

# Regional Climate Change Adaptation Systems Mapping

BARC Board Meeting

January 20, 2022

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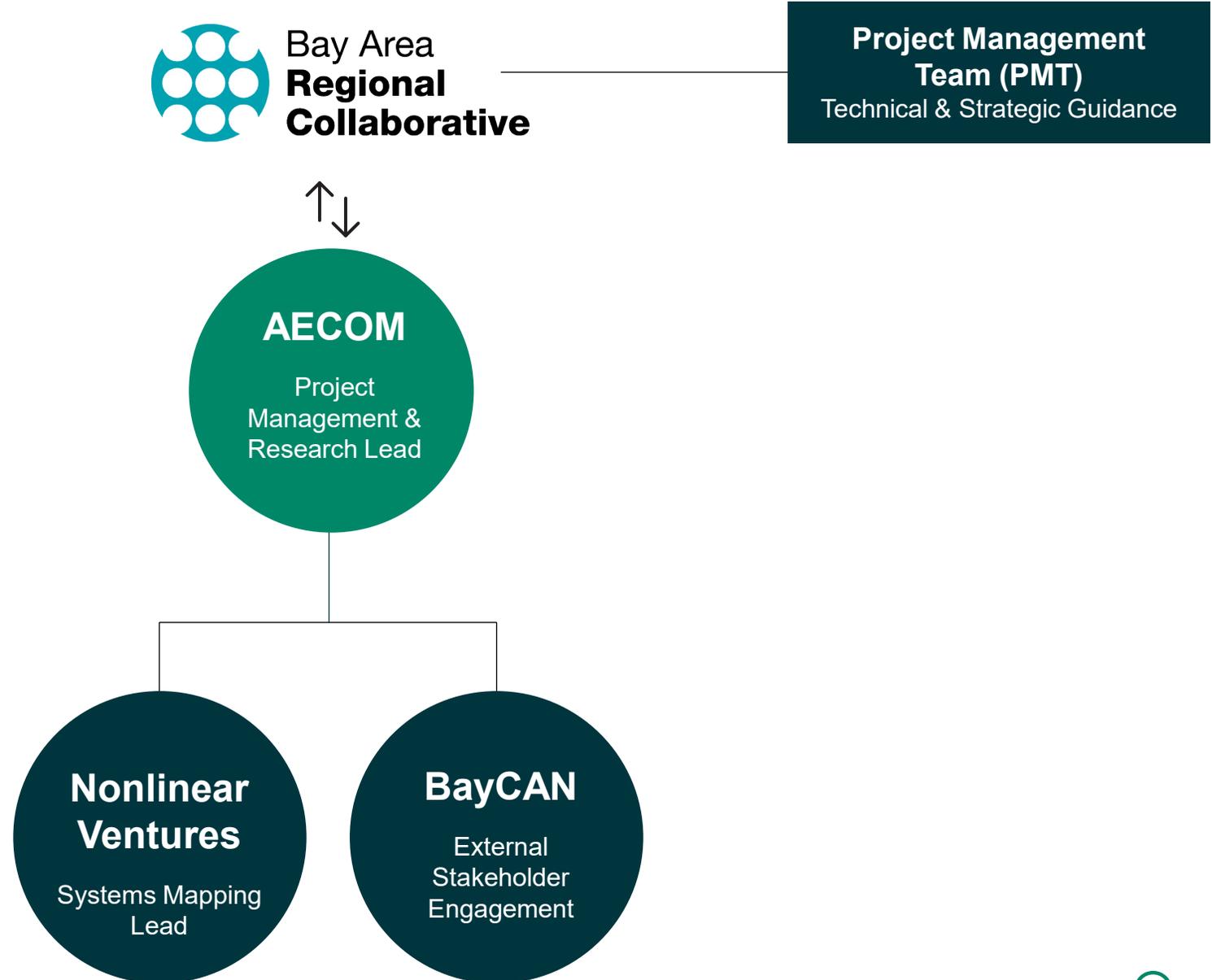
# Agenda

