
A Strategic Approach to Scoping Cumulative Effects

NIRAS Consulting Ltd

The background of the slide is a photograph of a coastal scene. In the foreground, a large, curling wave with white foam is breaking. The water is a deep blue. In the middle ground, there are several rocky outcrops and cliffs extending into the sea. The sky is a pale, clear blue. The overall scene is bright and clear, suggesting a sunny day.

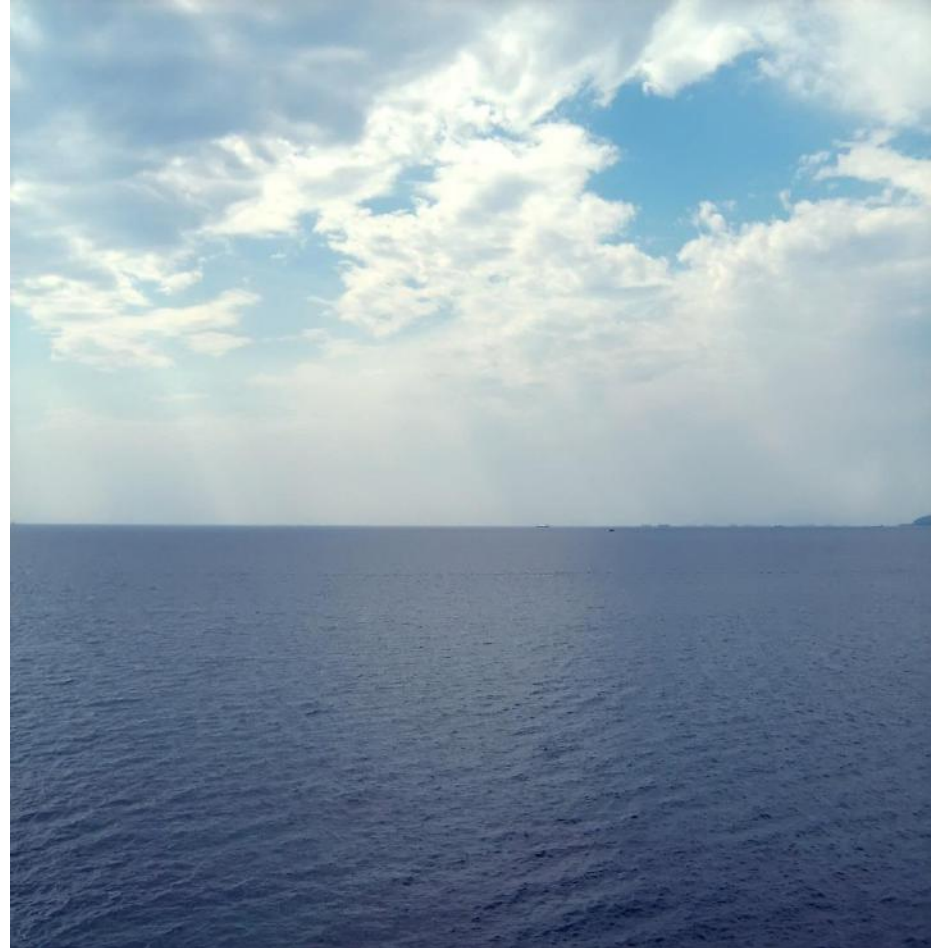
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Outline

