

# Session 14

## Environmental Data Management Country Issues

# Session purpose

The **Inform project** addresses **several common problems** in the Pacific region

To better understand national challenges, context and issues, including the following:

1. Why evidence of the status and trends of environmental resources and drivers of environmental change is hard to access
2. Challenges with data and information management
3. Lack of timely access to available information for (inter)national reporting and planning

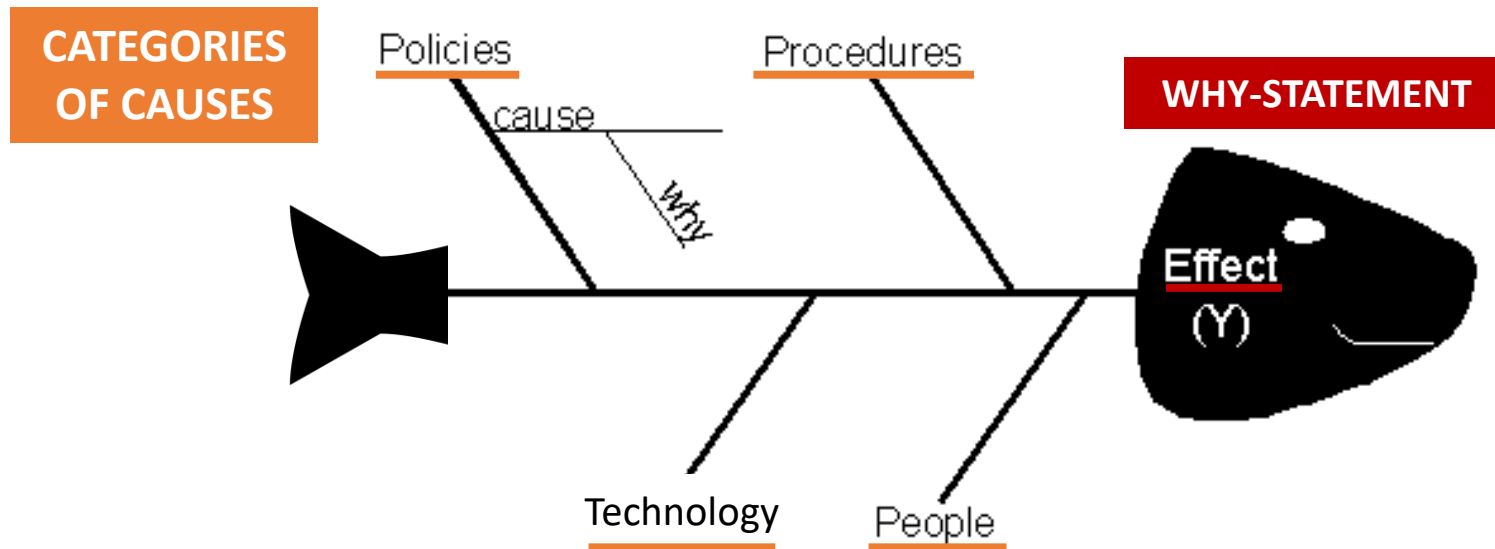
The discussion in this session is an opportunity **analyze the root causes** of these problems