01 Team Introductions

02 Project Goals, Scope, and Timeline

03 Introduction to Systems Mapping

# Org chart



# Goals & Objectives

## Goals:

- Map how BARC member agencies currently address climate resilience and adaptation through their respective enabling legislation, roles, responsibilities, authorities, mandates, missions, policies, practices, and available resources
- Lay groundwork for a potential Regional Multi-Hazard Adaptation Plan and a climate adaptation technical assistance program

## Objectives:



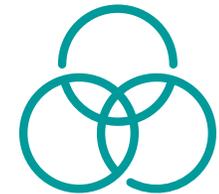
Define **roles, responsibilities, and authorities** of the 7 BARC member agencies, in relation to local, state, and federal partners



Delineate relationships among primary regional long-term **planning documents and regulatory efforts**

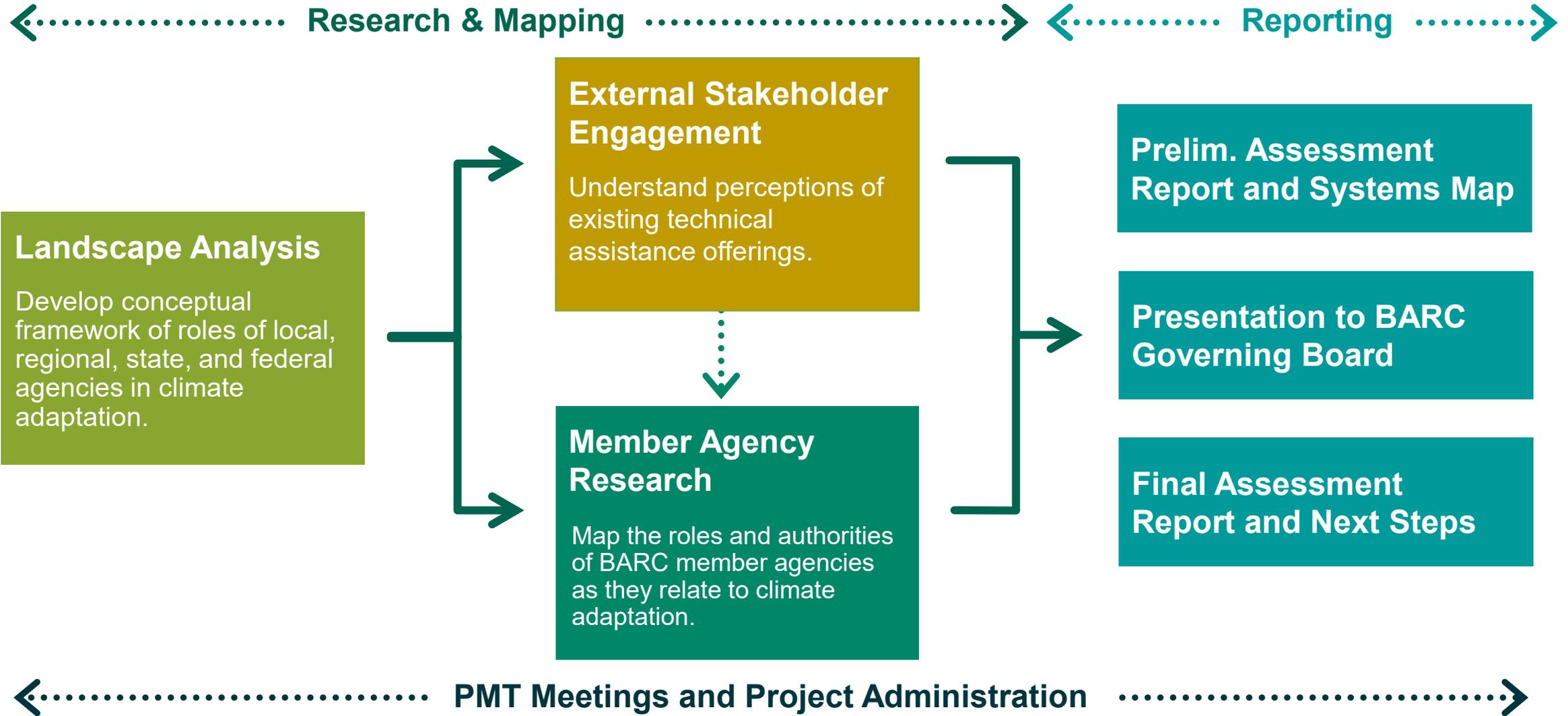


Map **technical assistance** currently provided by member agencies (topic areas covered, primary audience/recipients)



Illustrate **gaps and overlaps** in adaptation planning capacity; recommend next steps

# Scope of Work



# Key Research Questions & Outcomes



## Landscape Analysis

### Key questions

- What are the levers available to drive climate adaptation?
