

Outlining plans for sargassum management by the public and private sectors as well as by civil society

Sargassum Symposium 2
University of the West Indies
Cave Hill Campus, Barbados
21-22 November 2018

**The aim of this presentation is
simply to set the scene and context
within which we share experiences
and lessons to plan management**

Using what we have learned

Sargassum may not become a disaster

- But we can learn from disaster risk management

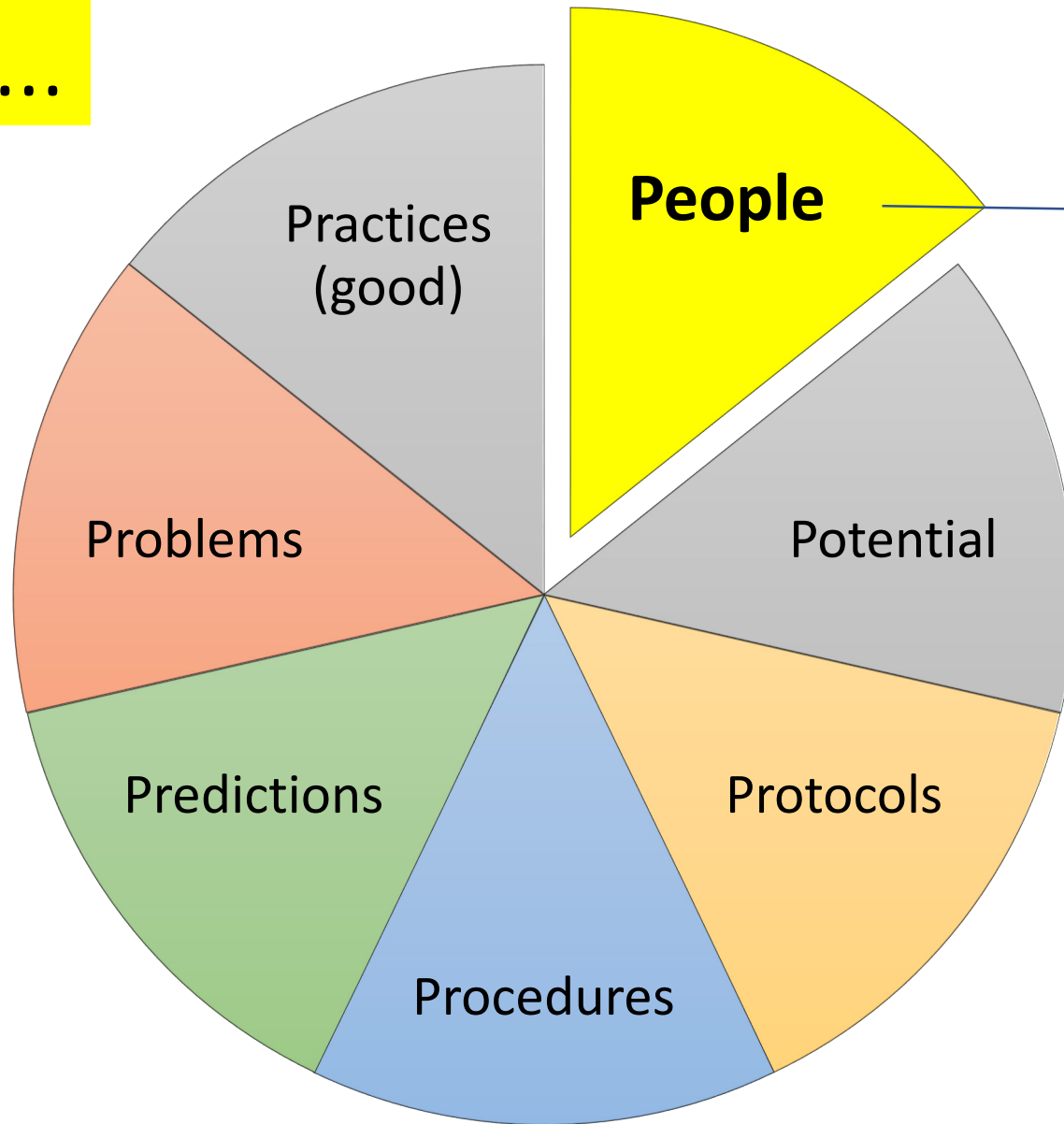
Sargassum is not an invasive species

- But we can learn from lionfish as a new surprise

Sargassum is not many other things

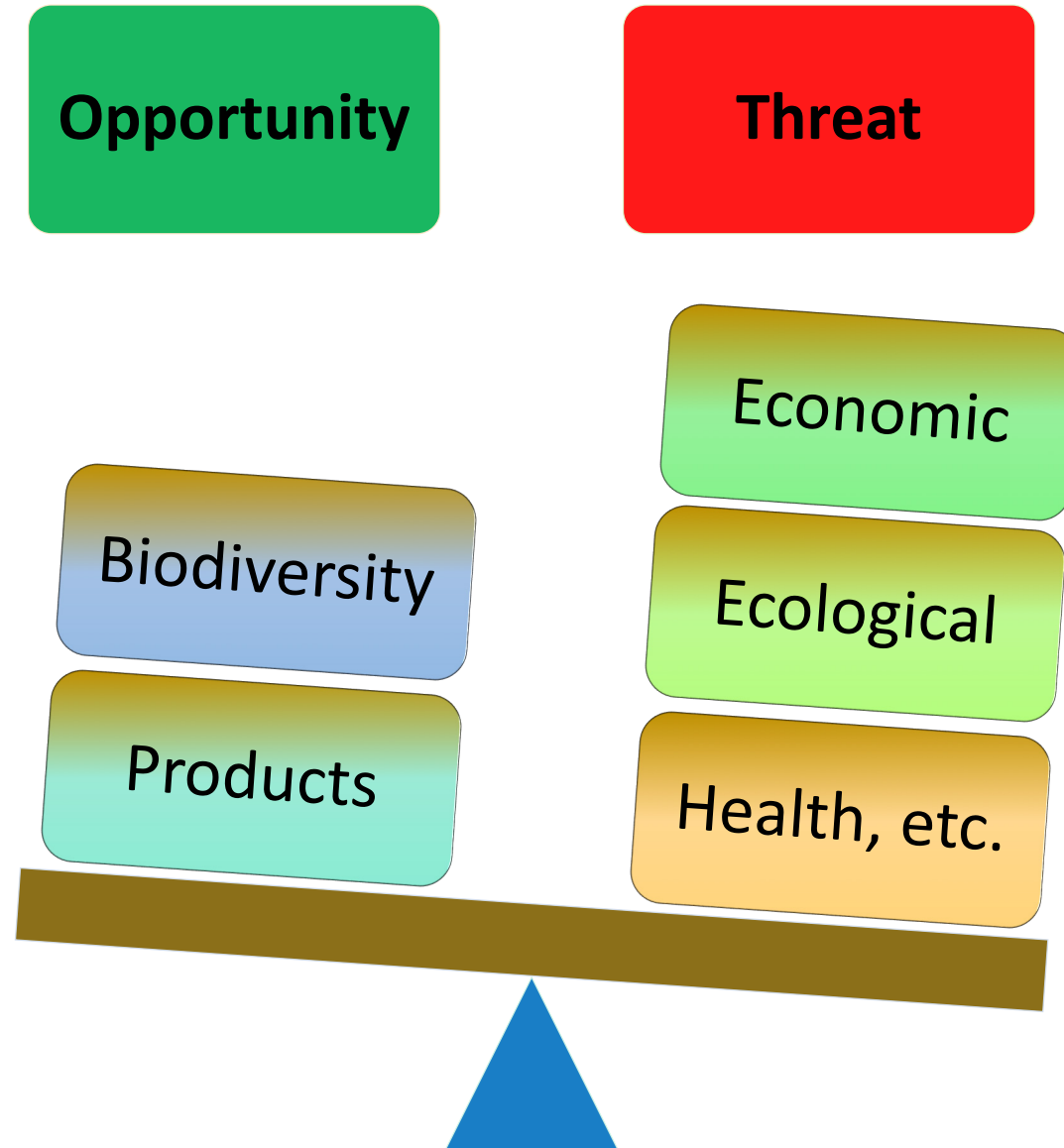
- But we have experiences we can apply to address it

Plenty...



with good ideas
to contribute to
management plans

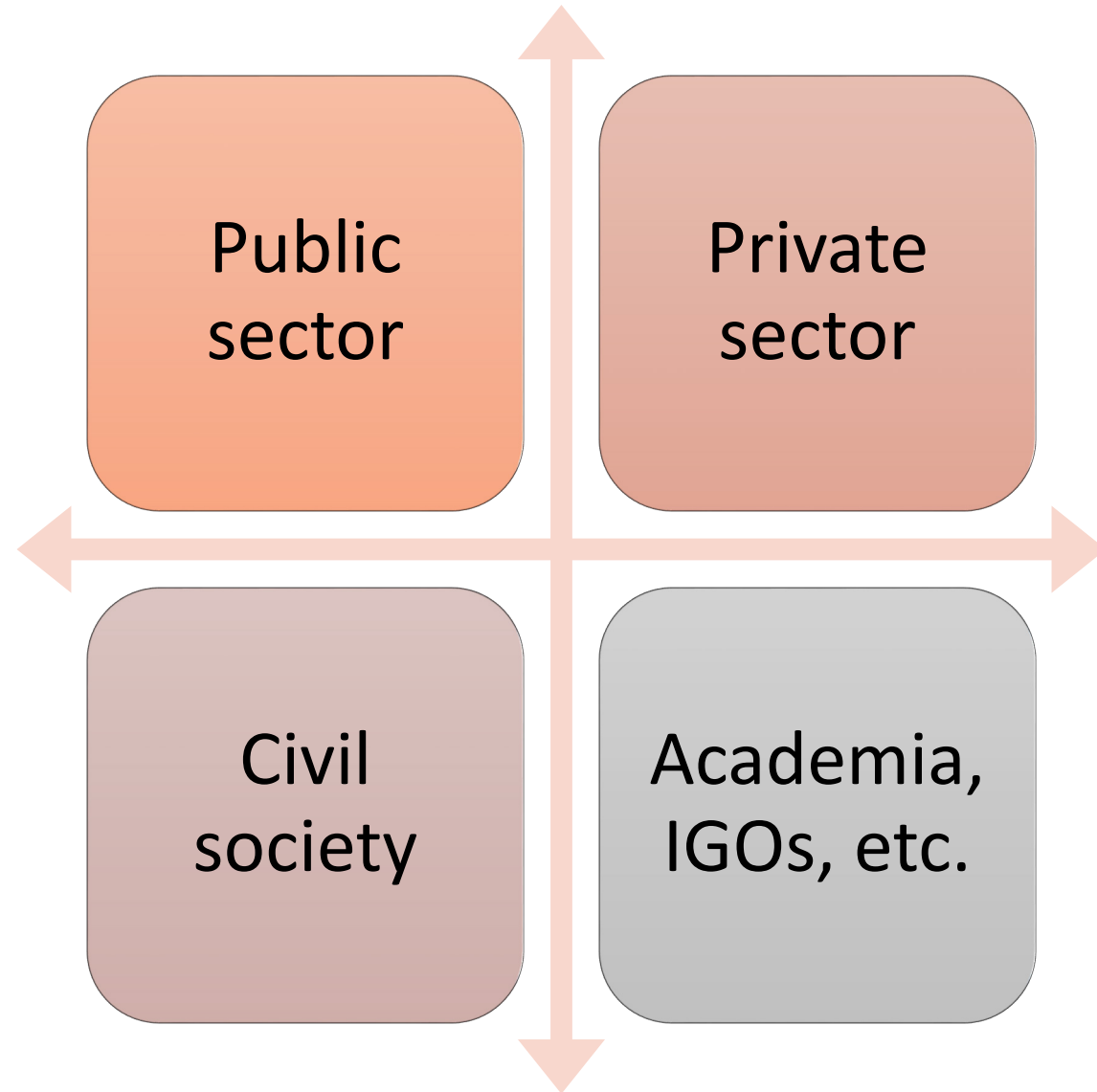
Balancing the planned
response to sargassum
as an opportunity
as well as a threat