- Key considerations
- Cumulative effects
- Project overview
- Recommendations



Key Considerations

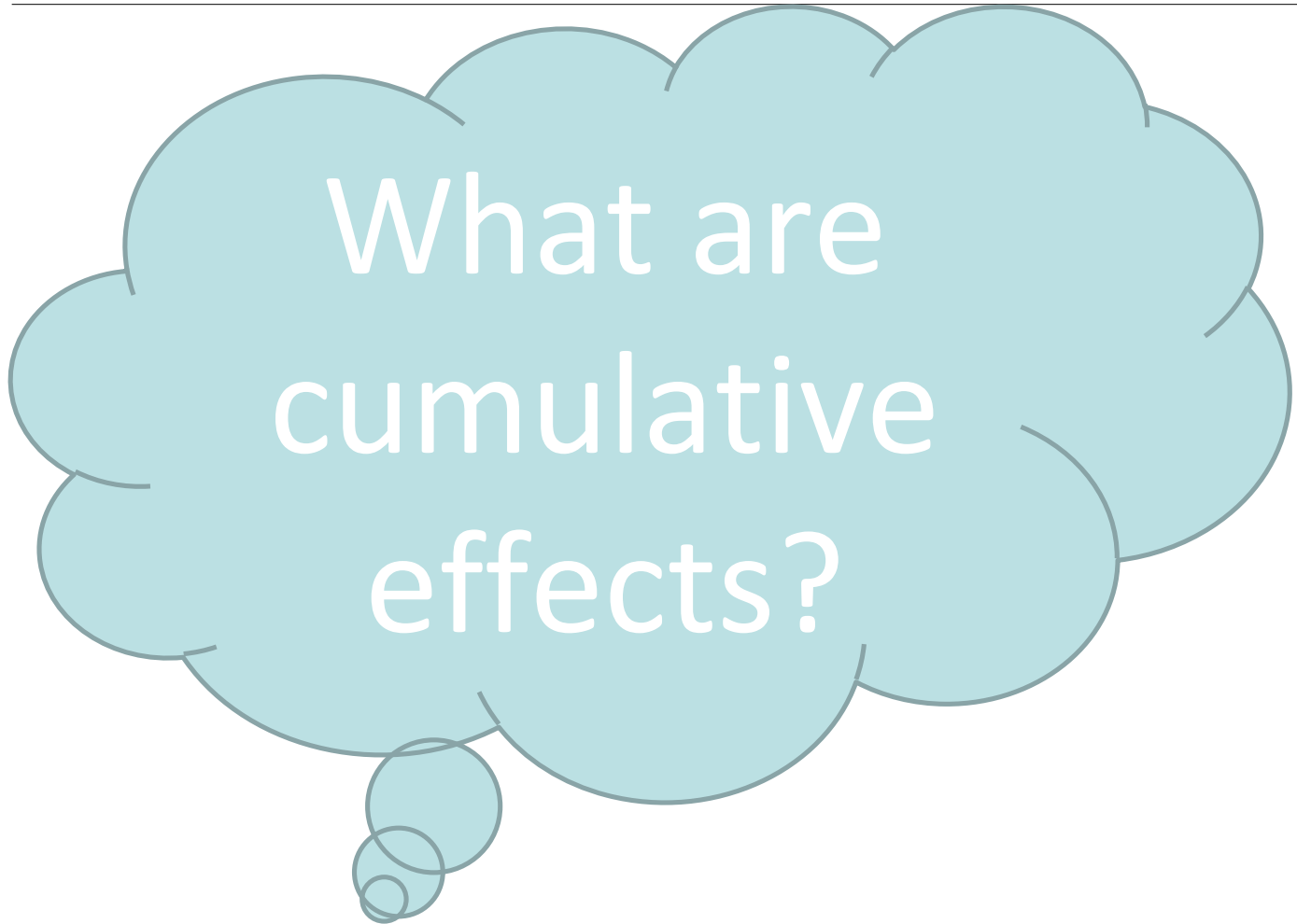
Specific research to produce a framework to meet the needs of the MMO