→ Ensure delivery of **Tailored solutions** to these problems

# Discussion methodology

## Fishbone Diagram = The Cause and Effect Diagram

Analysis of a problem



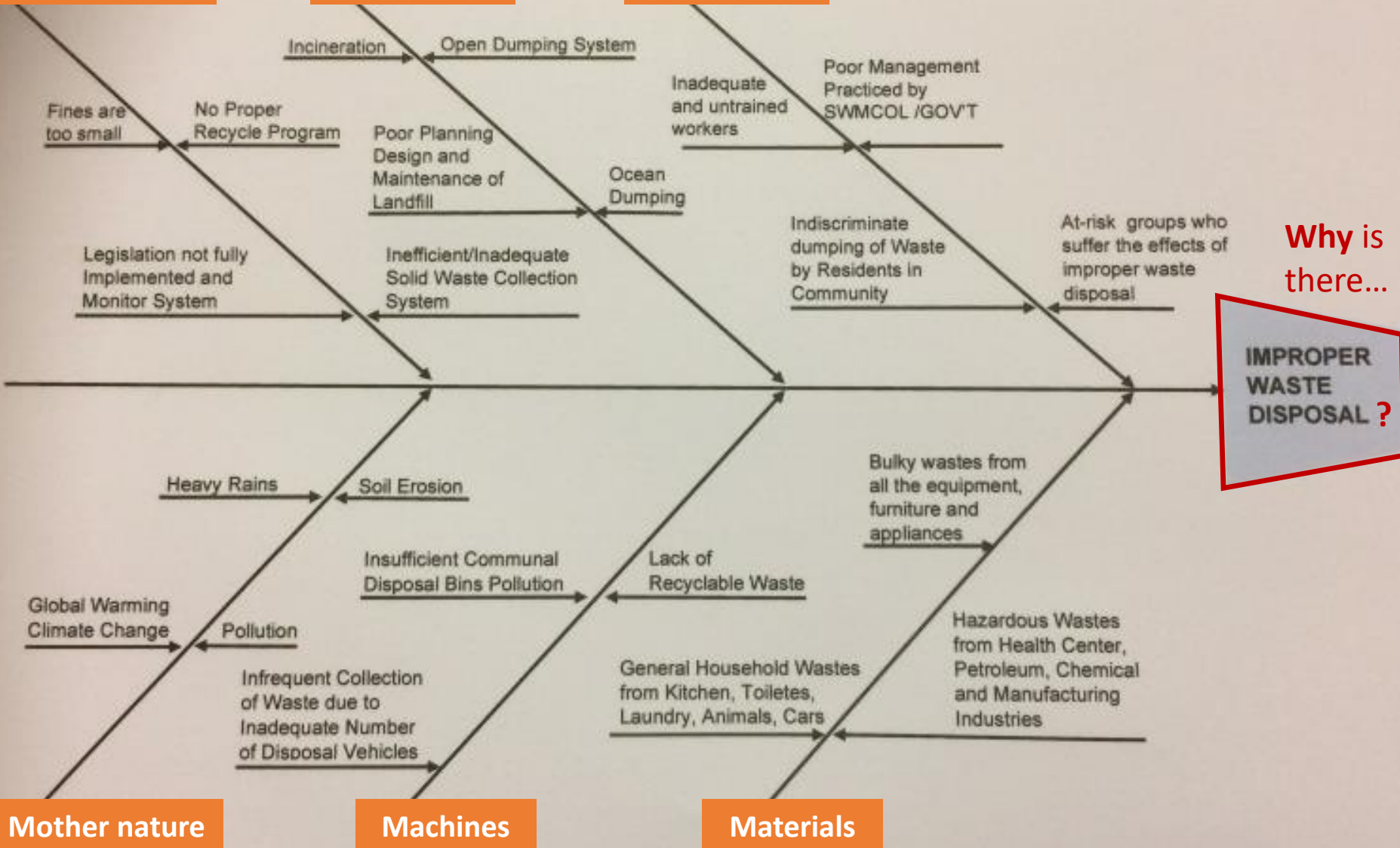
visually display the many potential causes for a specific problem or effect

# CAUSE AND EFFECT DIAGRAM

## Management

## Methods

## Manpower



# Methodology

- 1) Split into **3 groups** (Polynesia, Melanesia, Micronesia)
- 2) **Draw fishbone structure** (head, main bones)
- 3) Agree on **Why-statement**: stating the problem (effect)
  - Place the Why-question at the head of the fish
- 4) Agree on major **Categories of causes** of the problem
  - Place categories of causes on the top of the fish bones
- 5) **Brainstorm** all possible causes of the problem
  - attach causes to extra bones of the fish
  - Ask “**Why does this happen**” for each cause, to drill down
- 6) **Prioritization**: identify top 3 root causes
  - each person gets 3 sticky dots to paste individually
- 7) **Presentation** of fishbone by each group
- 8) **Validation** of prioritized root causes-circle
- 9) **Discussion on solutions**

# Fishbone Diagram structure

## CATEGORIES OF CAUSES

- Procedures
- Materials-Equipment
- ...

