The Future of Marine Spatial Planning at

The Nature Conservancy

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Paul Dye

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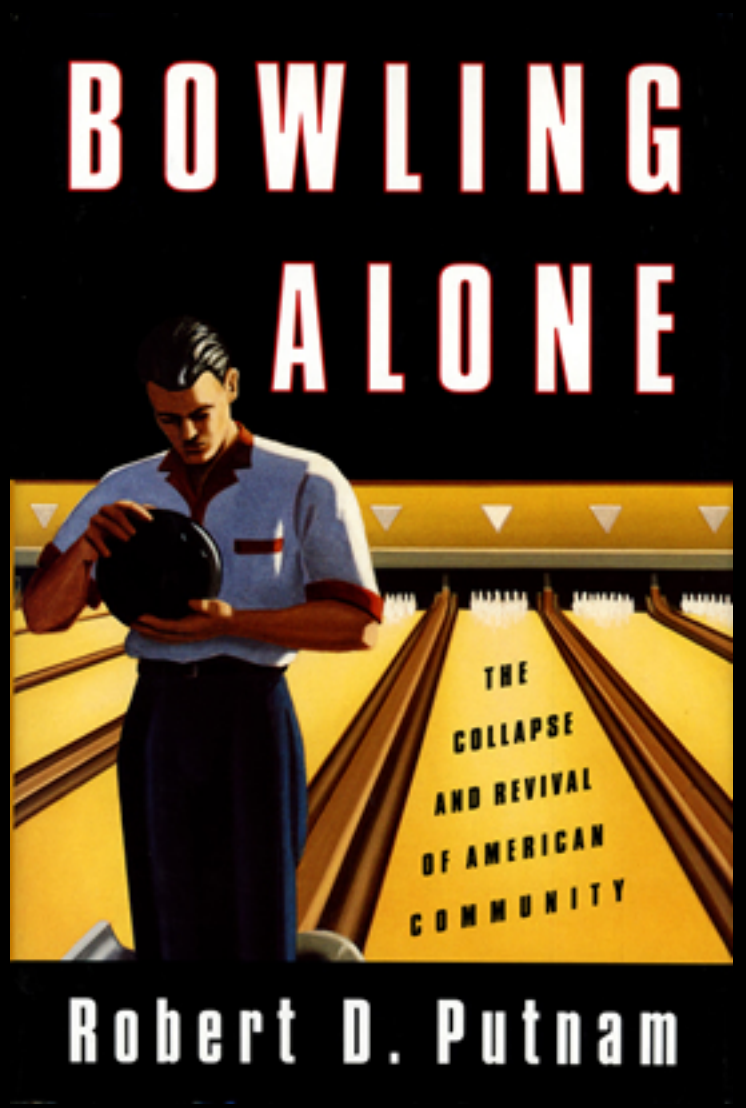
- Session Introduction
- MSP @ TNC
- MSP Speed Talks
- Breakout conversations
- Wrap up

Marine Spatial Planning @ TNC

We are NOT Bowling Alone



The 2013 MSP Assessment

Shawn W. Margles

Coastal and Marine Planning Scientist

The Nature Conservancy – Global Marine Team

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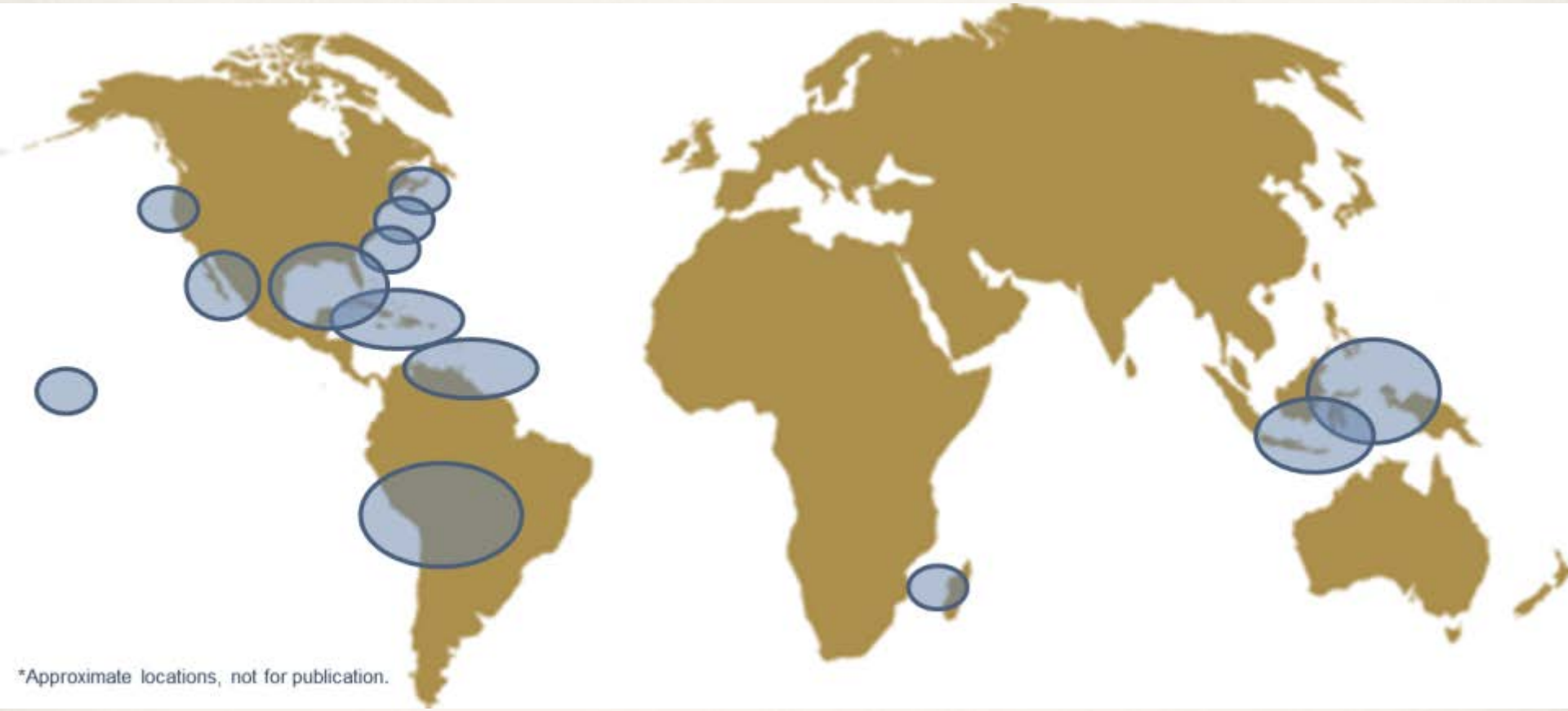