Result of NIRAS research, not MMO interpretation

Terminology clearly defined from the outset

Focus on environmental

Cumulative Effects



Cumulative Effects Assessment

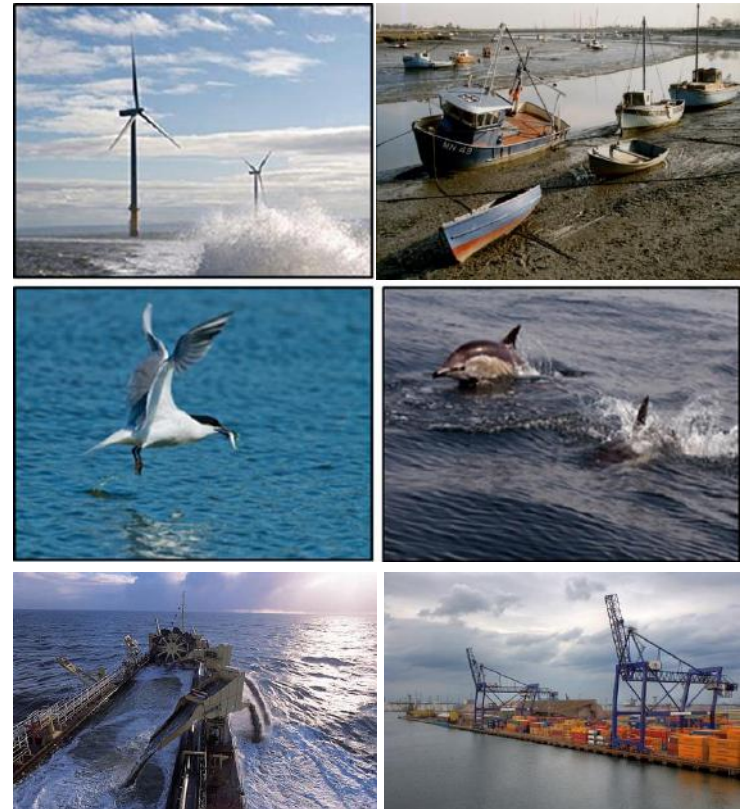


Simple?

- Difficult to implement
- Need to understand individual effects
- Marine environment highly complex

Project Overview

- Project aim
- MMO requirements
- Framework for scoping Cumulative Effects (CE)
- Supporting evidence
- Management of CE assessment process

