

10. Step 1: Define and scope the FMU

Essential EAFM

Date • Place



CORAL TRIANGLE INITIATIVE
ON CORAL REEFS, FISHERIES AND FOOD SECURITY

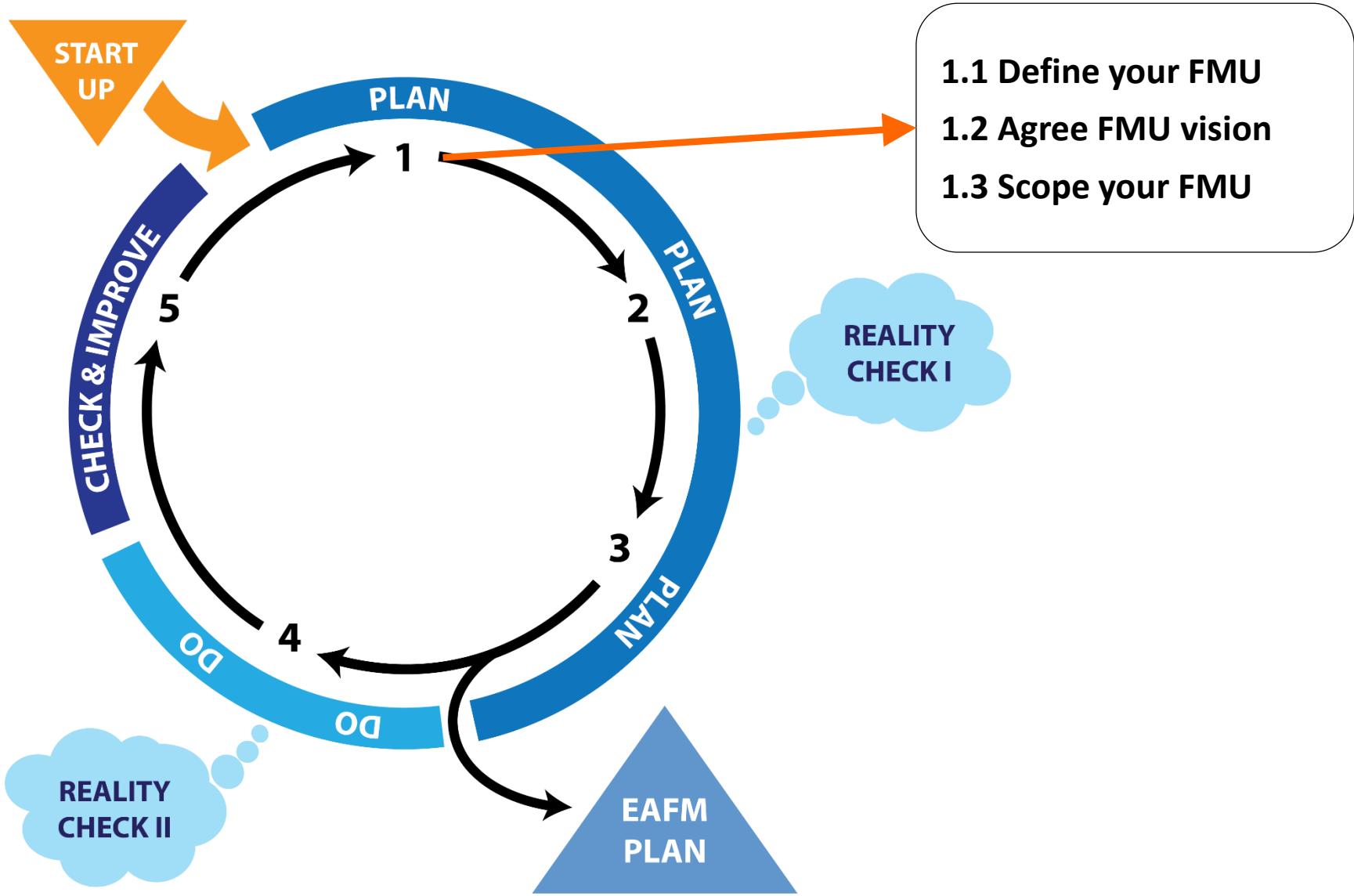


Norad



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Session objectives

After this session you will be able to:

- Describe FMU defining and scoping
- Undertake visioning and be able to agree on a vision



Remember

The startup tasks (Startup A & B) prepared us for the 5 EAFM steps:

- Initiate stakeholder engagement
- Facilitate co-management
- Engage stakeholders

Note that this dialogue was initiated in the start up but it continues throughout the whole process



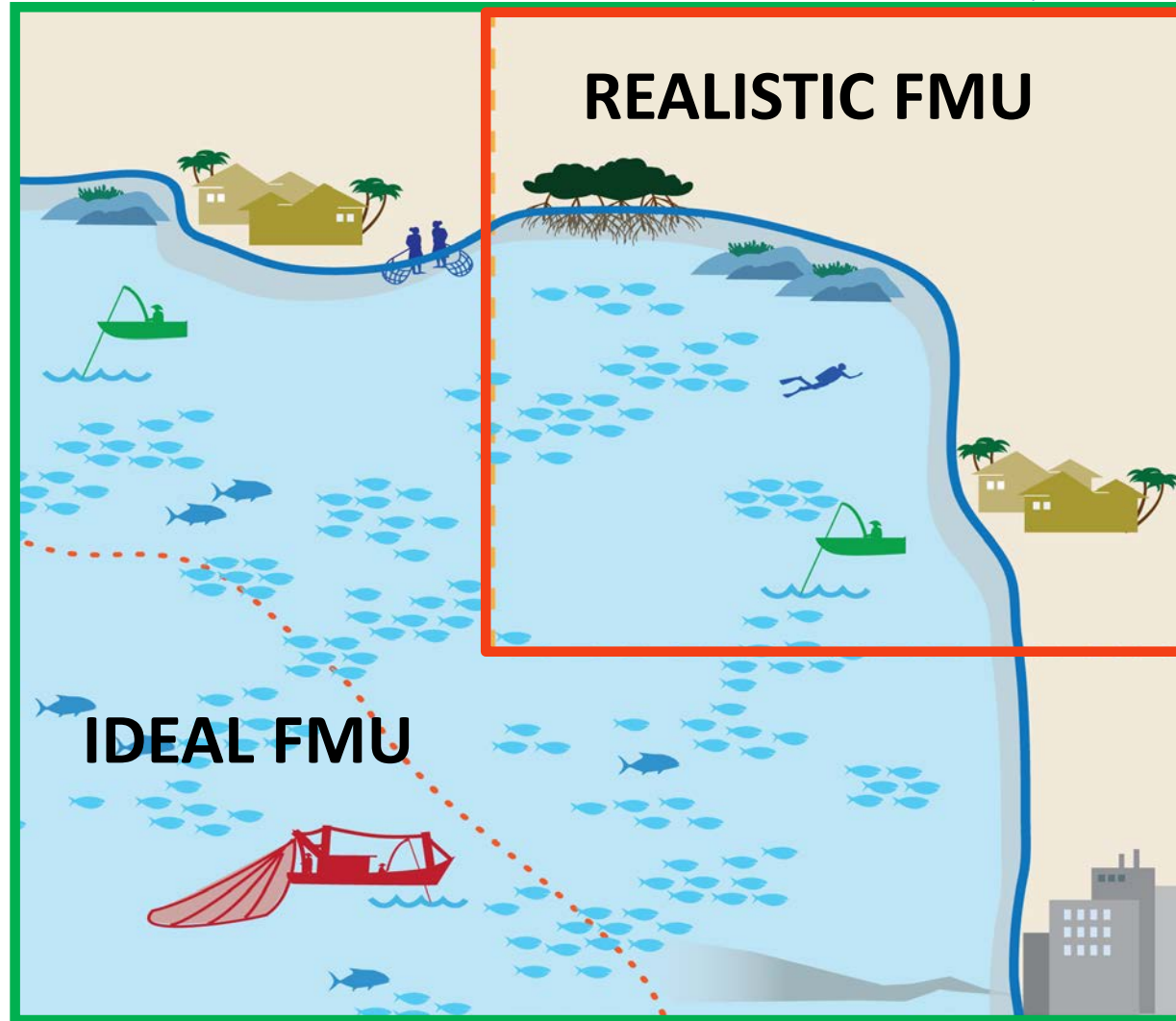
1.1 Define your FMU

Define your fisheries management unit (FMU)
i.e. the fishery and area you will manage.

The FMU should be:

- Multi-species
- Multi-gear, if catching the same species
- Multi-gear, if conflicts between them occur
- Multi-jurisdictional, if different jurisdictions involved

FMU: ideal vs. reality





Reality – dealing with what is not included

- Acknowledge lack of complete coverage of the FMU and consider this in the planning
- Engage “outsiders” in planning process, especially:
 - a stock(s) shared by two districts/ provinces/ countries
 - both small-scale and large-scale fishers harvest the same stock(s)
- Look for more appropriate scales later on in the process (e.g. joint management over several districts).