Conservancy Marine Spatial Planning Sites

Bay

State

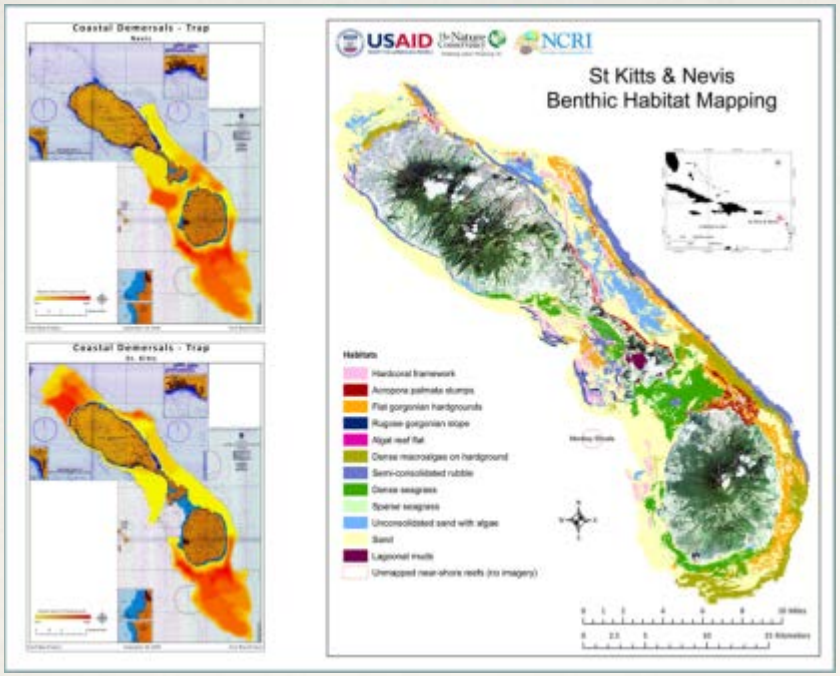
Regional

Country

Multi-Lateral

Different Geopolitical and Spatial Scales

Different Drivers



Technical Support

Advisor

Stakeholder

Facilitator

The Role of the Conservancy

Step 1: Identifying a need for (C)MSP and establishing authority

Step 2: Obtaining financial support

Step 3: Organizing the process through pre-planning

Step 4: Organizing stakeholder participation

Step 5: Defining and analyzing existing conditions

Step 6: Defining and analyzing future conditions

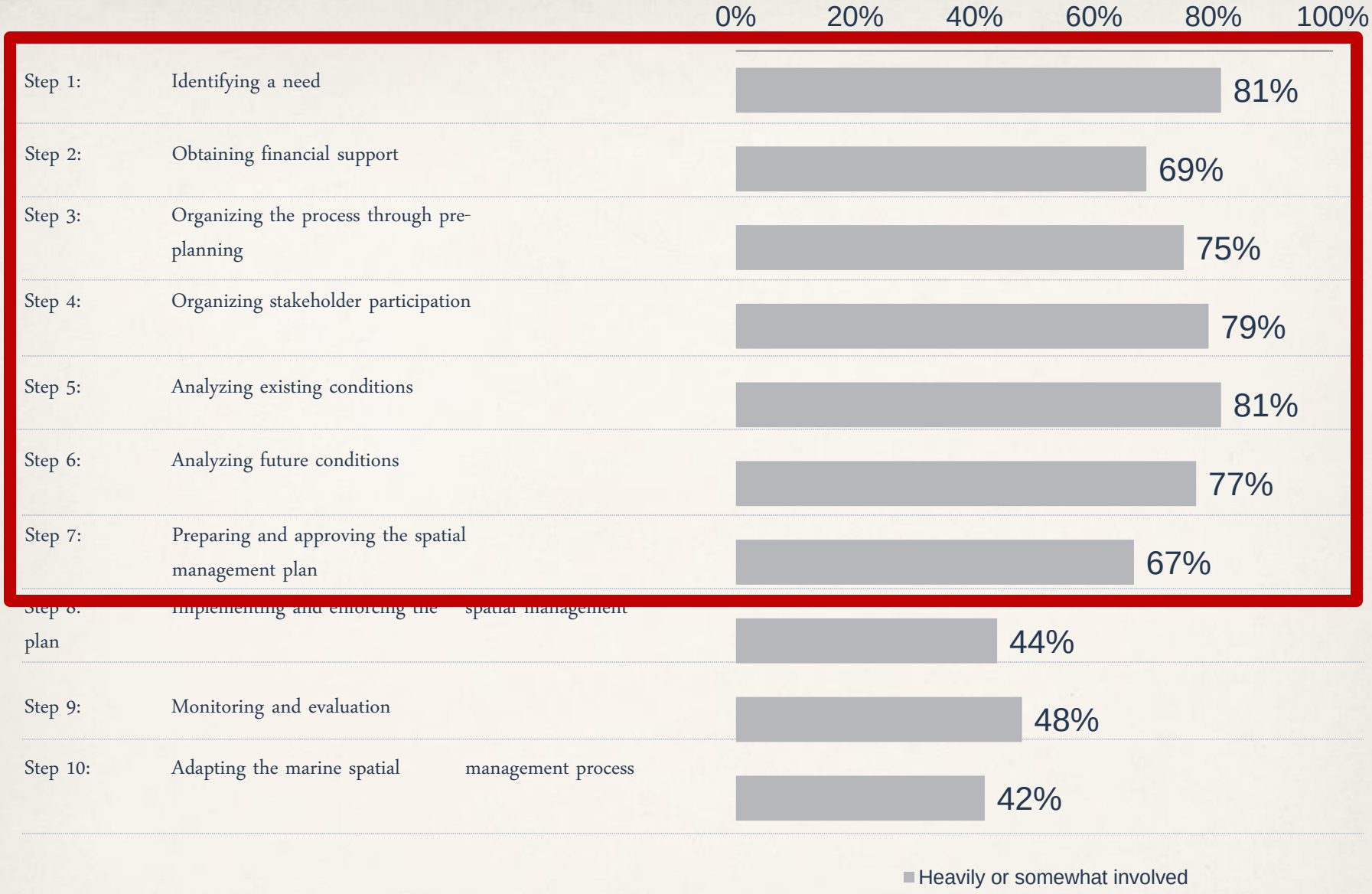
Step 7: Preparing and approving the spatial management plan

Step 8: Implementing and enforcing the spatial management plan

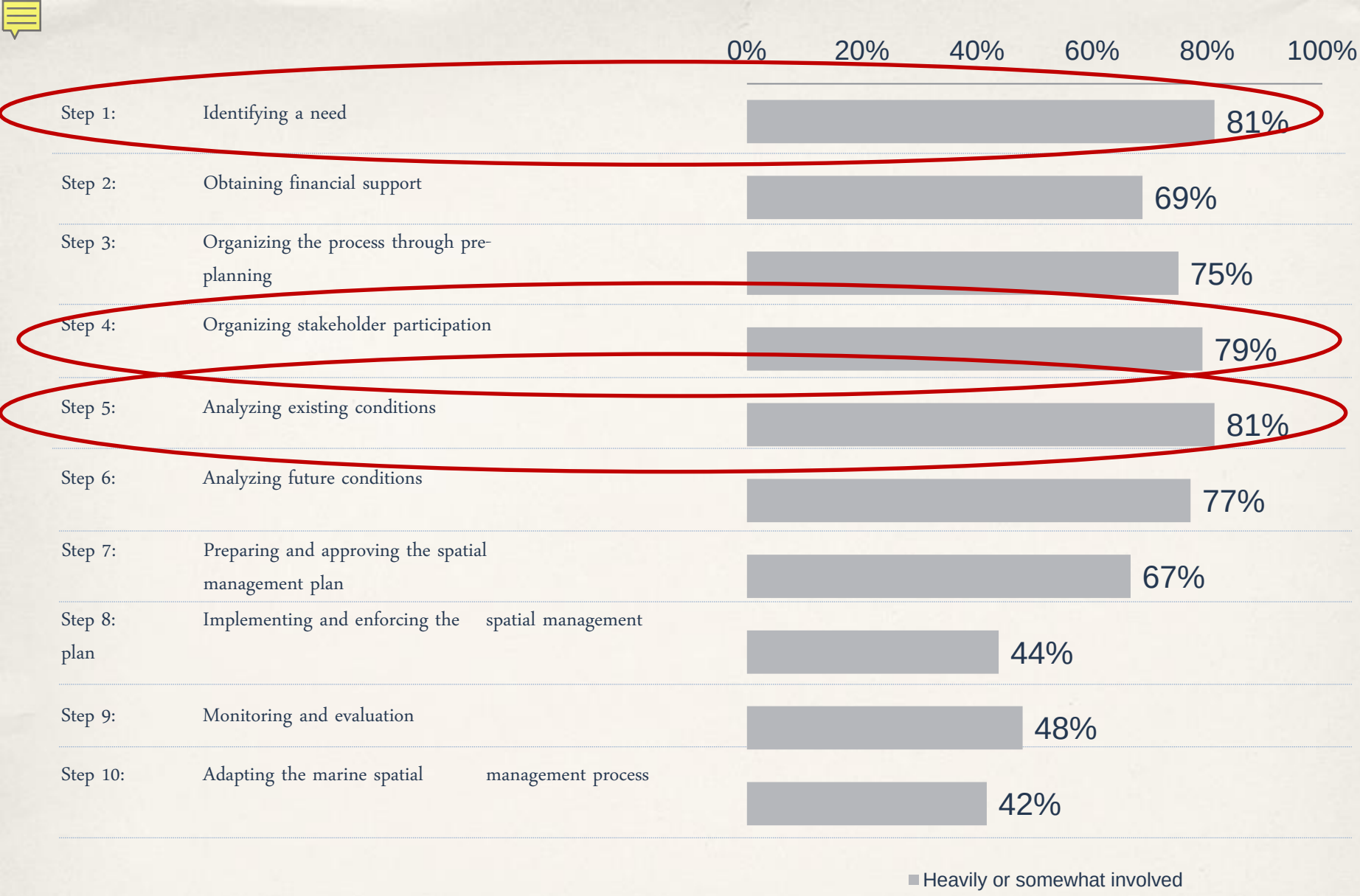
Step 9: Monitoring and evaluating performance