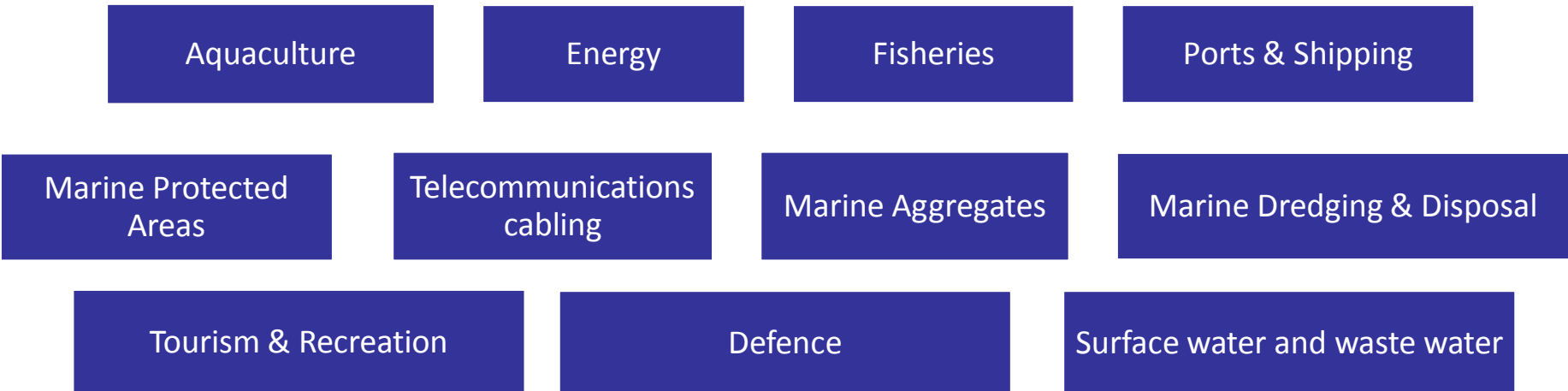


MMO Requirements

Consideration of all MMO functions



Applicable across all marine activity sectors



Framework Development

Review existing approaches

Derive options

Consultation

Present final

Supporting Evidence



Activities



Pressures



Receptors

Management Options for CE and Mitigation



- Contribution to and mitigation of CE



- Series of options developed

- Only where no clear guidance from policy/legislation



- Consider burdens on marine users



- Follow principles of sustainable development

Key Recommendations

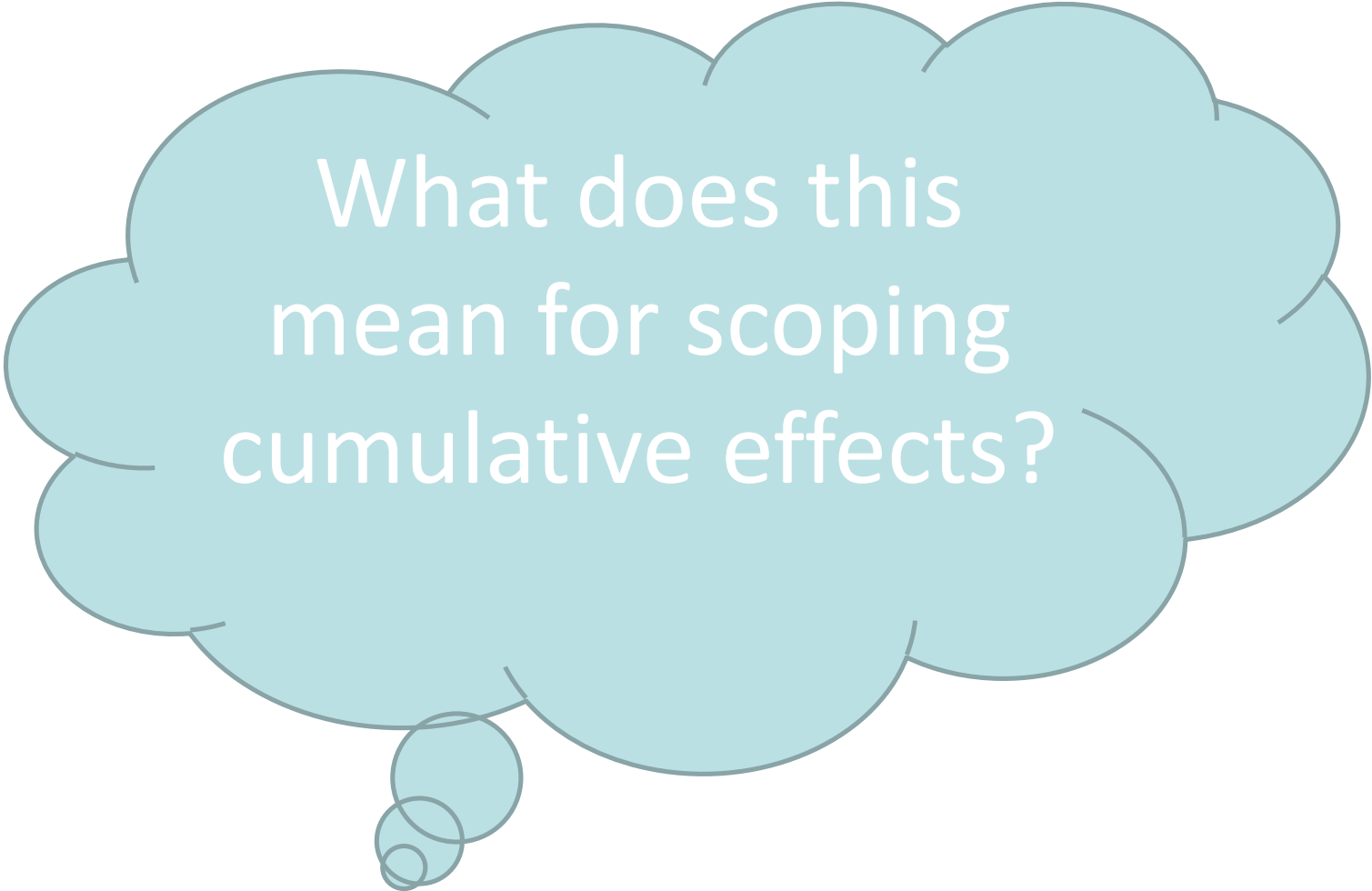
Framework

- Consider implementation to support MMO functions
- Incorporate different types of cumulative effects