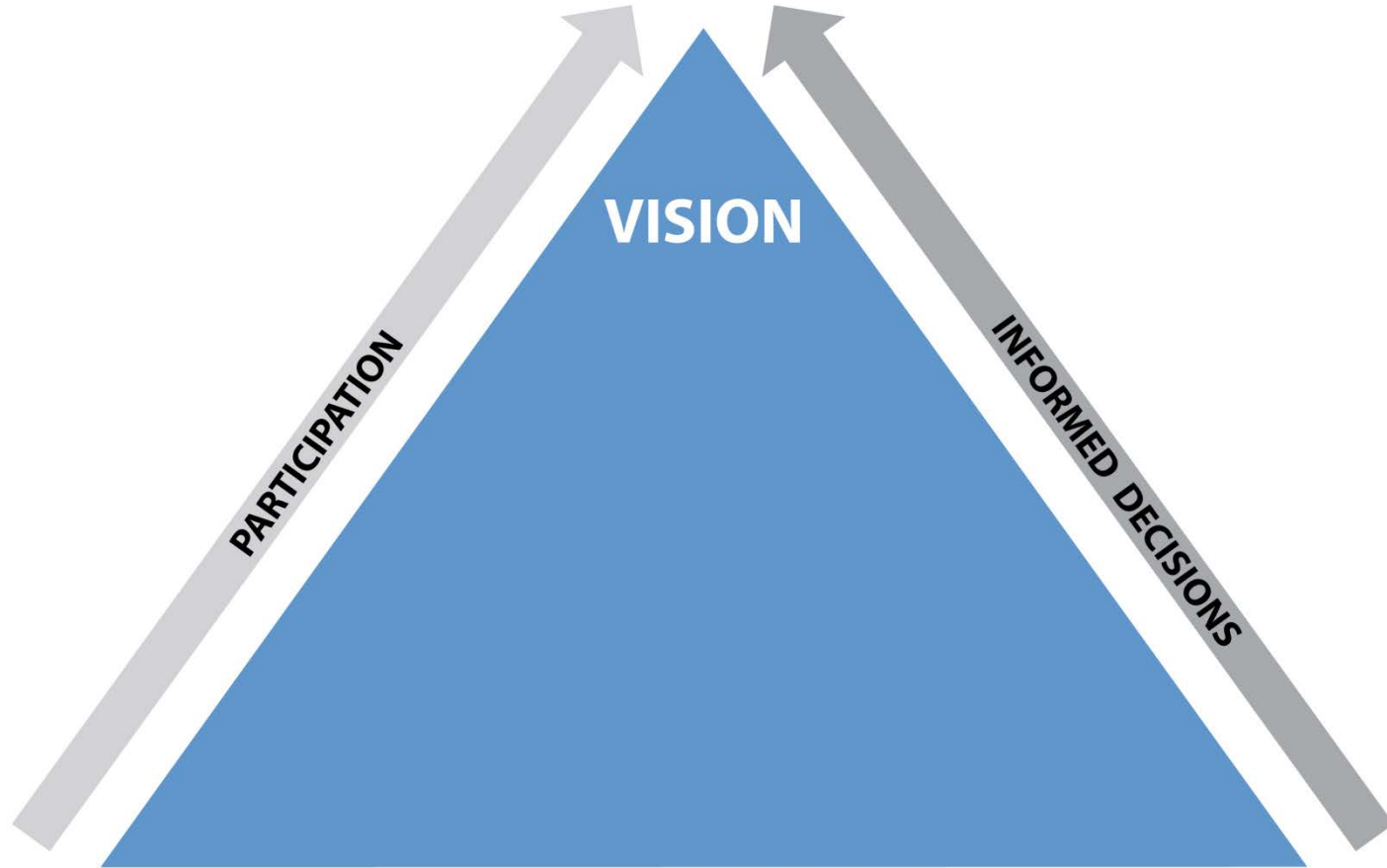


In Groups

Create a map of your FMU area. Include:

- Ecological boundaries
- Social boundaries (e.g. communities, fishing ports, etc.)
- Habitat areas
- Political jurisdictional boundaries (including national/province/district jurisdictions)