Step 10: Adapting the marine spatial management process

MSP Steps



TNC Heavily Involved in MSP



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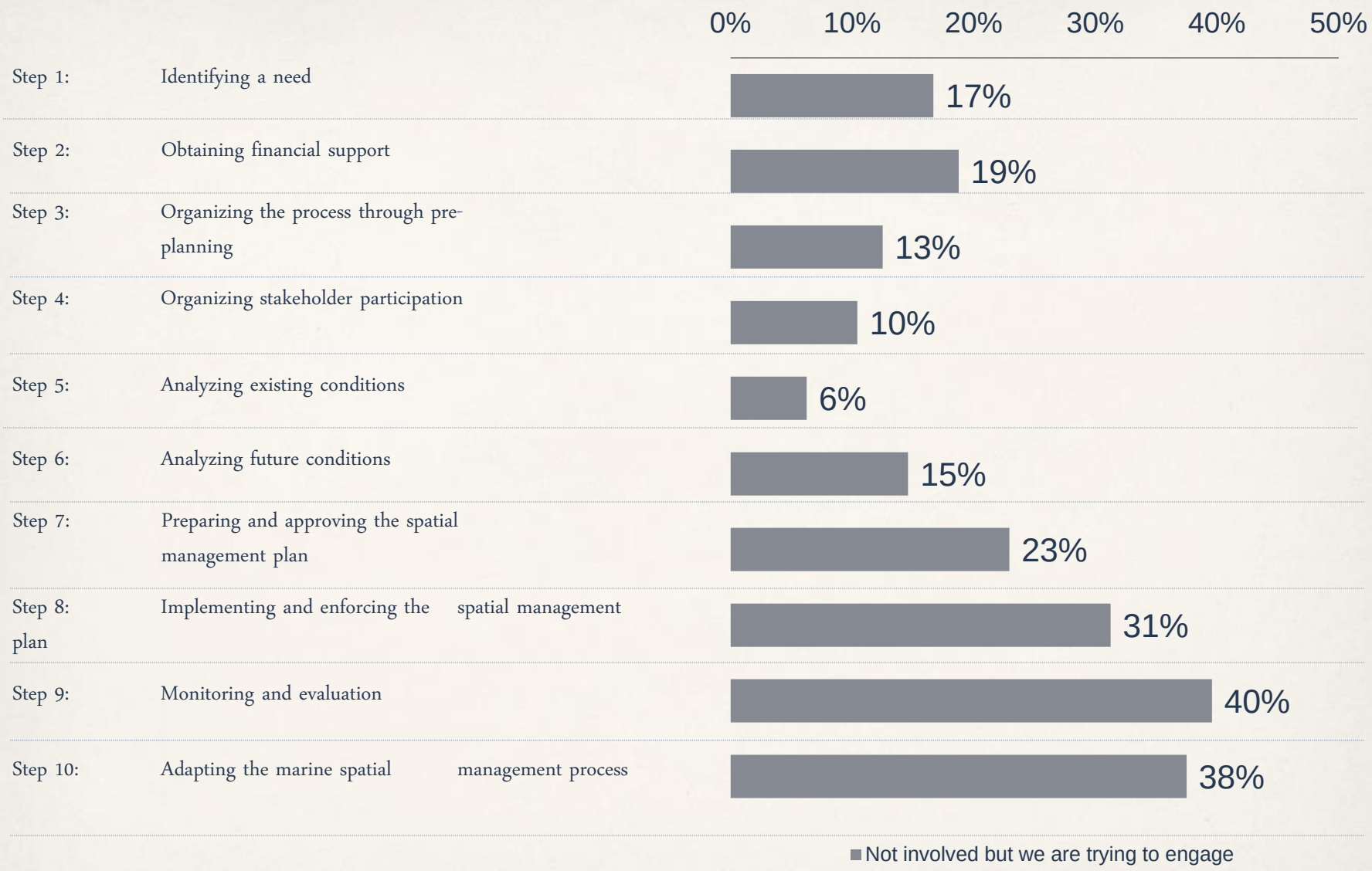
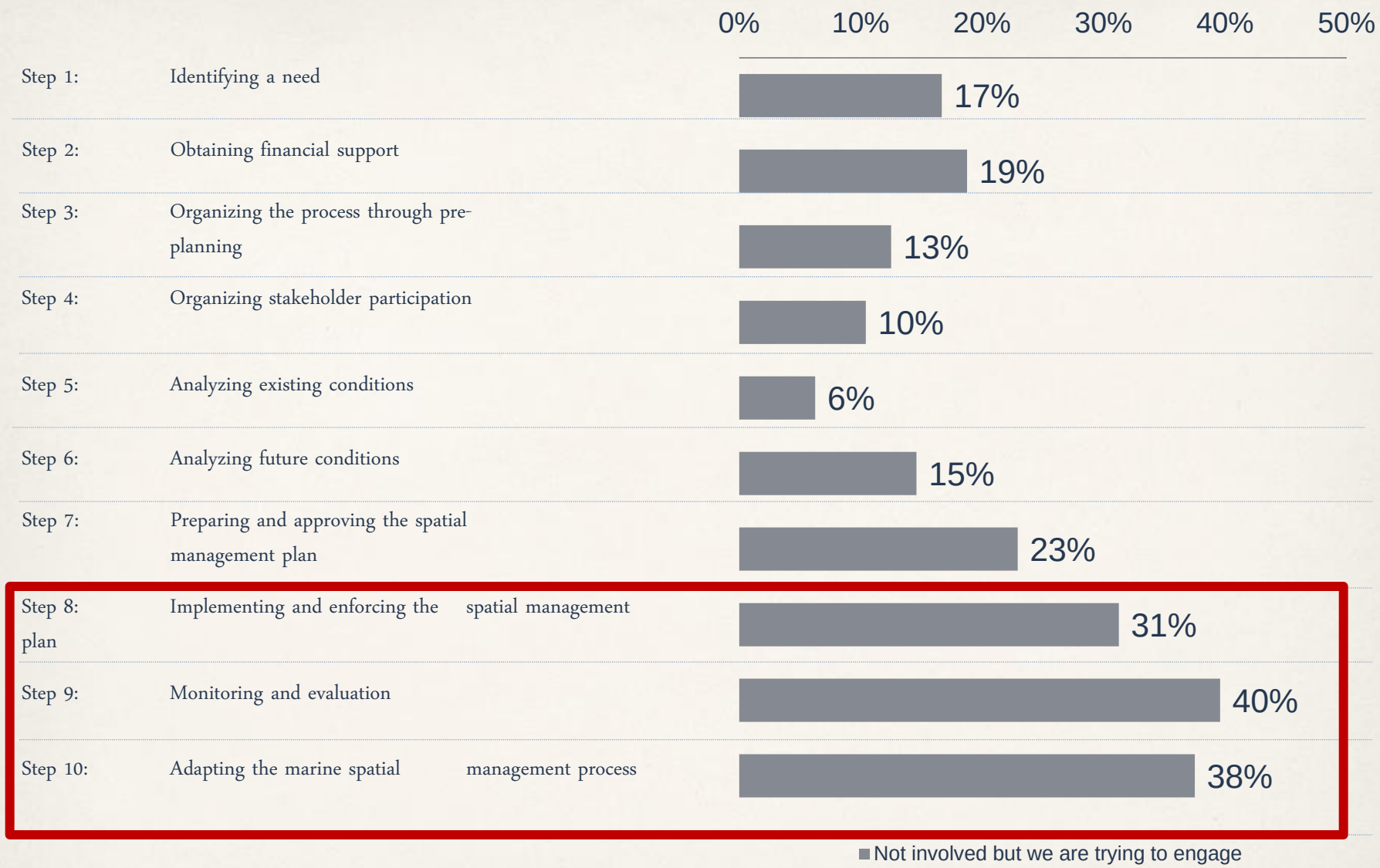
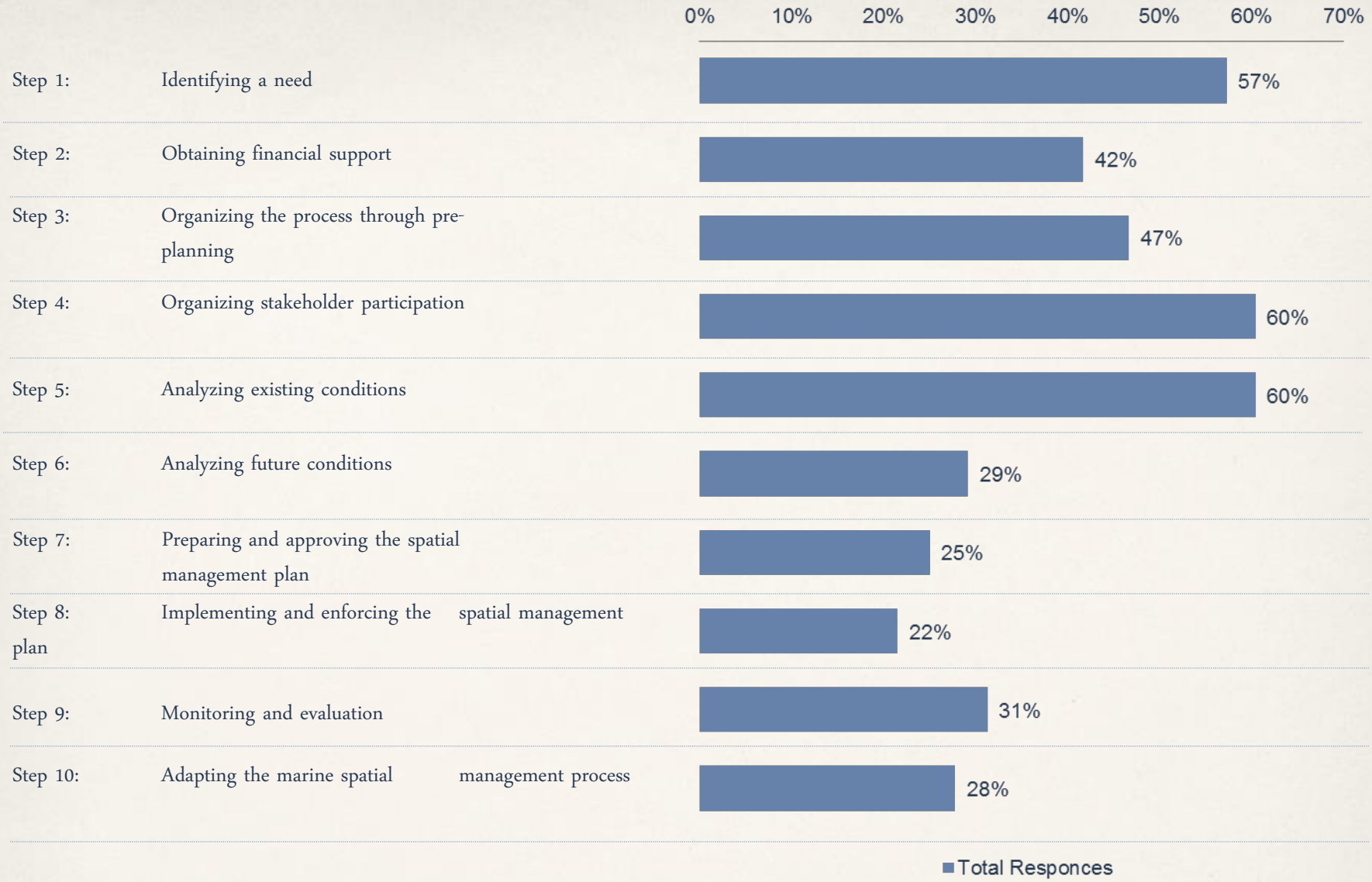