- Which agencies have the authority to exercise these levers?

### Task Outcomes

- Understand context in which agencies operate, relationships between agencies and with communities
- Inform parameters of Member Agency Research



## Stakeholder Engagement

### Key question:

- How are stakeholders using technical assistance programs and services, and what types of assistance do they need?

### Task Outcomes

- Understand effectiveness of existing technical assistance programs, how they can be improved, and opportunities for new programs.
- Inform recommendations for development of new technical assistance programs in the final report.



## Member Agency Research

### Key questions

- What are agencies' authorities, roles, responsibilities, work plans, etc. related to climate adaptation?
- Where are there gaps and overlaps?

### Task Outcomes

- Understand the roles, authorities, and programs of each agency as it relates to climate adaptation planning
- Inform identification of gaps, opportunities, and next steps the final report.

# Preliminary project timeline



**Landscape analysis**  
*Jan - Feb 2023*



**Stakeholder engagement**  
*Jan - May 2023*



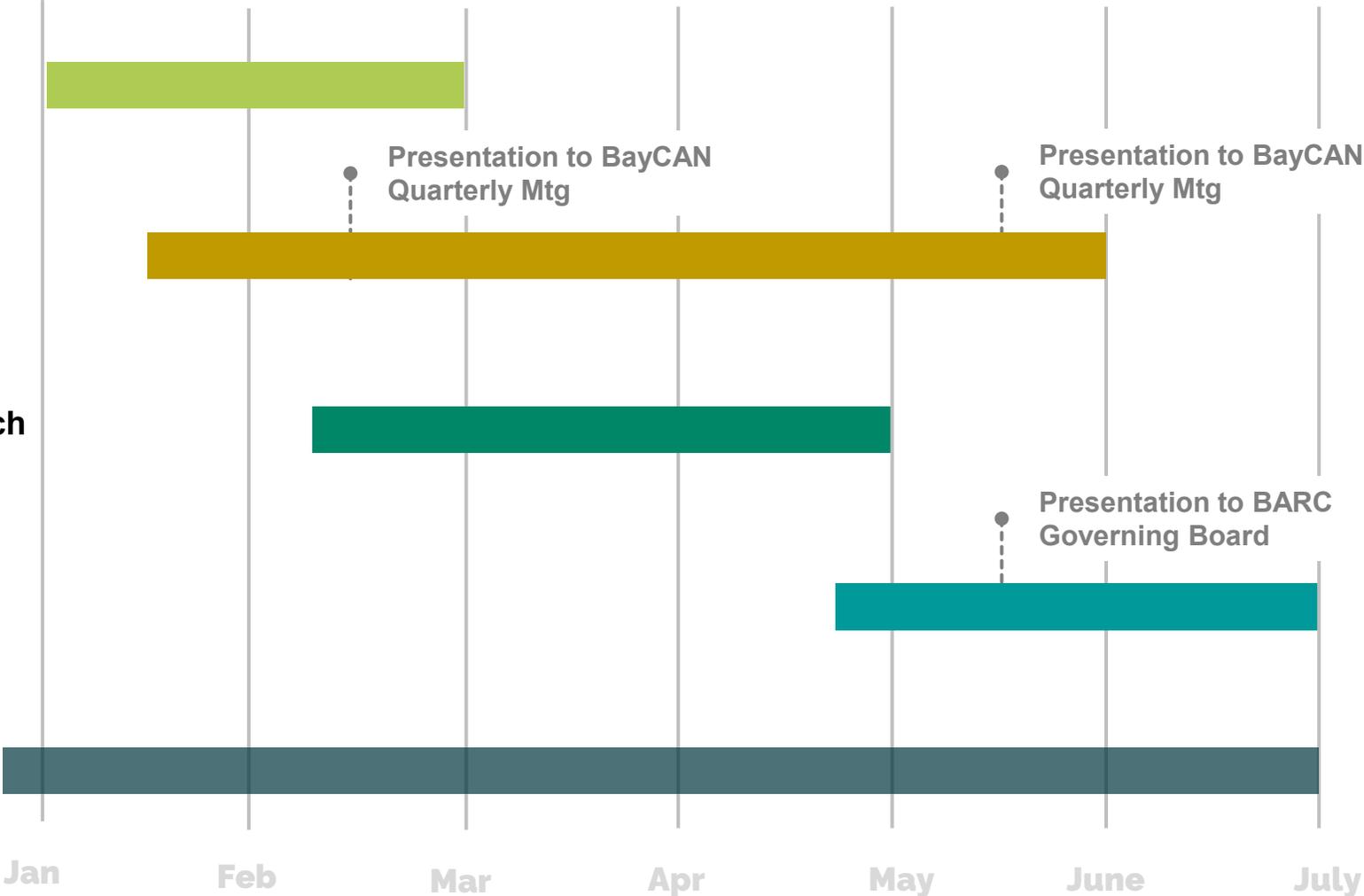
**BARC member agency research**  
*Feb - April 2023*