Building the EAFM plan

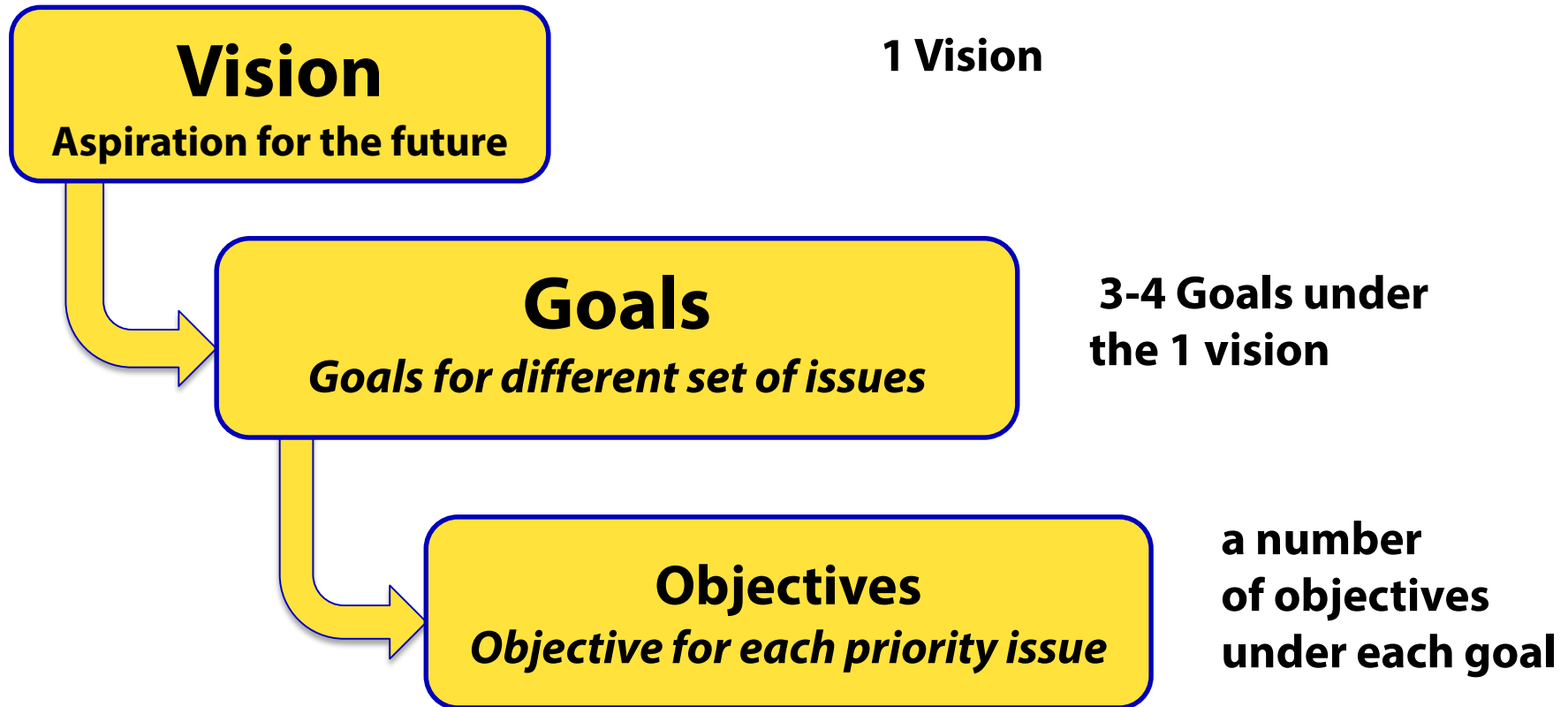




Vision, goals and objectives

- **Vision:** long-term aspiration (20-30 years) of what you would like the FMU to be like (as a dream)
- **Goal:** Shorter-term view (5-10 years) of what you are aiming for in terms of a set of issues (theme)
- **Objective:** What you are trying to achieve in terms of a specific issue