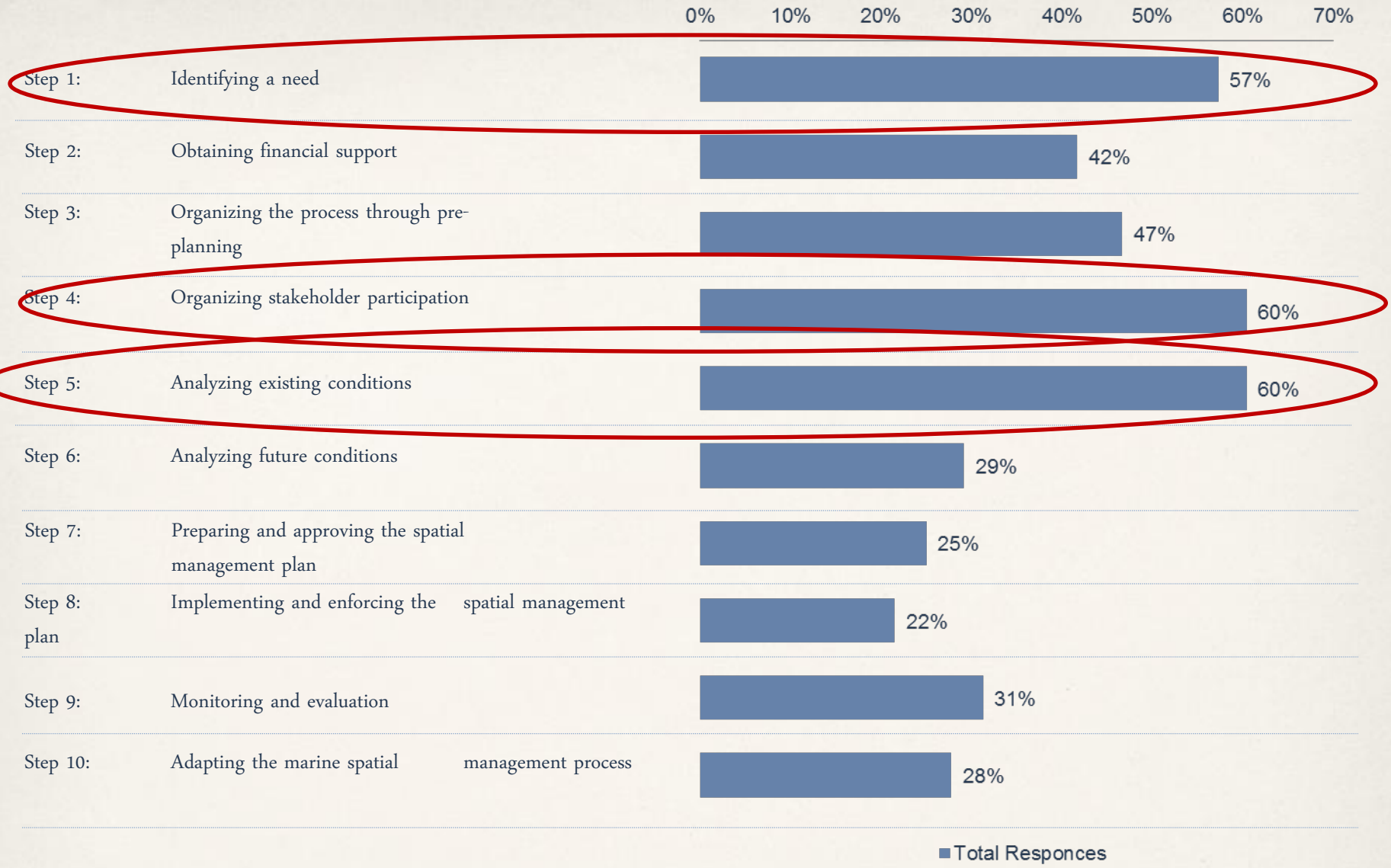
Not Involved but Trying to Engage



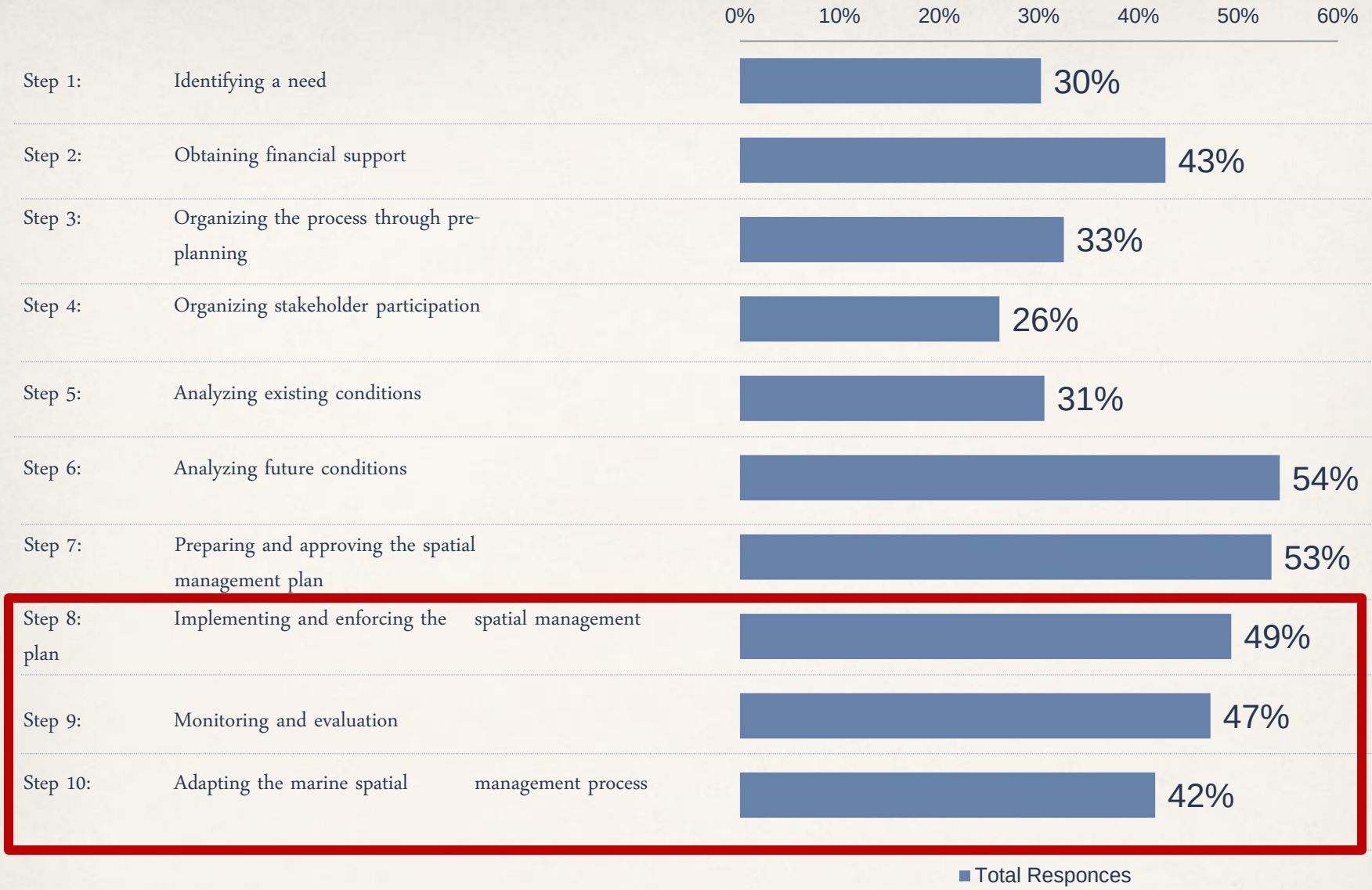
Opportunities for TNC?