Evidence

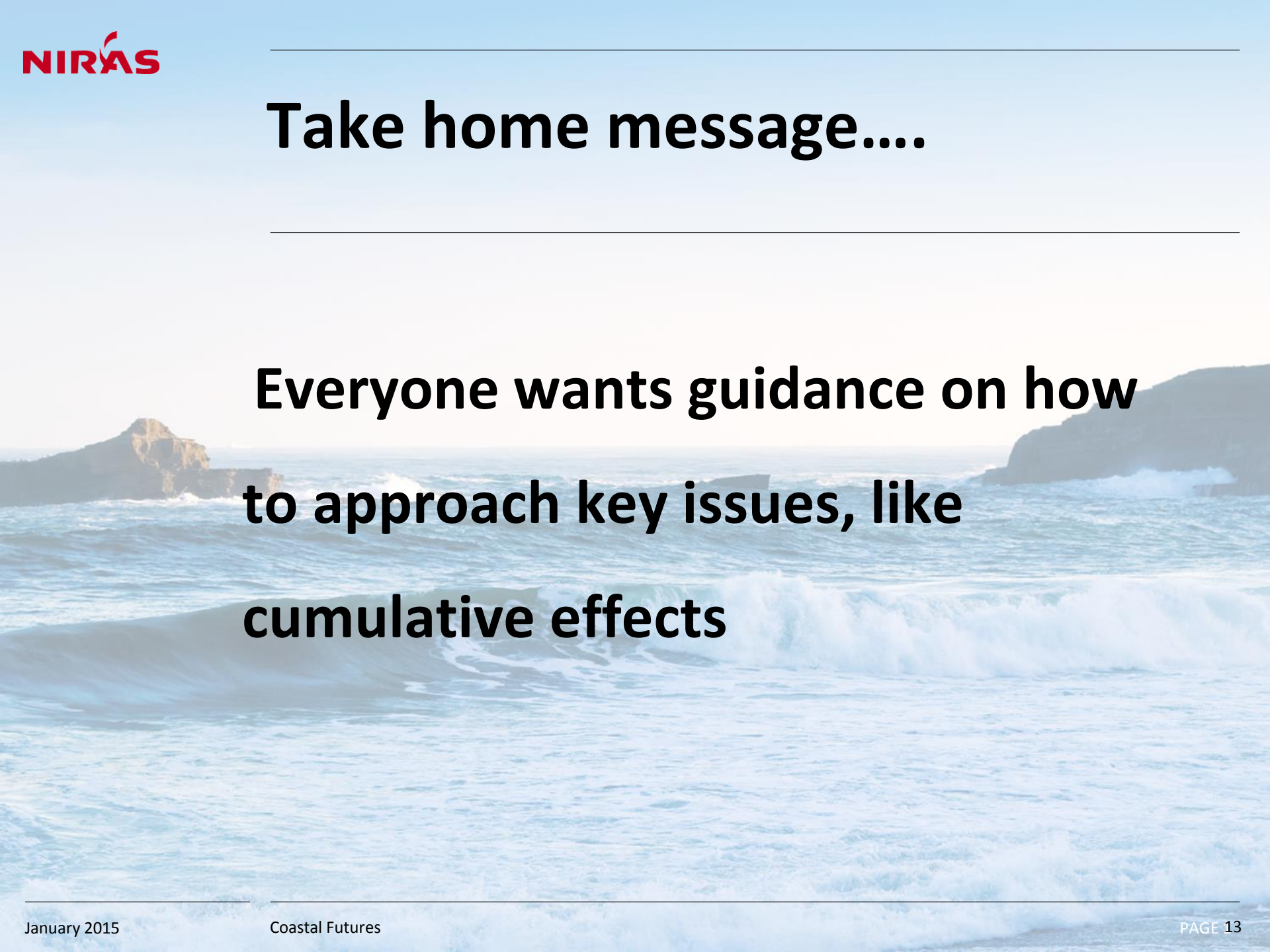
- Expanding database
- Further consideration of social and economic effects

In Summary



What does this
mean for scoping
cumulative effects?

Take home message....

A photograph of a coastal scene with waves crashing against a rocky shore. The sky is a pale blue, and the water is a vibrant blue with white foam from the waves. The text is overlaid on the image.

**Everyone wants guidance on how
to approach key issues, like
cumulative effects**