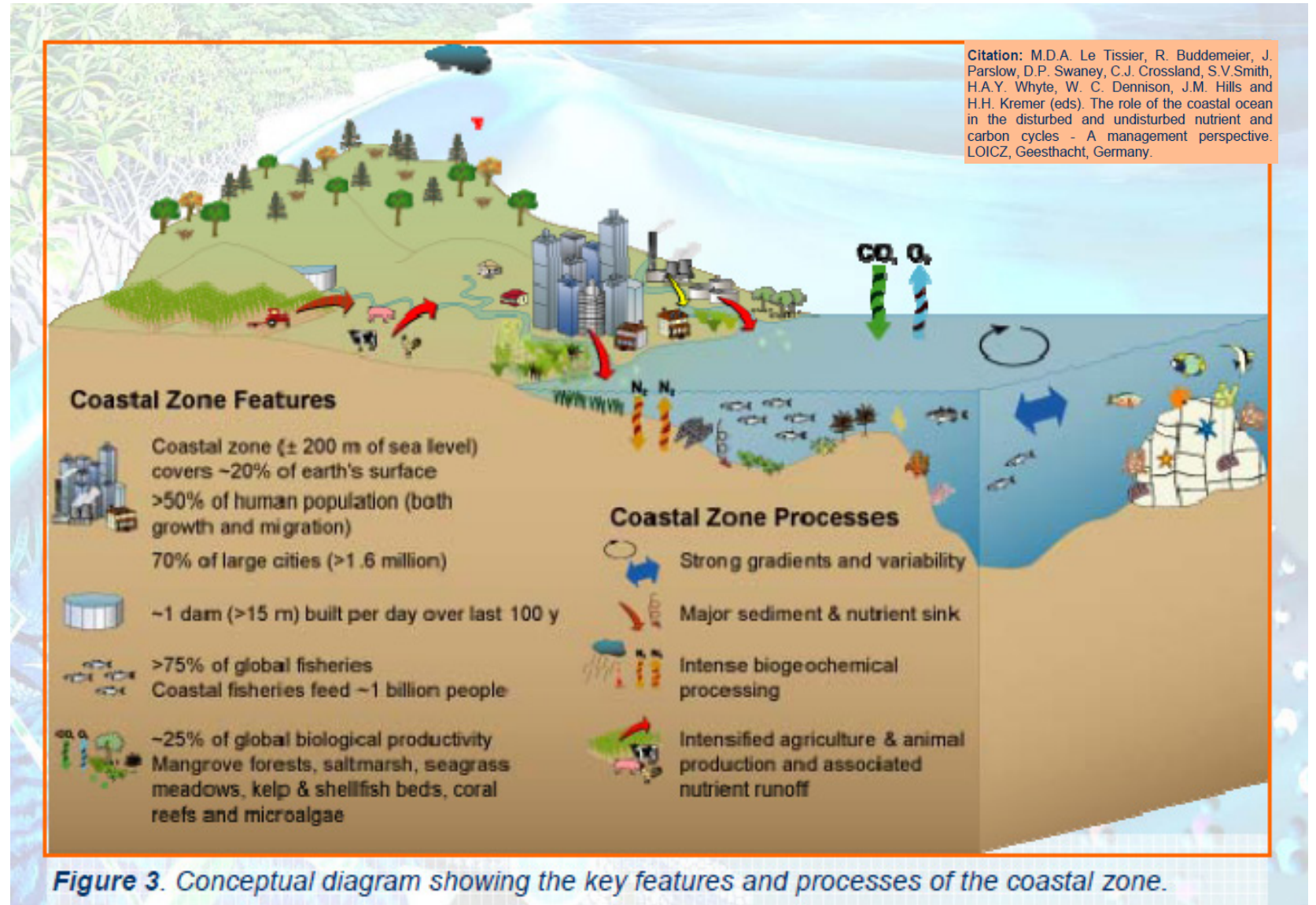
Multi-level planning and
management is essential



Intersectoral coordination is
essential for management



Although coastal zone features are critical to sargassum management from human perspectives, links to upper watersheds and to oceanic waters are also taken into account



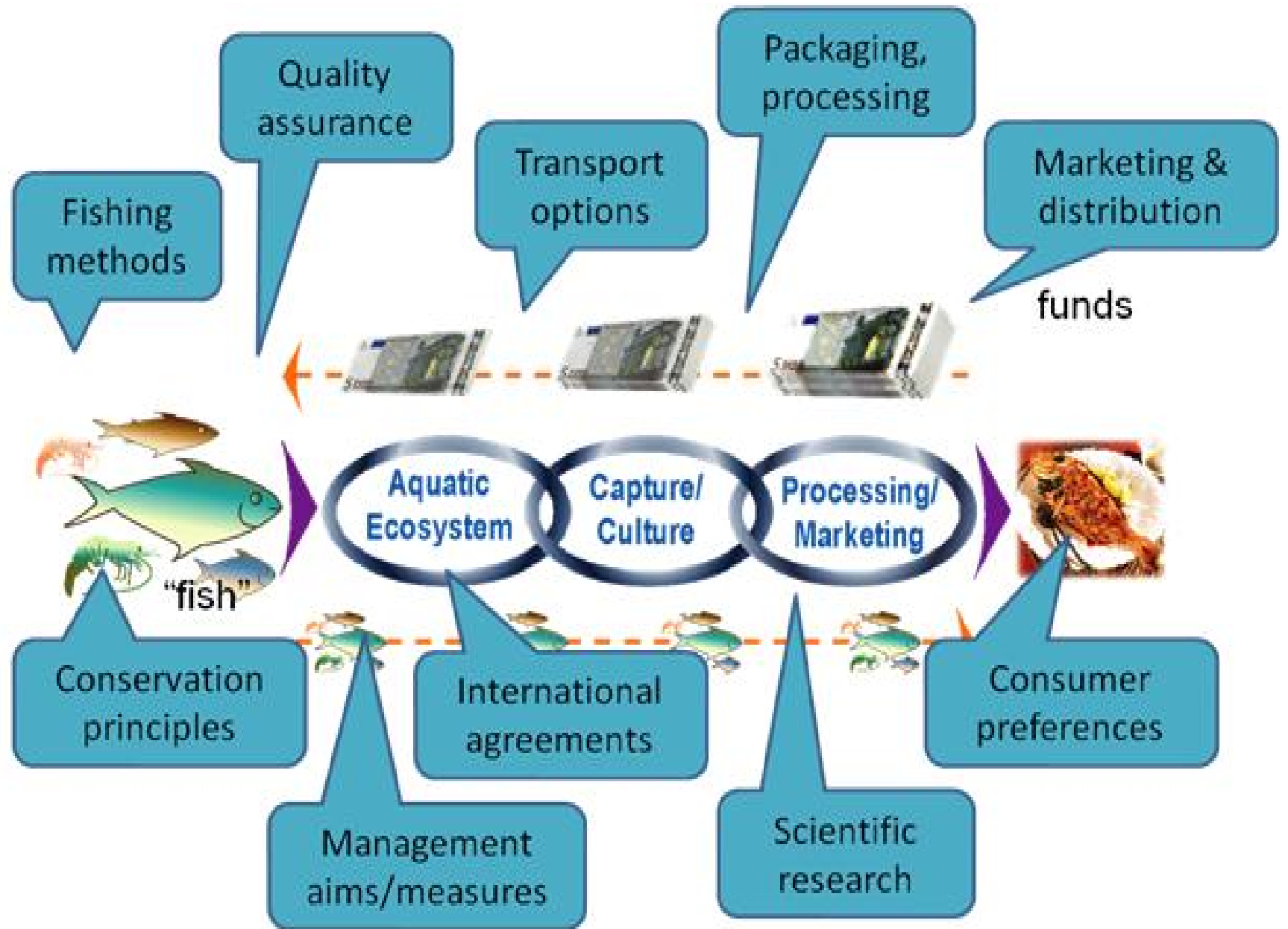
Know who are the
key stakeholders...