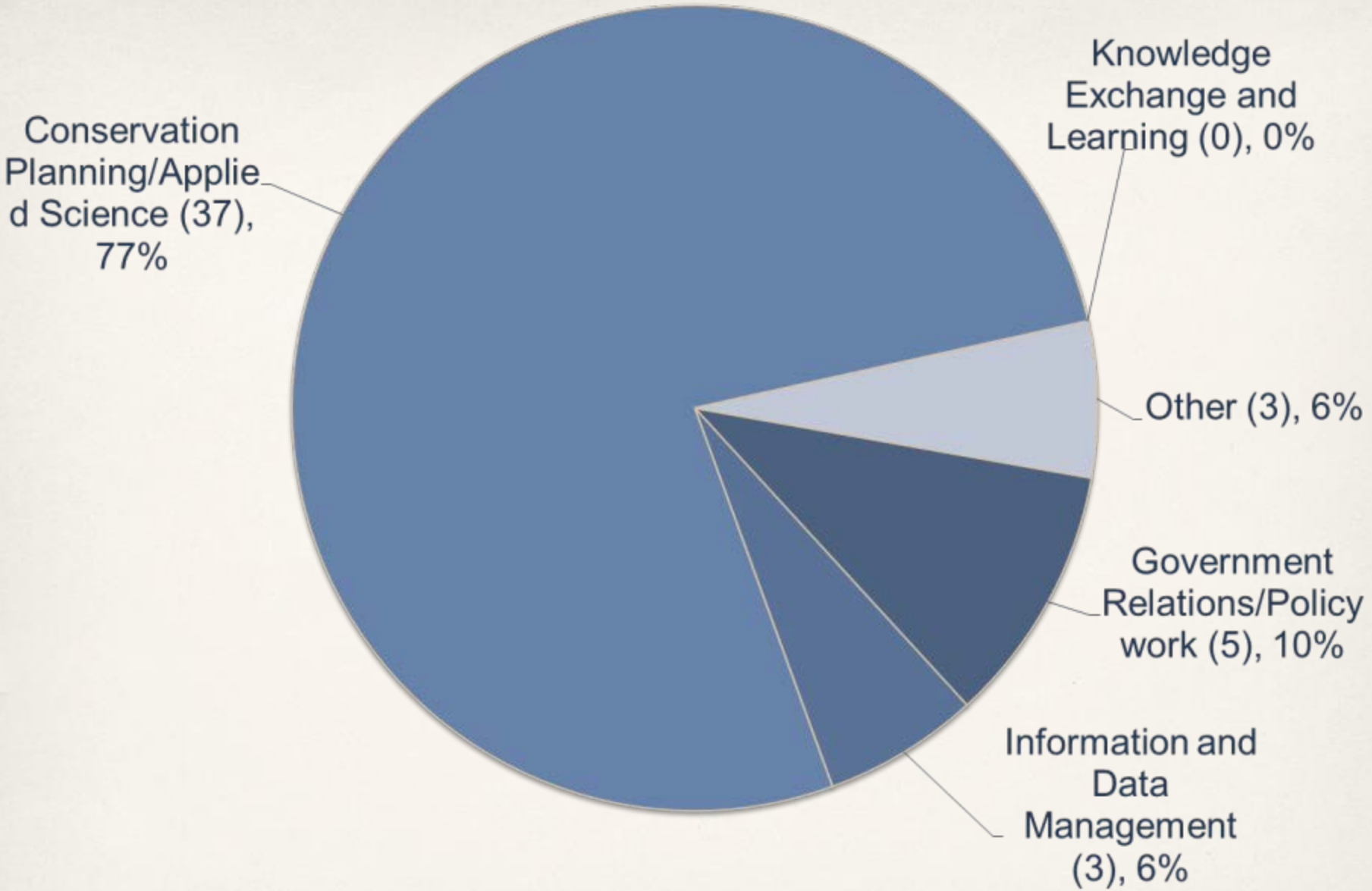
TNC Expertise in MSP



TNC Expertise in MSP



Areas Where TNC Needs Training



TNC Staff Capacity

Questions?

Shawn Margles

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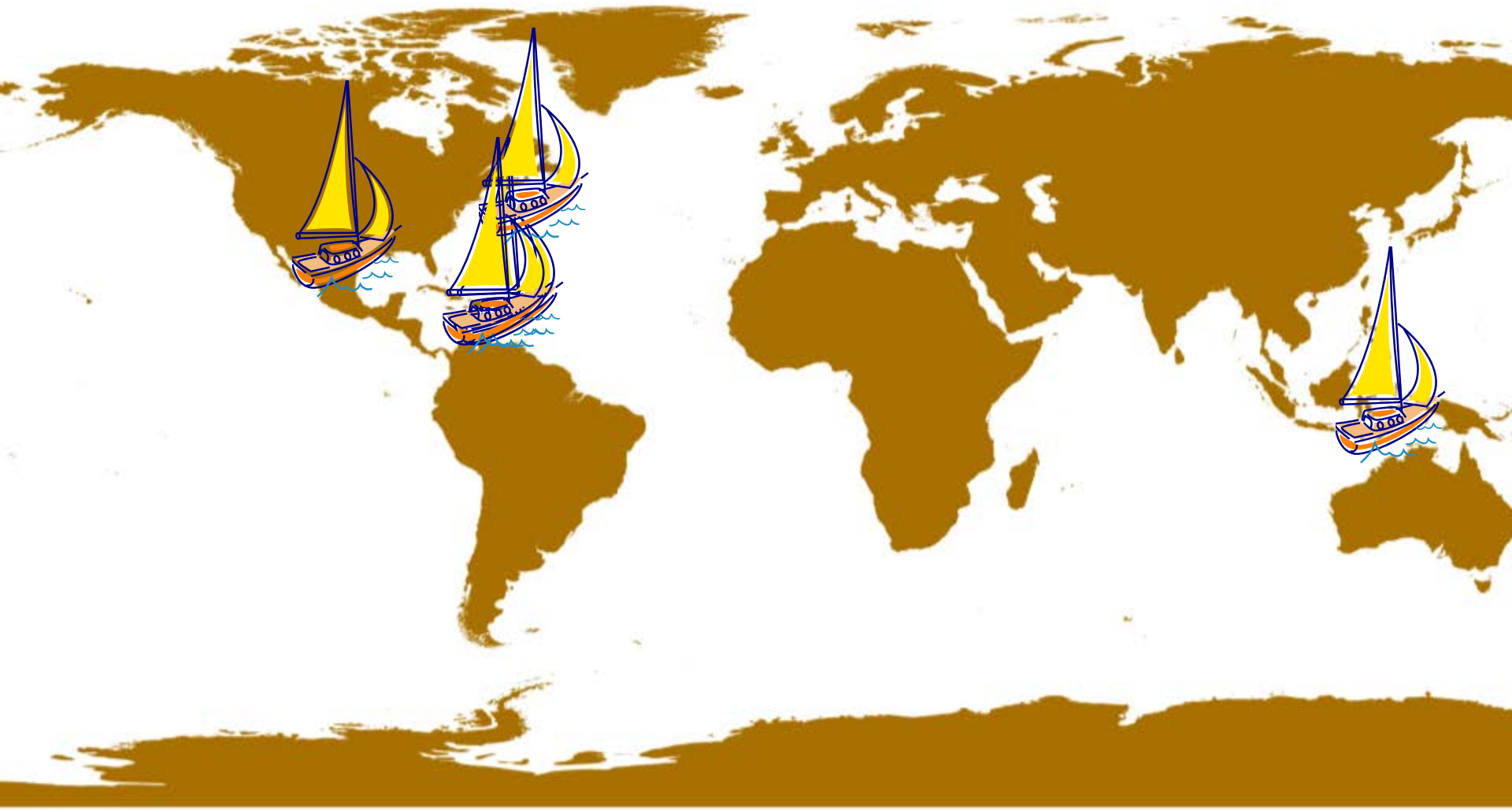
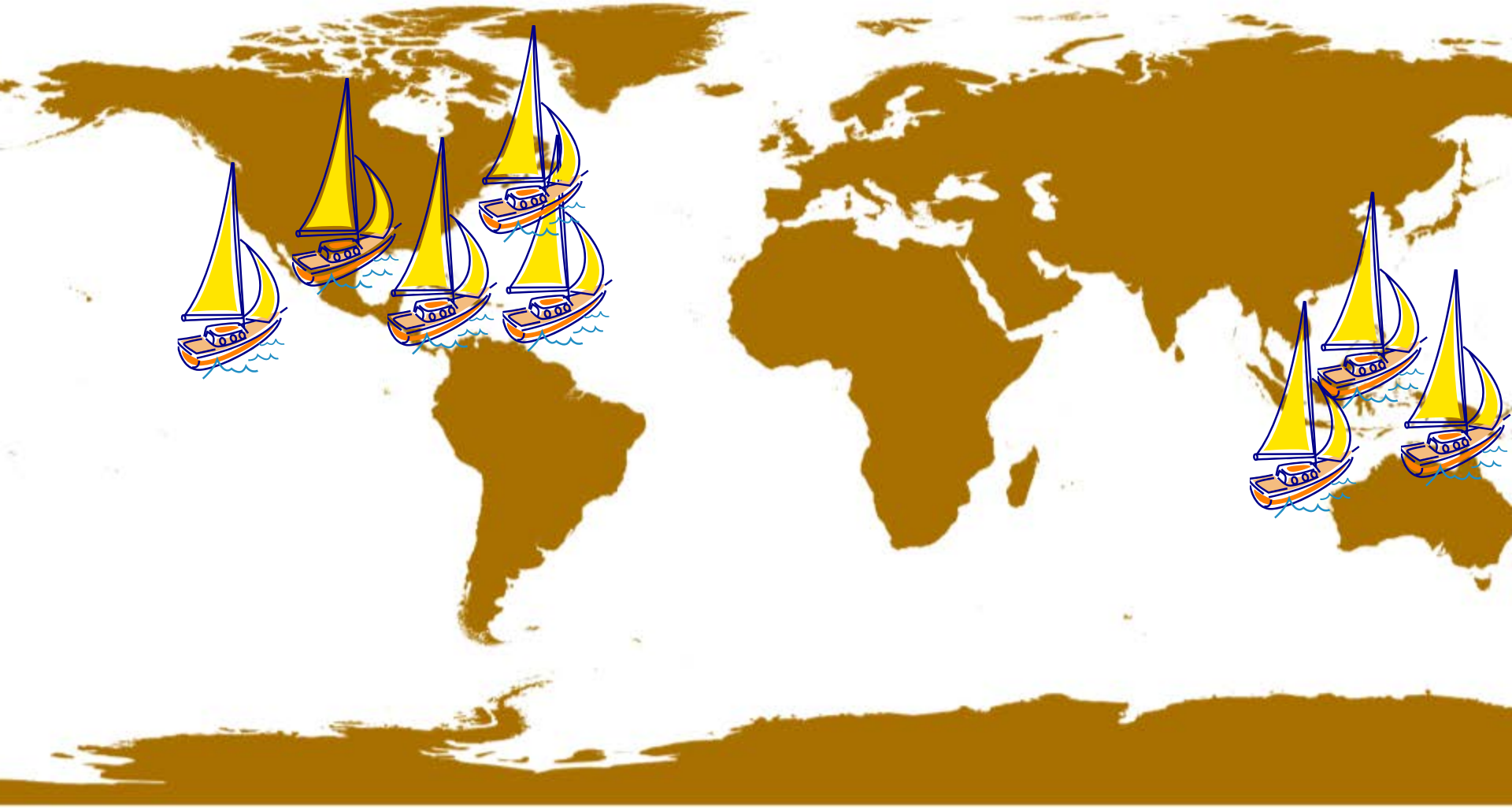
Breakout Discussions