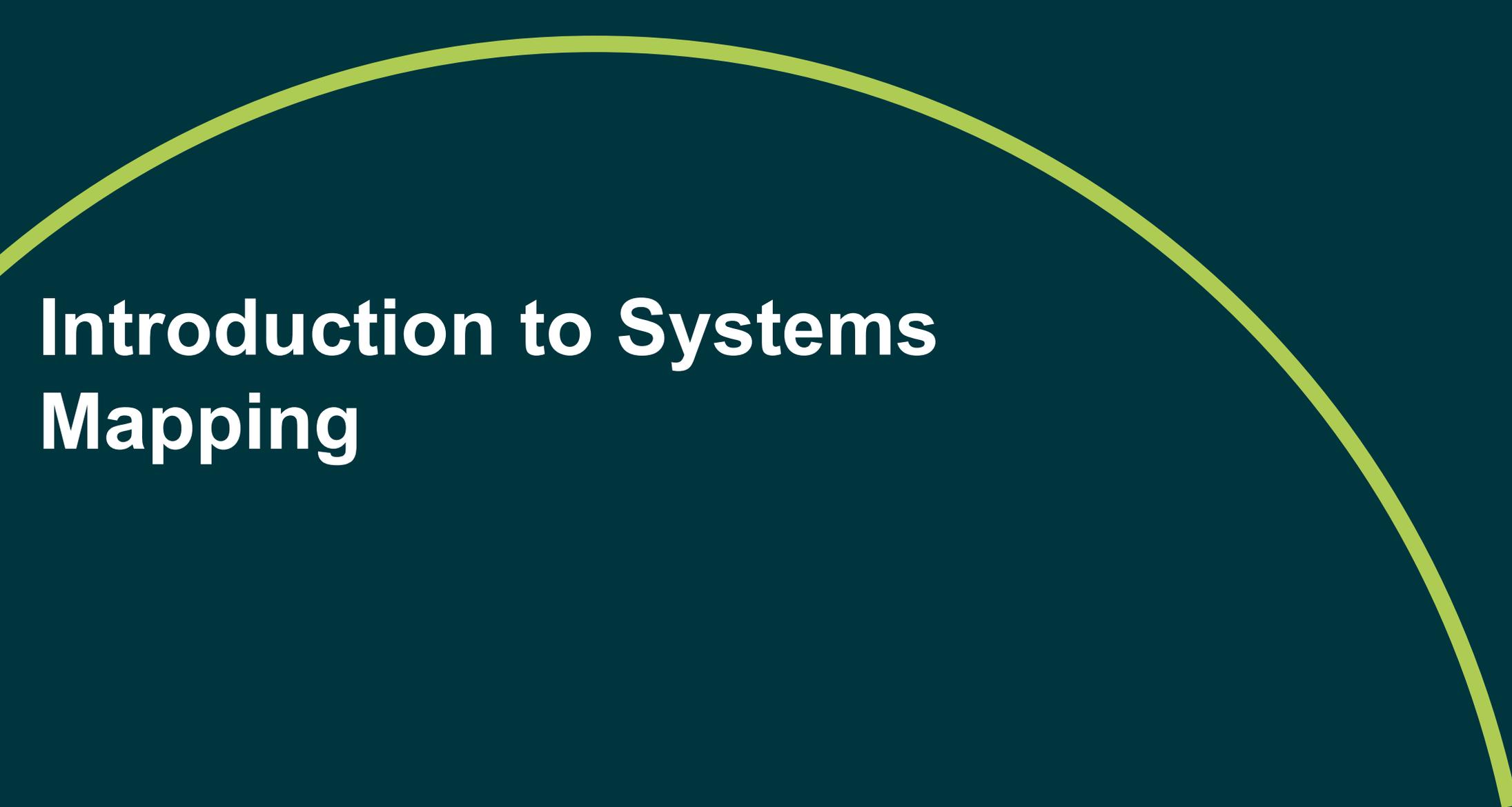
**Assessment report**  
*May - June 2023*



