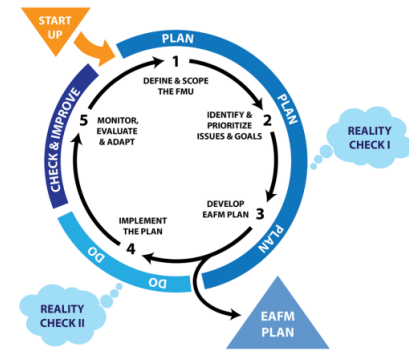
Identify & prioritize issues & goals



Identifies the high priority issues and sets goals

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

Reality check I



**Are the goals
achievable?**

Reality check I

- Constraints & opportunities
- Facilitation / skills
- Conflict management

Step 3

Developing the EAFM plan

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

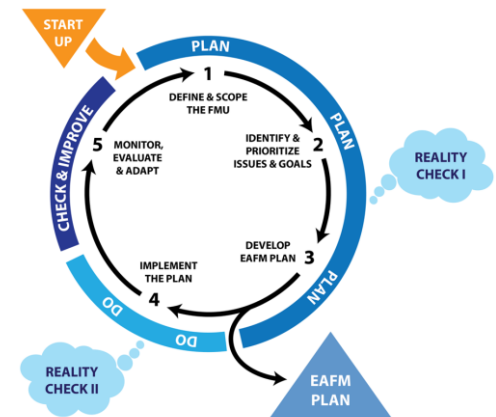
Develops the management framework



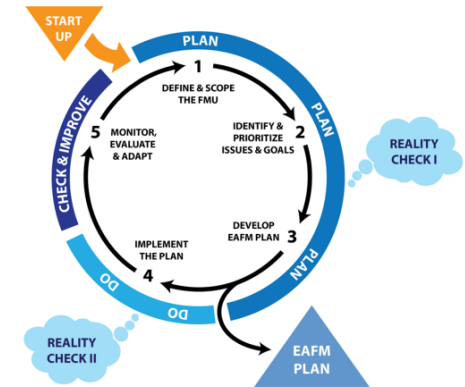
Step 4 Implement

4.1 Formalize, communicate and engage

Implements the plan through formalizing and communicating it



Reality check II



Checks whether the governance and supporting structures are in place

Reality check II

- Governance
- Co-management
- Supportive environment

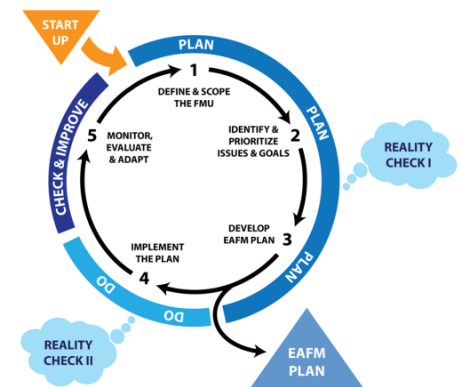
Step 5

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

Activity

What are the benefits of taking an ecosystem approach to fisheries management ?



1. Essential EAFM training package

2. EAFM LEAD (leaders, executives, and decision makers) “toolkit”

www.eafmlearn.org