1) Information Portals & Decision Support Tools

2) The Planning Process

3) Applying MSP to MPA Networks: evolving single objecting planning into multi sectoral planning



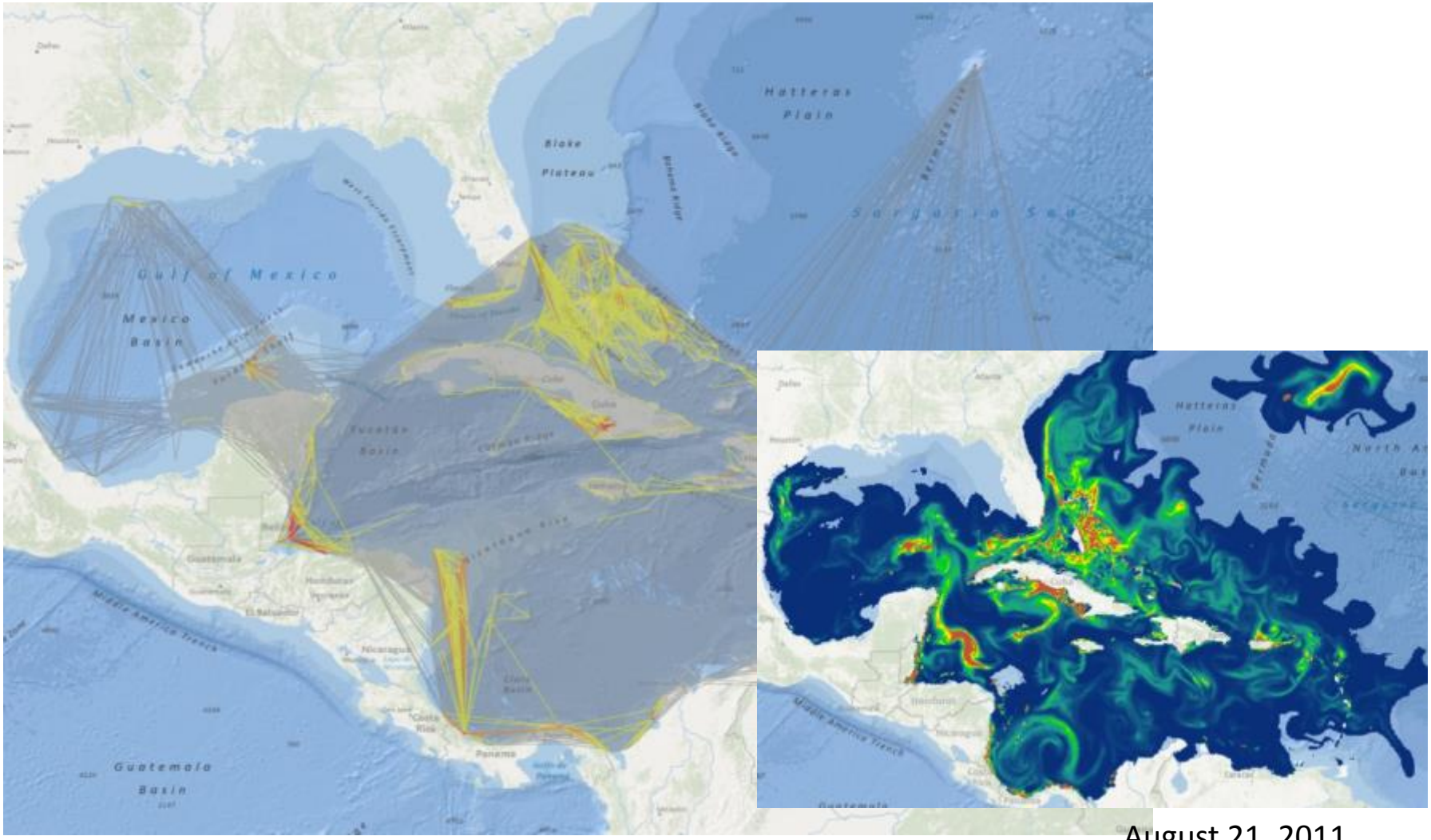


Dr. Jorge Brenner

Associate Director of Marine Science
Texas Chapter
The Nature Conservancy

Connected Seas: RESILIENCE

Coral larvae dispersion simulations (demographic connectivity)



August 21, 2011

Dynamic Simulation: coral larvae dispersion

John Knowles

Conservation Information Manager
Caribbean Program
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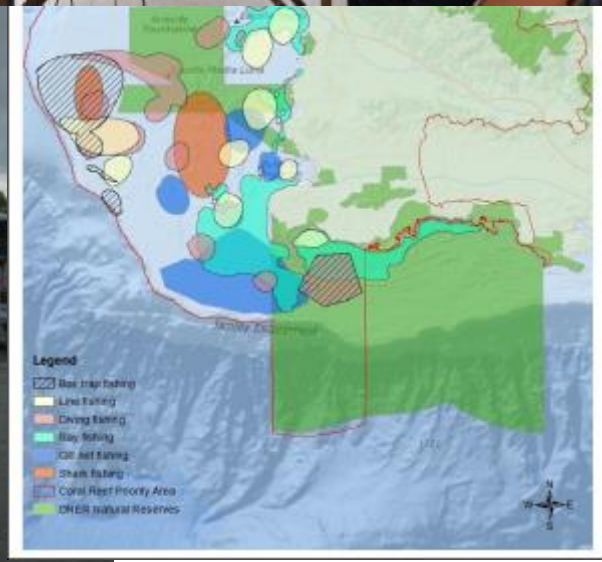
CMSP + CAP

CMSP or CAP

CMSP, no CAP

CMSP, then CAP



Dr. Aurora Justiniano

Conservation Planner
PR and USVI, Caribbean Program
The Nature Conservancy

Future of MSP - Caribbean Regional Ocean Partnership (CROP)

Aurora Justiniano-Santos, PhD - Caribbean Program

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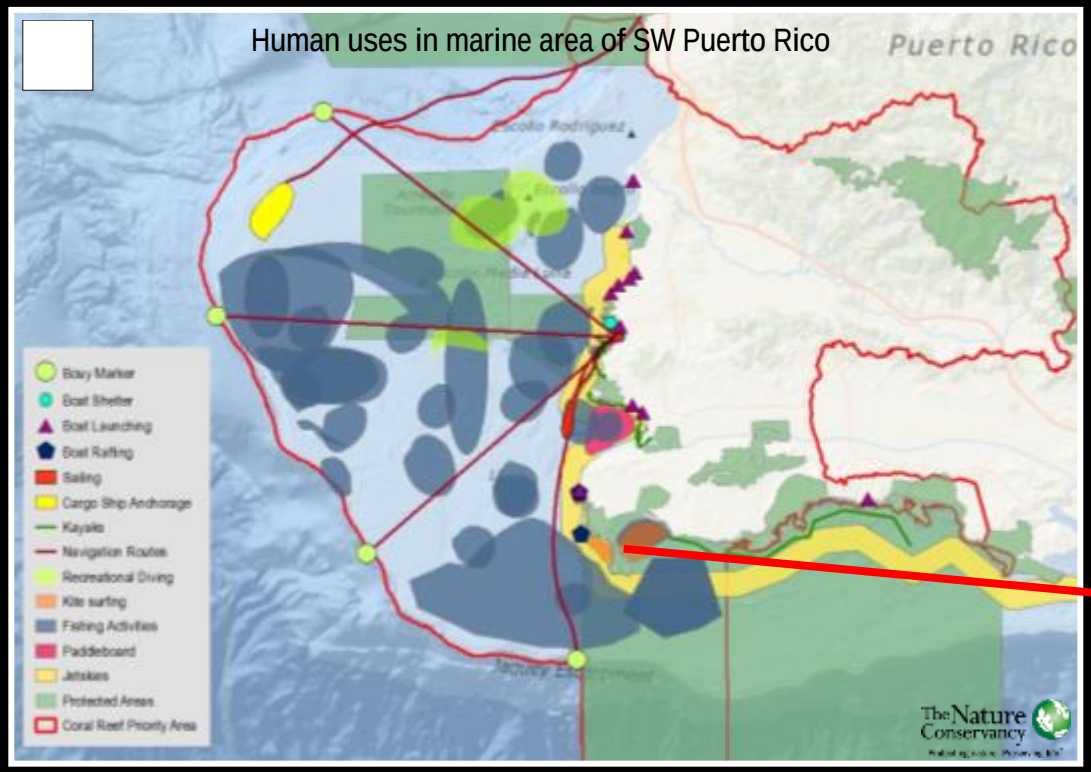
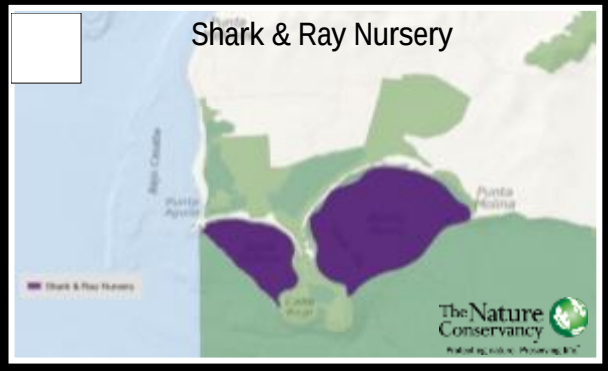
- Planning for the overlap of human uses in marine areas of PR and USVI
- Include stakeholders and resource users
- Data gathering, best available information