The hierarchy (levels)





1.2 Agree on FMU vision

What should FMU look like in 20-30 years (outcome of management)?

May include:

- Increased benefits to stakeholders
- Sustainable use of the resources
- Increased ecosystem services

Activity:

Agree on broad management vision for your FMU



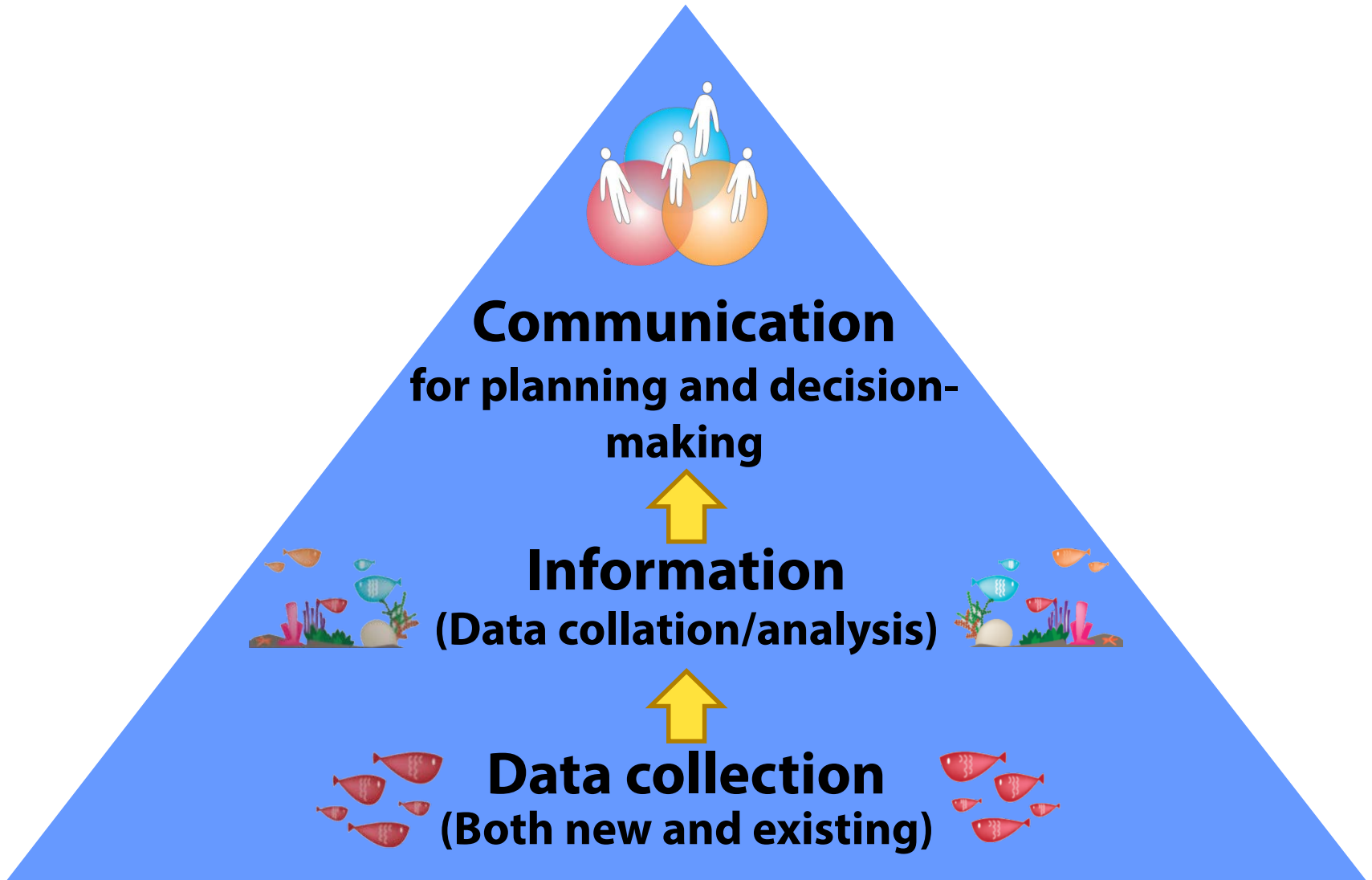
1.3 Scope the FMU : collate background information