...and who are the
interested others



(Source: GCCA training presentation)

Address the entire value or supply chain in fisheries, tourism and other sectors



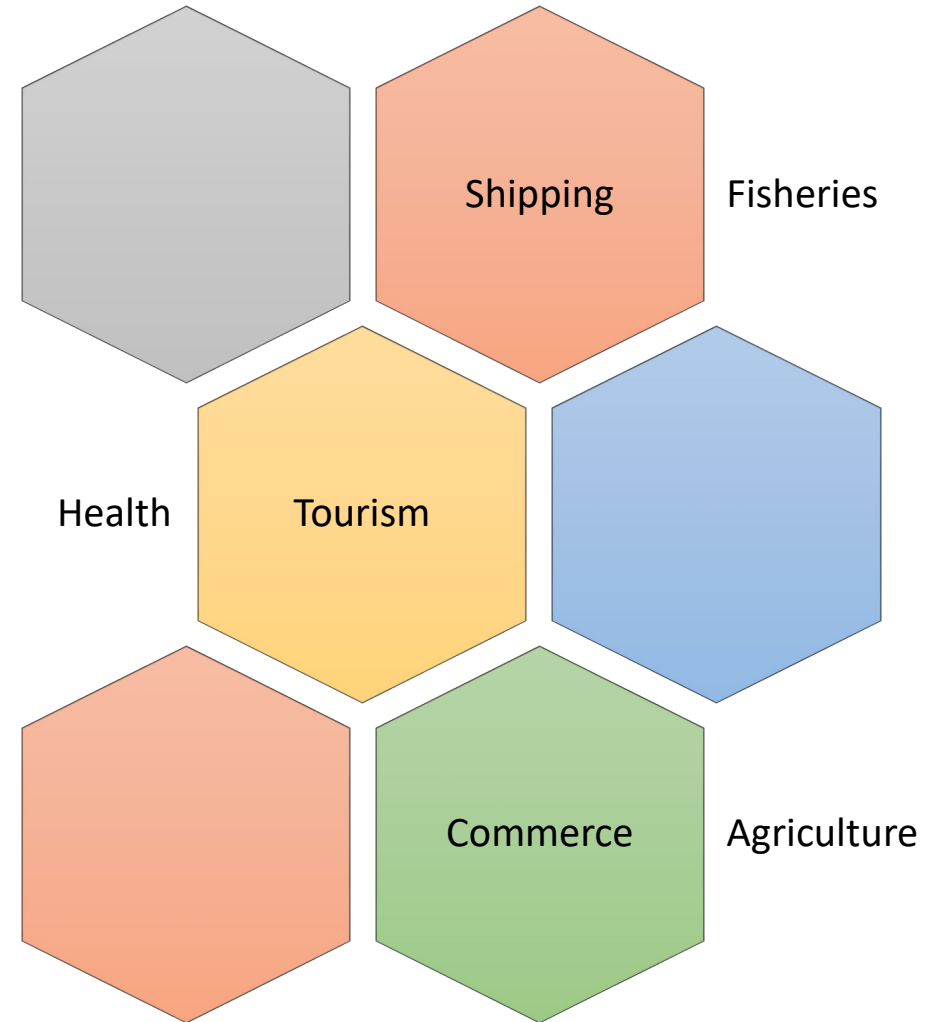
Good practice guidelines for successful National Intersectoral Coordinating Mechanisms (NICs)