- Create maps to resolve conflicts between uses
- Promote conservation of the environment





Alfonso Lombana

Marine Scientist
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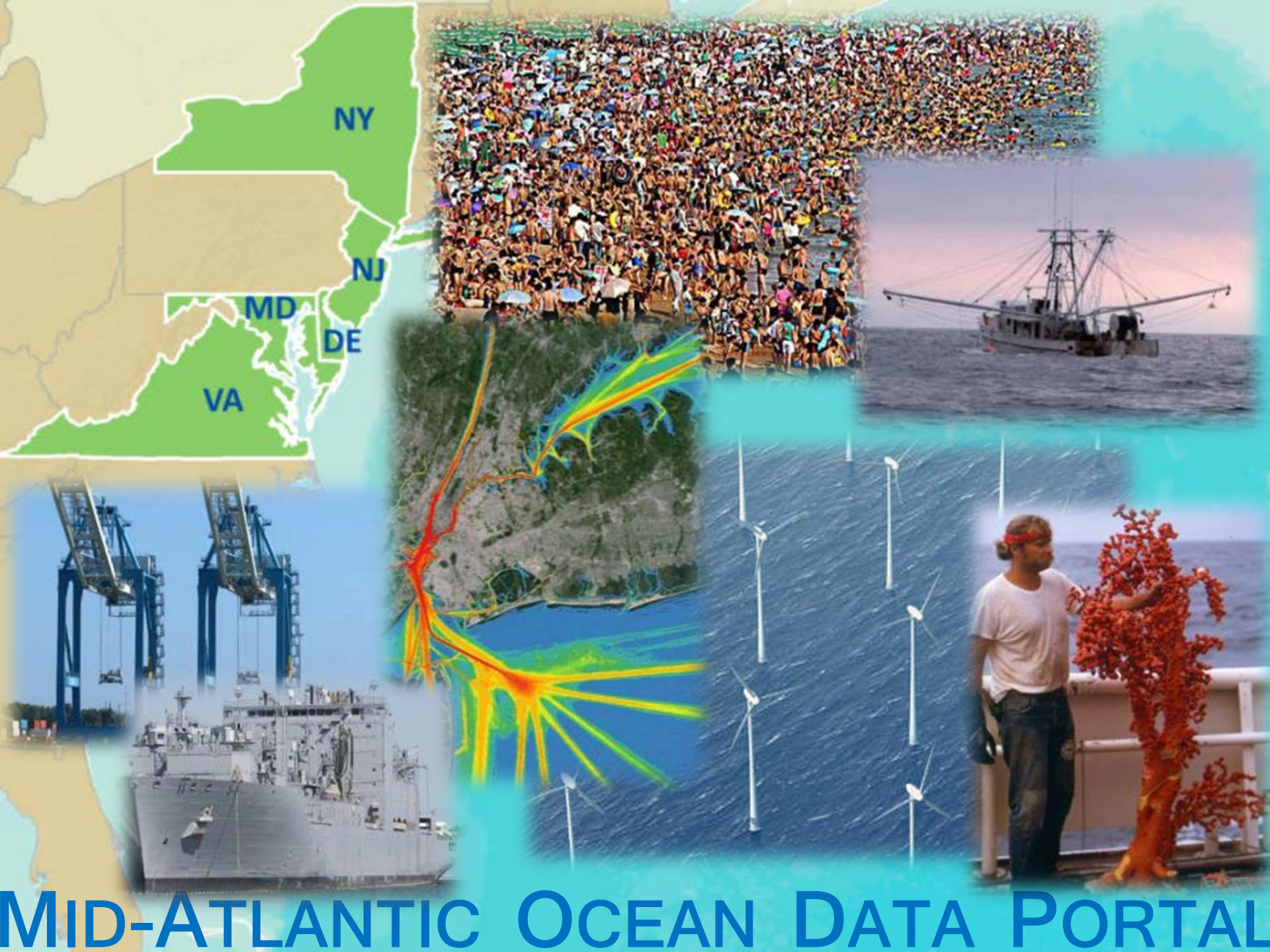


Mid-Atlantic Ocean Data Portal

Gwynn Crichton

Senior Project Scientist
The Nature Conservancy,
Virginia Chapter

Ships, Wind and Whales: A Mid-Atlantic Seascape Use Case

Charles Steinback

Director
Point 97

portal.midatlanticocean.org/portal/

MARCO
MID-ATLANTIC OCEAN DATA PORTAL

NEWS | ABOUT THE PORTAL | VISIT MARCO | search

LEARN
Understand the range of regional ocean planning needs.

EXPLORE
Access our current data and see future information needs.

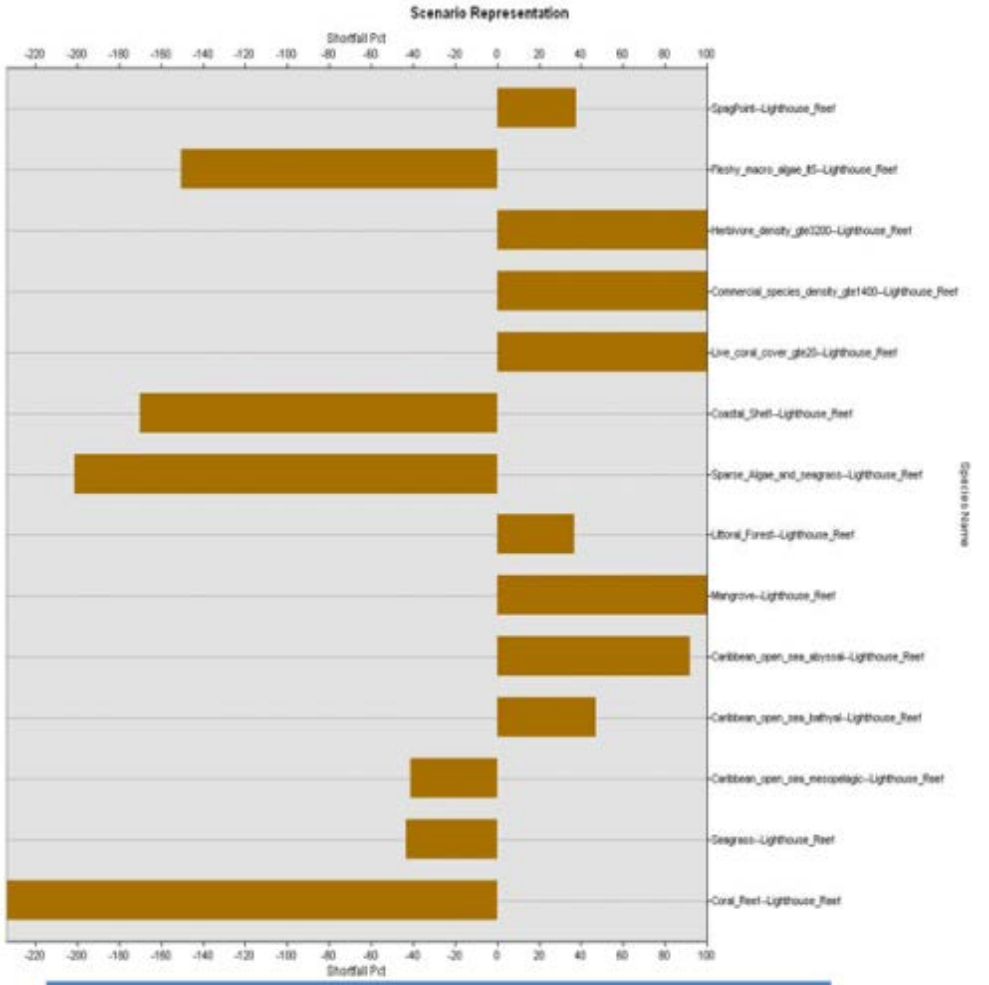
VISUALIZE
Launch our Marine Planner mapping application along with other maps and tools

feedback

portal.midatlanticocean.org/portal/learn

Julie Robinson

Marine Specialist
Mesoamerican Reef
The Nature Conservancy



DYNAMIC CHARTS & TABLES

DST Selection Tools *allow the user to quickly design a custom configuration of areas …*

The Decision Support Tools **evaluate** spatial alternatives and recommendations from the planning team ***as*** **the team discusses** them