You have defined the FMU and have a vision.

Now, the FMU needs to be scoped for relevant and useable information to serve as:

- Basis for planning and management activities (as included in the EAFM plan)
- Baseline for future monitoring and evaluation (M&E)

Scoping includes



Types of data

Qualitative data (informal)

Analyze “how and why”

e.g.
structured and semi-structured interviews (includes focus group);
surveys using open-ended questions;
participatory methods;
observation;

Quantitative data (formal)

Numerically measure “who, what, when, where, how much, how many, how often”

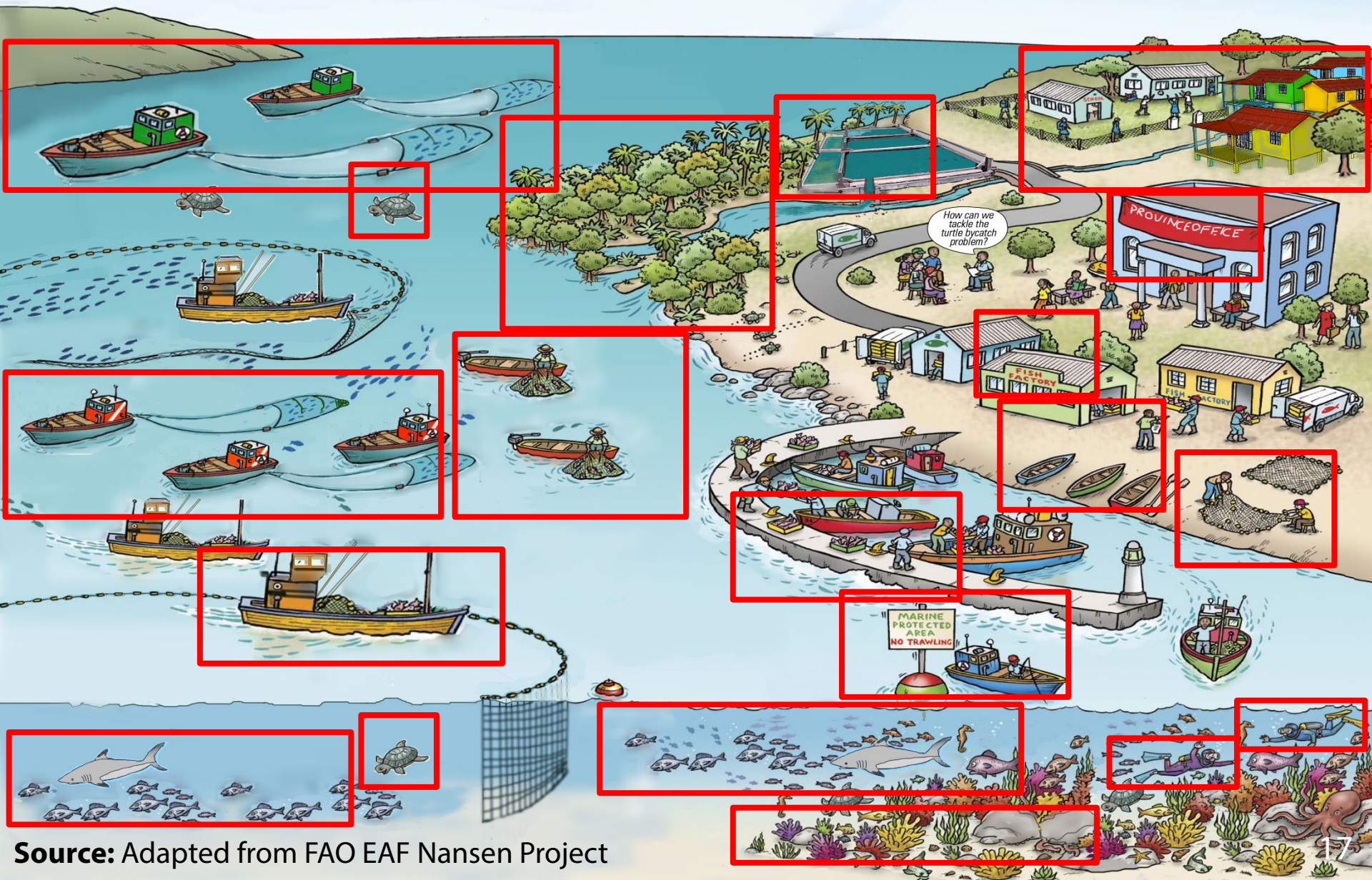
e.g.
standardized interviews;
biophysical surveys;
surveys using closed questions



Information needed for the three components

- Ecological (including the fish)
- Human (including socio-economic)
- Governance (including legal and institutional)

Information needs





Existing and new information

Large amount of data and information already collected;
need to know where to find it:

- **Fishery statistics**

- catch, effort, stock assessment, economics

- **Research results**

- biological/ecological, habitat, environment

- **Socio-economic data**

- who and how people use the resource and how they benefit

- **Annual reports**

- what the current governance arrangements are

May have to collect some new data



After scoping...

Share and check the findings with stakeholders

Stakeholders can provide valuable information that you have missed

Remember this is not final and should be reviewed and added to periodically as more information is generated

Sharing with stakeholders

Share information on the FMU and stakeholders based on the start up work: map and Venn diagram



Seek agreement on the FMU and the major stakeholders

Share findings on fishery background



Discuss the background information, asking stakeholders to identify mistakes and gaps

Share vision



Discuss the broad vision and adjust if necessary



***Now finished Step 1.
We can start writing an EAFM plan***

EAFM Management Plan for FMU X

1. Vision (Step 1)

2. Background (Step 1)

Possible subheadings for 2:

- The fisheries management unit
- History of fishing and management
- Current status of the fishery
- Existing management arrangements
- Socio-economic benefits
- Special environmental considerations
- Institutional aspects



Key messages

In Step 1:

- The fishery and boundaries of the FMU of the unit to be managed are agreed (FMU)
- A common vision for the FMU is developed with stakeholders
- Background information on the FMU is collated and shared



In your groups

Identify:

1. Types of information you would collect for scoping
Tip: Look at the different headings of the EAFM plan background section
2. What methods might you use?
3. What sources of information would you use?
4. Record your outputs on a flipchart