S. COMPTON, P. McCONNERY, I. MONNEREAU, B. SIMMONS AND R. MAHON

CLME+ COMMUNICATION — CERMES Technical Report No. 88



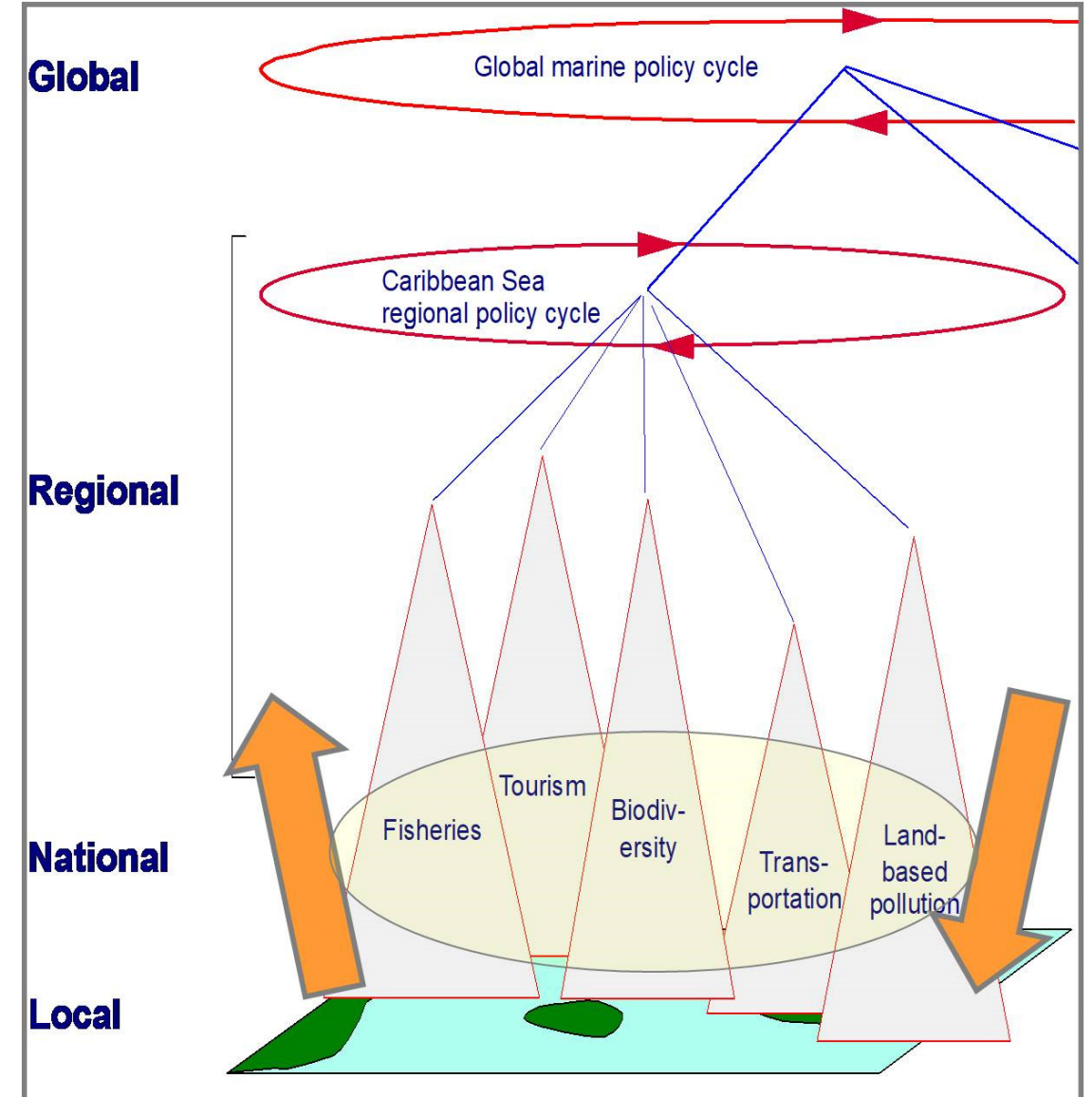
Need well-functioning national intersectoral
coordination mechanisms (NICs) everywhere



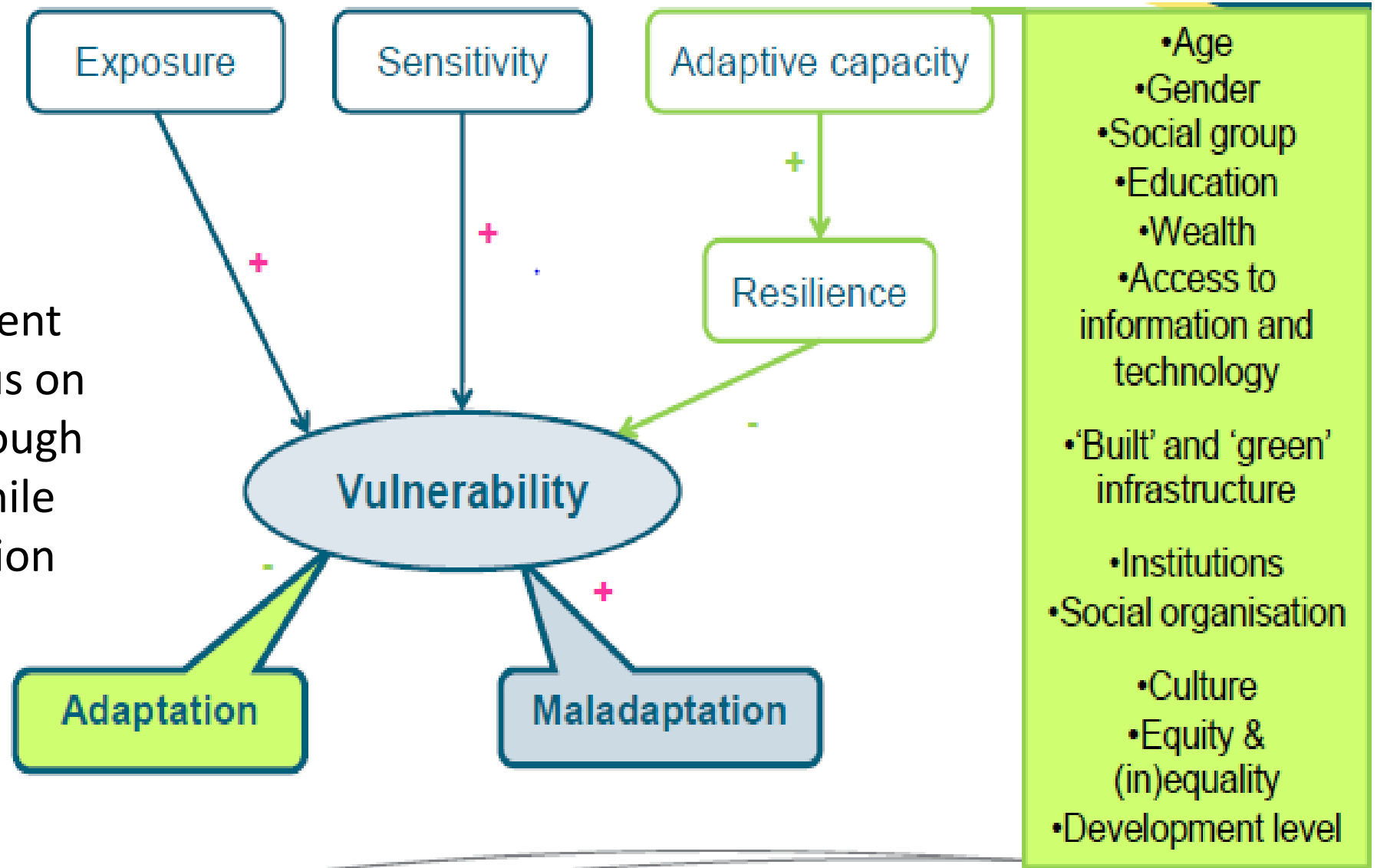
NICs are good for...