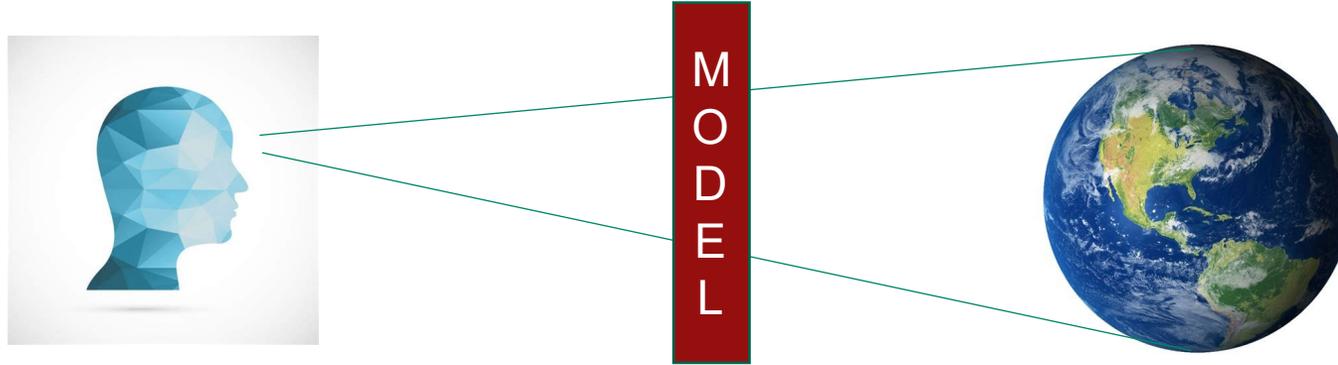
**PMT meetings (~monthly)**  
*Dec 2022 - June 2023*



2023



# Introduction to Systems Mapping



We each view the world through our own mental model(s).