Annick Cros

Marine Scientist
Indo-Pacific Division
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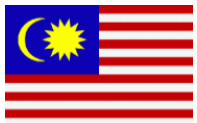
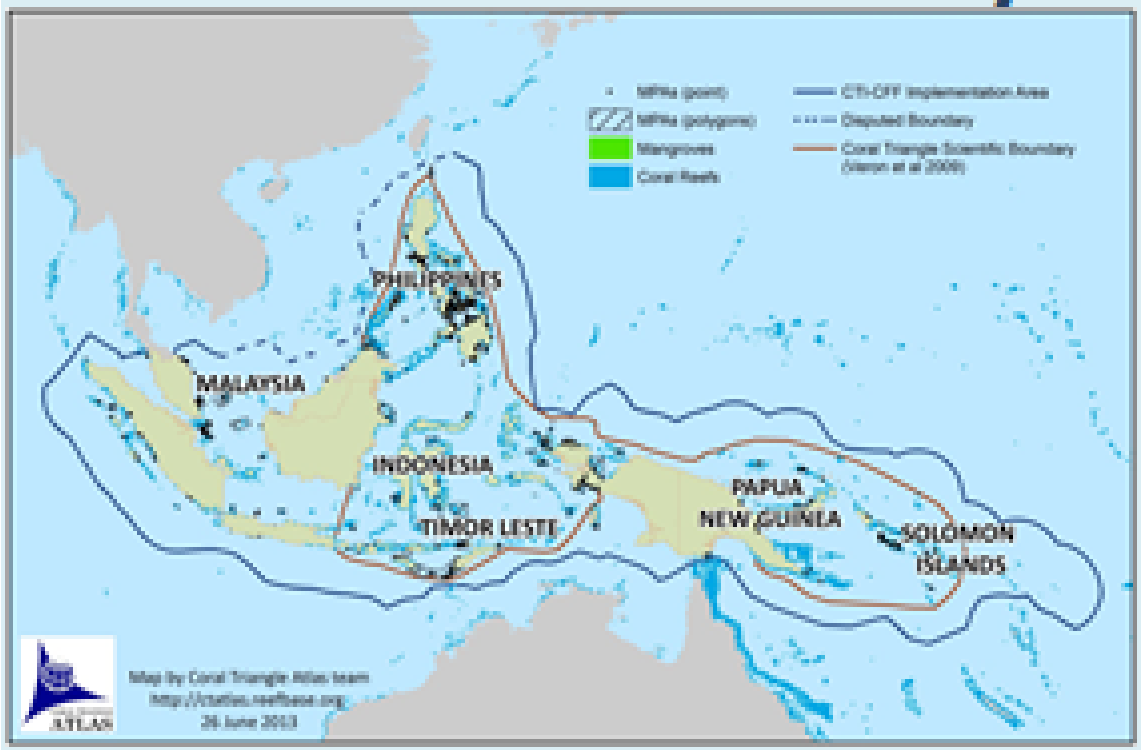


http://ctatlas.reefbase.org/

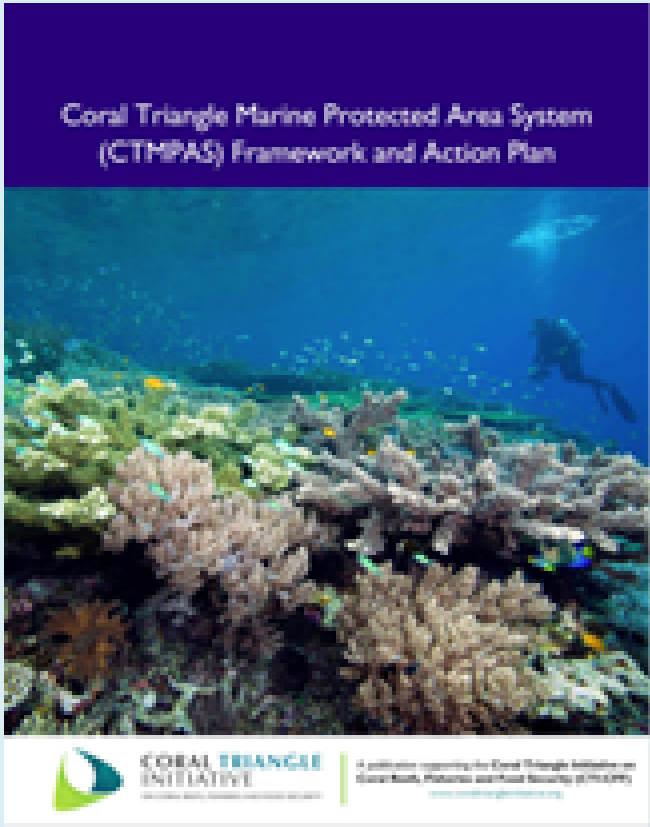
Dr. Alan White

Coral Triangle Program
Indo-Pacific Division
The Nature Conservancy

Coral Triangle MPA System: An Inclusive Nested System (>1900 MPAs)



Categories: 1. basic data
2. National Effective Site
3. Regional Development Site
4. Regional Flagship Site



Indicators per 6 country agreement:

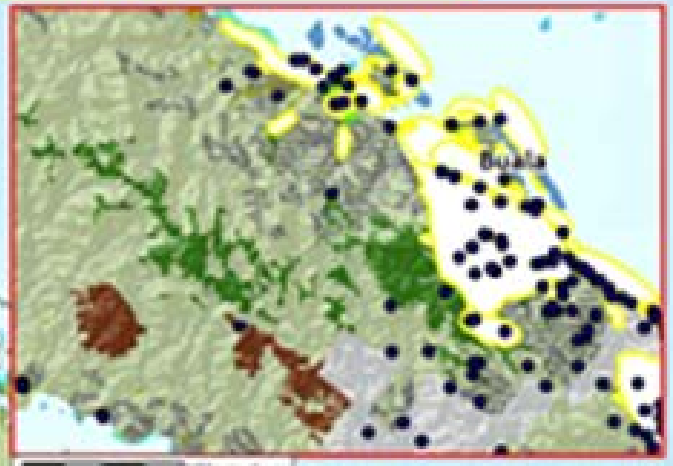
- Marine area within MPAs or MMA
- Area of critical habitat in no-take zone
- Area under "effective" management
- Area in each CTMPAS category of MPA

Willie Atu

Coral Triangle Program
Indo-Pacific Division
The Nature Conservancy

Isabel Province - Local Knowledge

Over 700 features identified by Isabel Province community members.



Dr. Alison Green

Sr. Marine Scientist
Indo-Pacific Division
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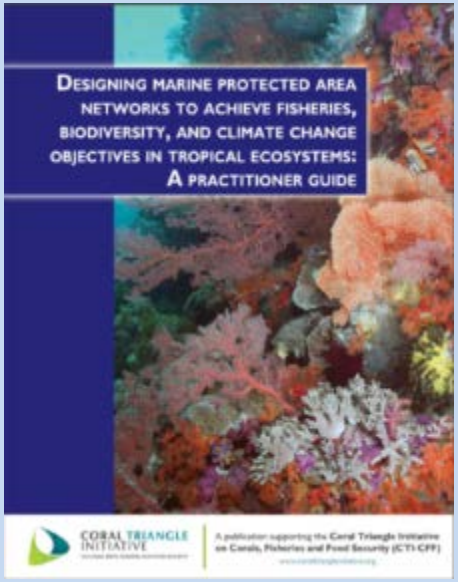
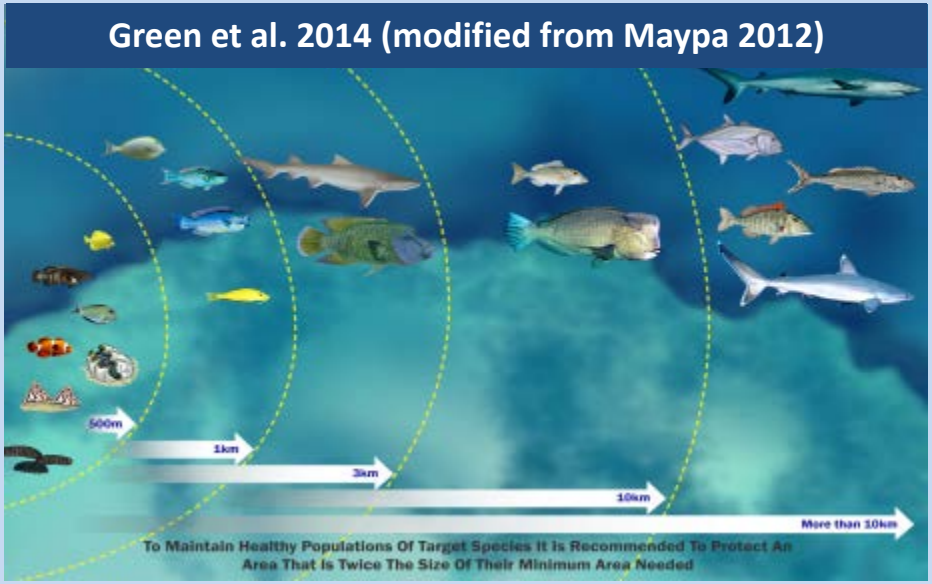
Designing Marine Protected Area Networks to Achieve Fisheries, Biodiversity and Climate Change Objectives in Tropical Ecosystems

(Green et al. 2014 *Coastal Management Journal* 42:143–159)





Nirari Cardenas

Marine Specialist
Gulf of California and Pacific Program, MNCA
The Nature Conservancy

Marine Spatial Planning in Mexico

Breakout Discussions

1. Information Portals & Decision Support Tools

2. The Planning Process

3. Applying MSP to MPA Networks: evolving single objecting planning into multi sectoral planning

- Where is TNC at the cutting edge of MSP?
- Trends in scale, issue, partners, etc.?
- What are opportunities for TNC?

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