- ✓ Ecosystem approach to fisheries (EAF)
- ✓ Ecosystem based management (EBM)
- ✓ Disaster risk management (DRM)
- ✓ Climate change adaptation (CCA)
- ✓ Integrated coastal management (ICM)
- ✓ National development planning (NDP)
- ✓ Public-private partnerships (PPP)

... and sargassum too

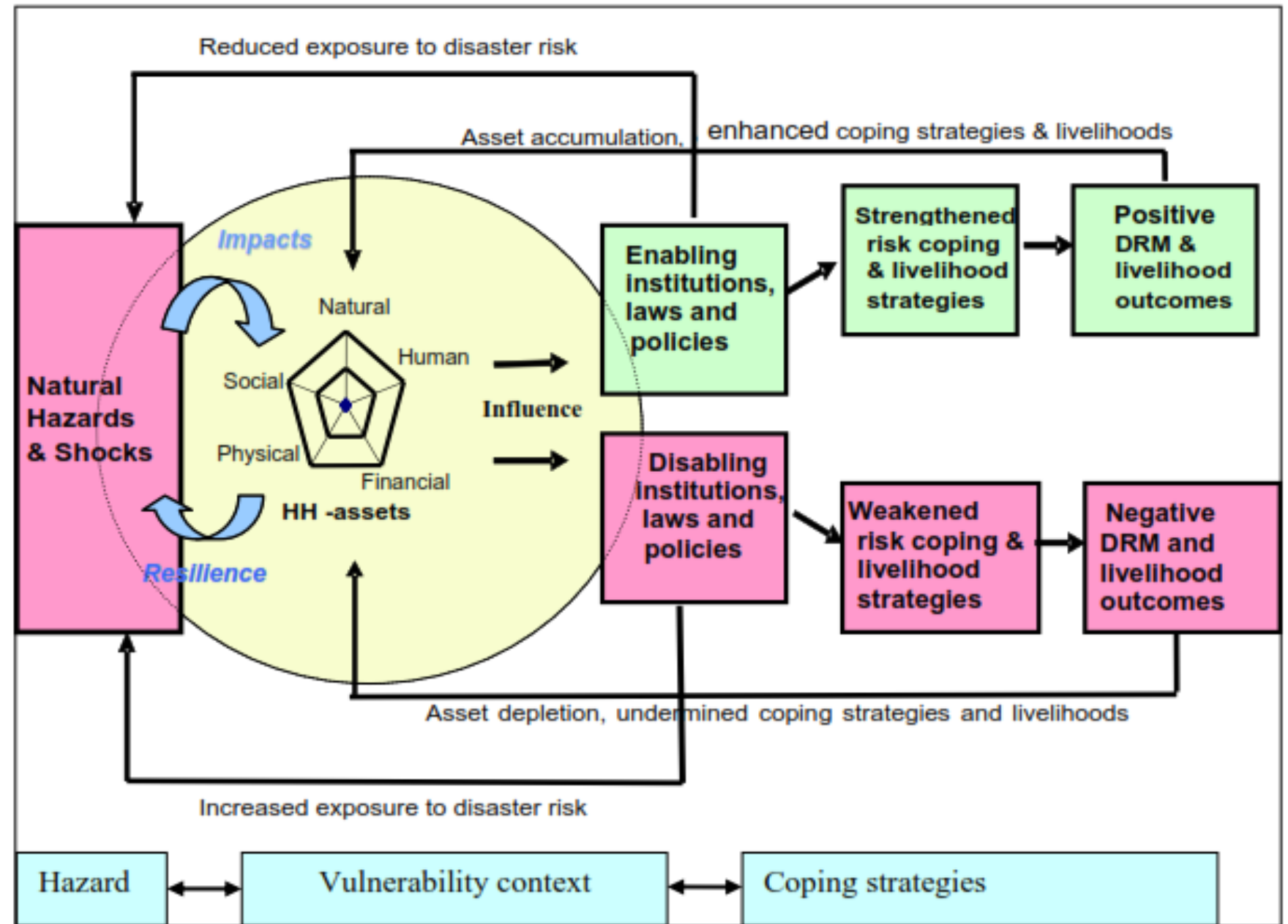


Sargassum management planning needs to focus on building resilience through adaptive capacity, while reducing maladaptation