These models differ from each other and diverge from reality to varying degrees.

We will build a SHARED adaptation model as close to reality as possible.

**BETTER MODELS → BETTER DECISIONS**

Distinctions

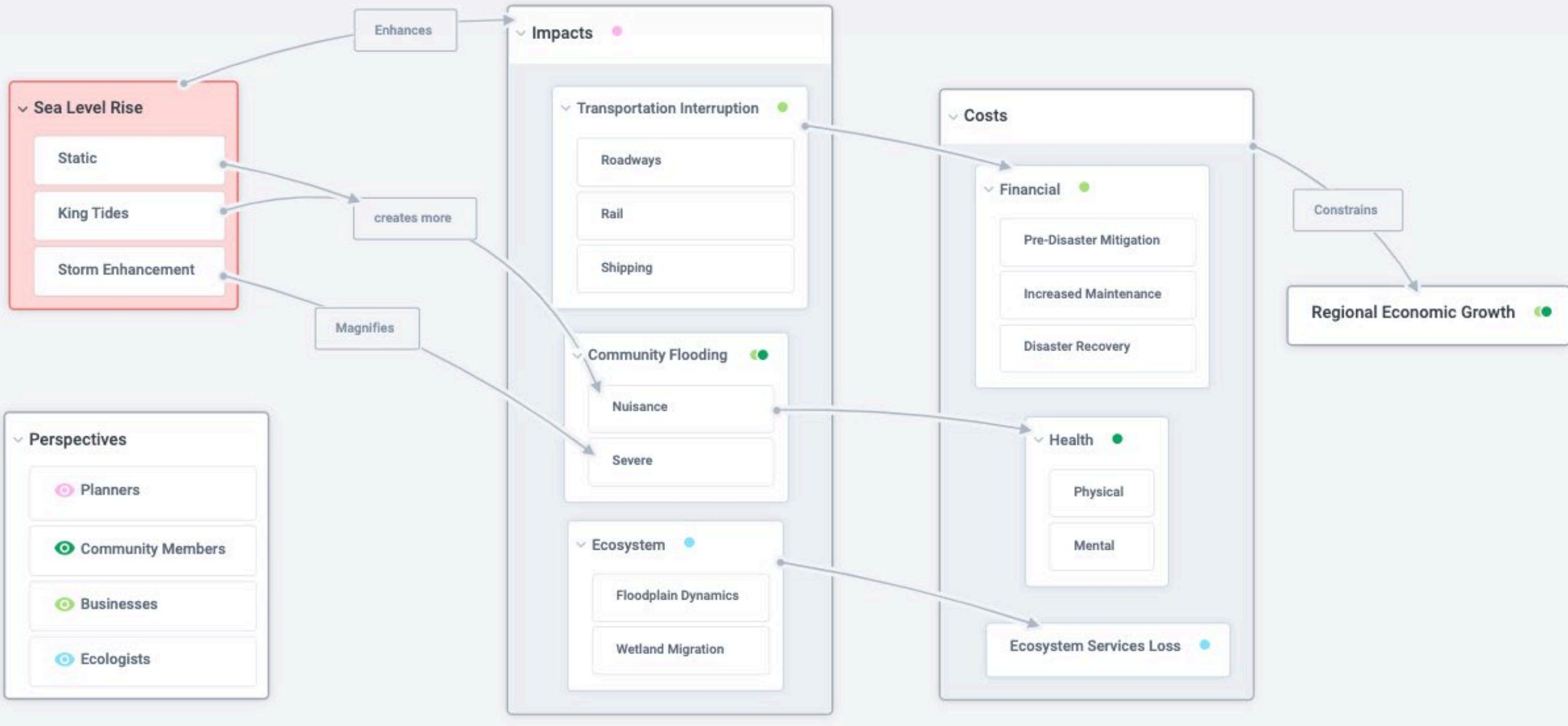
Systems

Relationships

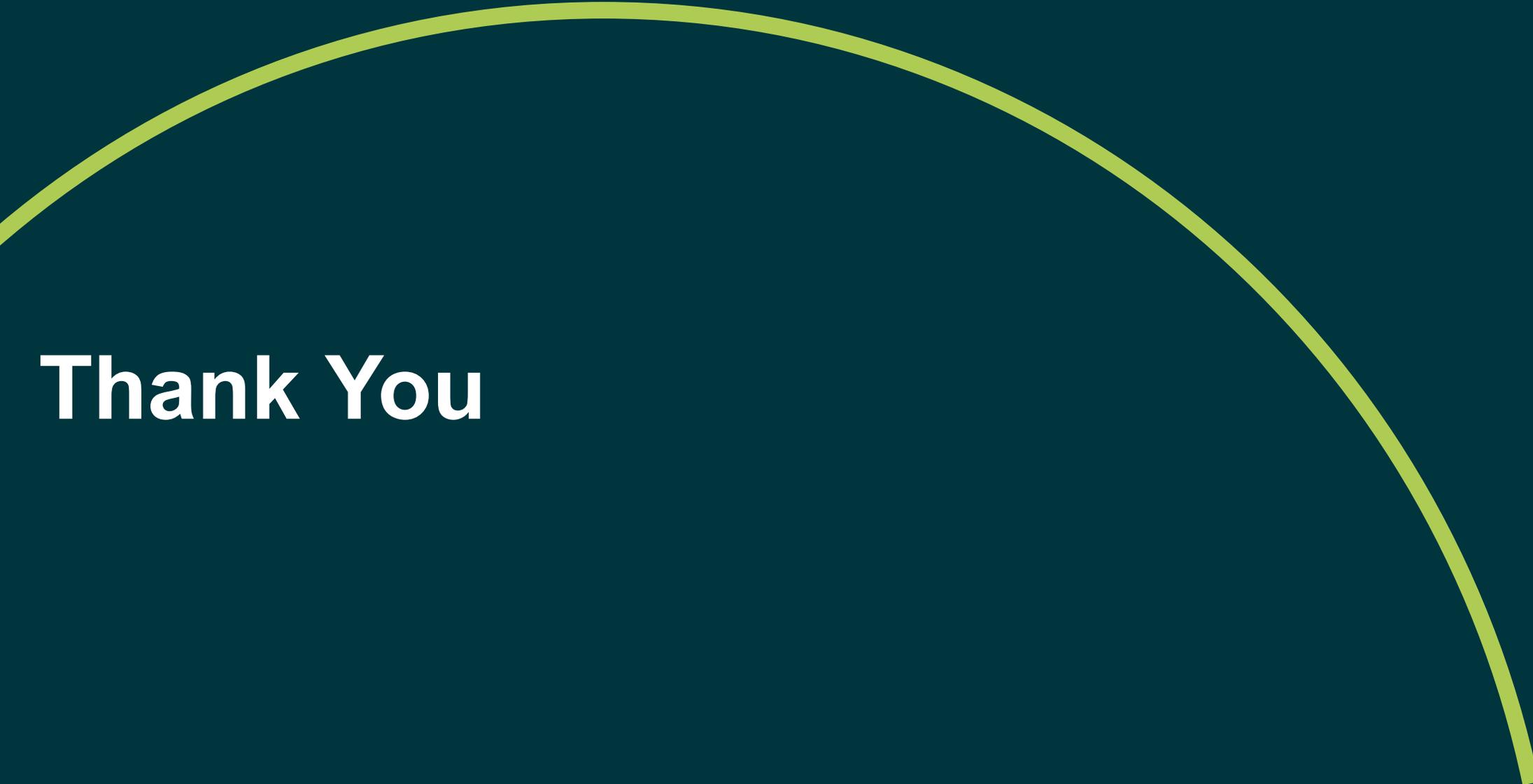
Perspectives

## Sea Level Rise





**Questions?**



# Thank You