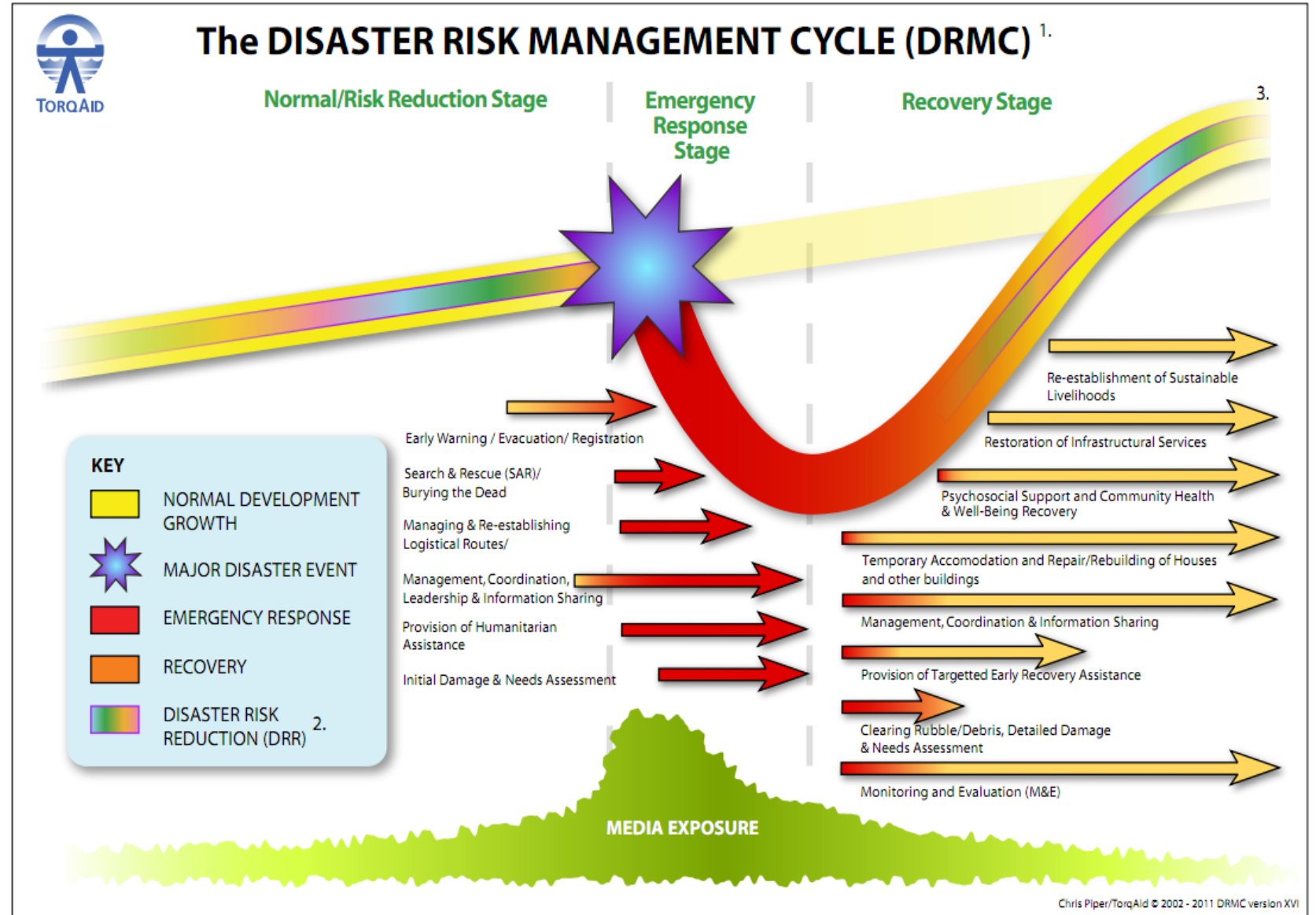
(Source: Global Climate Change Alliance)

Turning sargassum from a being only a livelihood threat into being an opportunity, for as many people as much of the time, should be an aim ... coping → adapting



(Source: Bass and others 2008)

While sargassum influxes seldom result in national disasters the DRM cycle is useful for management plans, especially in recovery



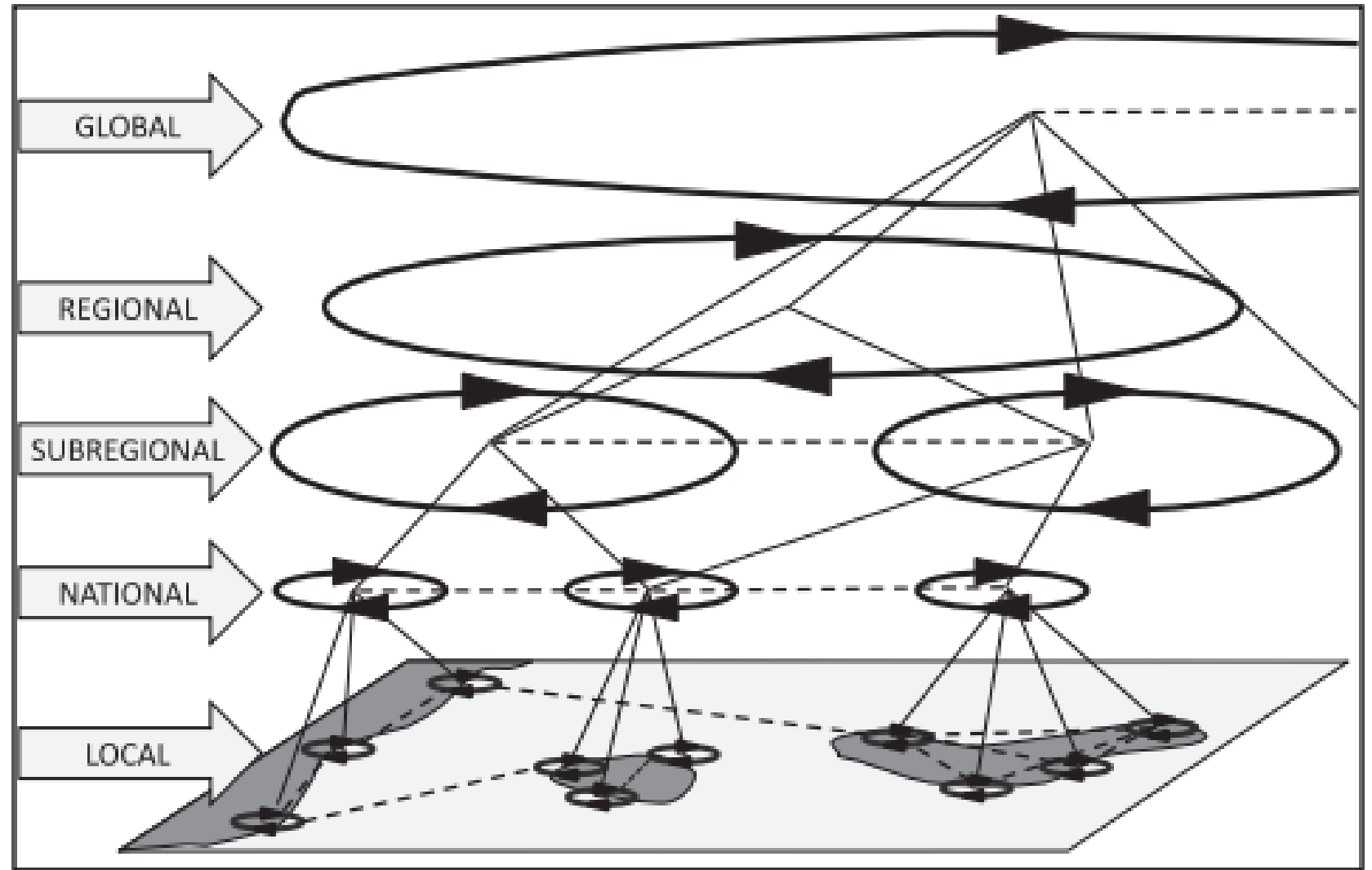
^{1.} This mainly applies to a relatively quick-onset disaster (such as Cyclone, Flood, Earthquake, Tsunami, Bushfire etc), rather than a slow-onset one such as Famine (due to Drought/War)

^{2.} For details of this see the Disaster Risk Reduction (DRR) diagram ^{3.} Ideally in the recovery stage the community is able to 'Build Back Better'

Sargassum spurs
entrepreneurship
opportunities

Scaling the
investment
to intensity
& location
of influxes,
and beyond

Sargassum



Collaborative planning and adaptive capacity for building resilience





**THE CARIBBEAN
REGIONAL RESPONSE MECHANISM**

**Regional Coordination Plan
2017**

2017

PART 1: BASIC PLAN

1. Introduction
2. Elements of the Plan
3. Purpose
4. Objectives
5. Assumptions
6. Scope
7. Authority
8. Institutional Framework
9. Triggering Mechanism
10. Concept of Operations
 - a) Pre-influx
 - b) Influx impact
 - c) Post influx

PART 2: FUNCTIONAL ANNEXES

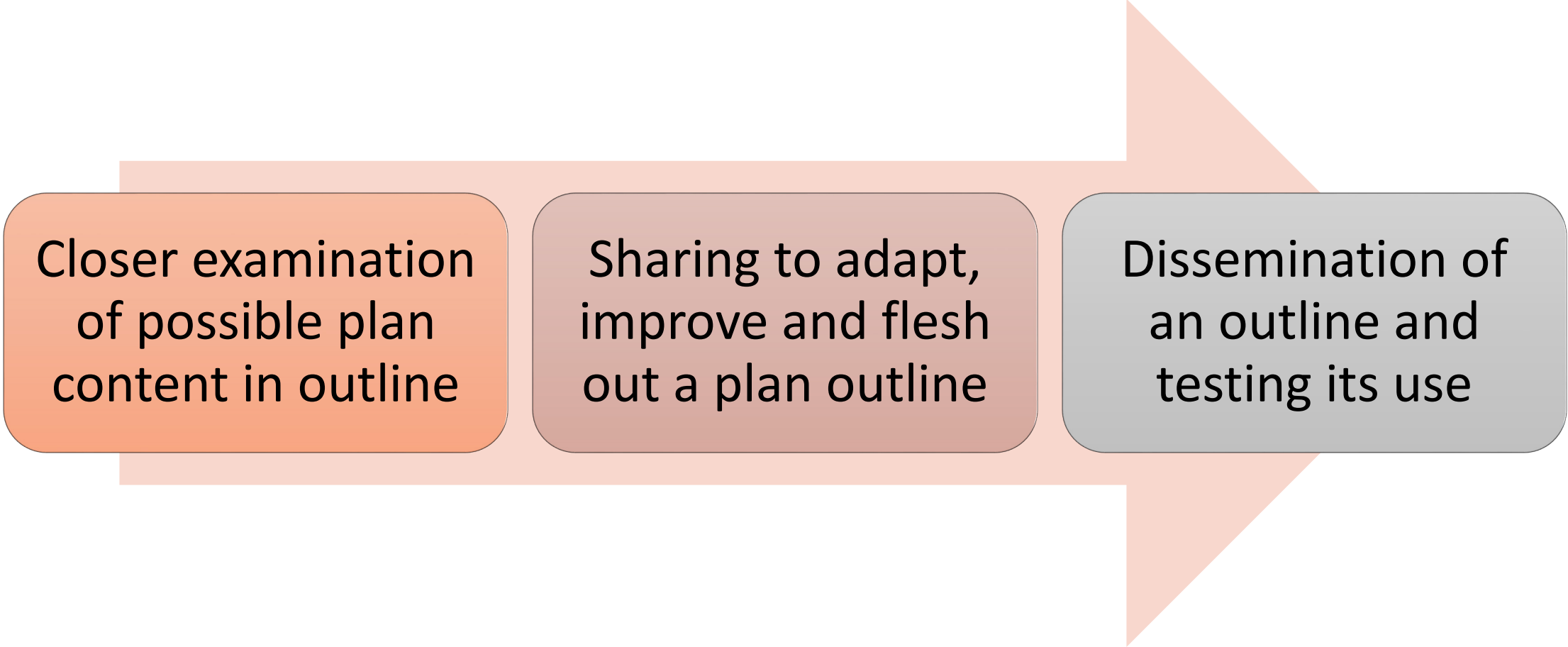
Details of operating procedures
Financial and other dimensions



Our challenge ...

- Use our experiences and lessons learned
- Use relevant existing sargassum plans etc.
- Use good governance principles (e.g. NICs)
- Use a disaster risk management approach
- Use an innovation and livelihood approach
- Use entrepreneurial product development
- Combine these and other facets in planning
- Do adaptive, multi-level, intersectoral plans

Next steps...



Closer examination
of possible plan
content in outline

Sharing to adapt,
improve and flesh
out a plan outline

Dissemination of
an outline and
testing its use