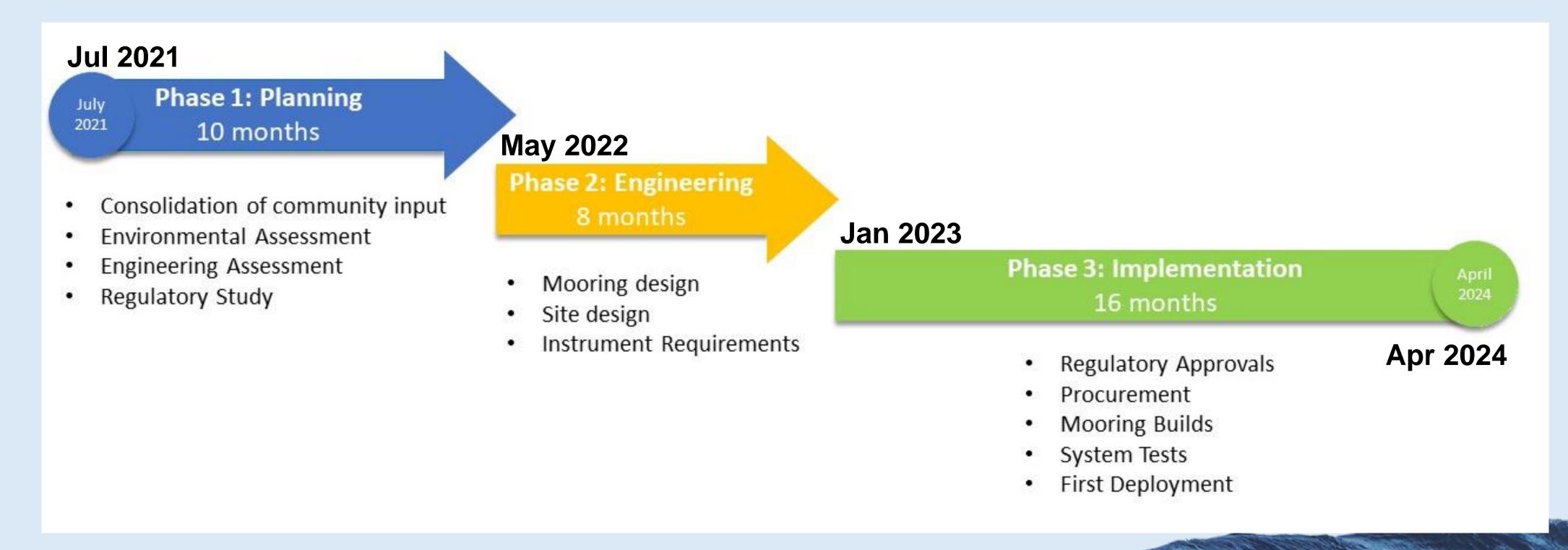


Relocation Timeline

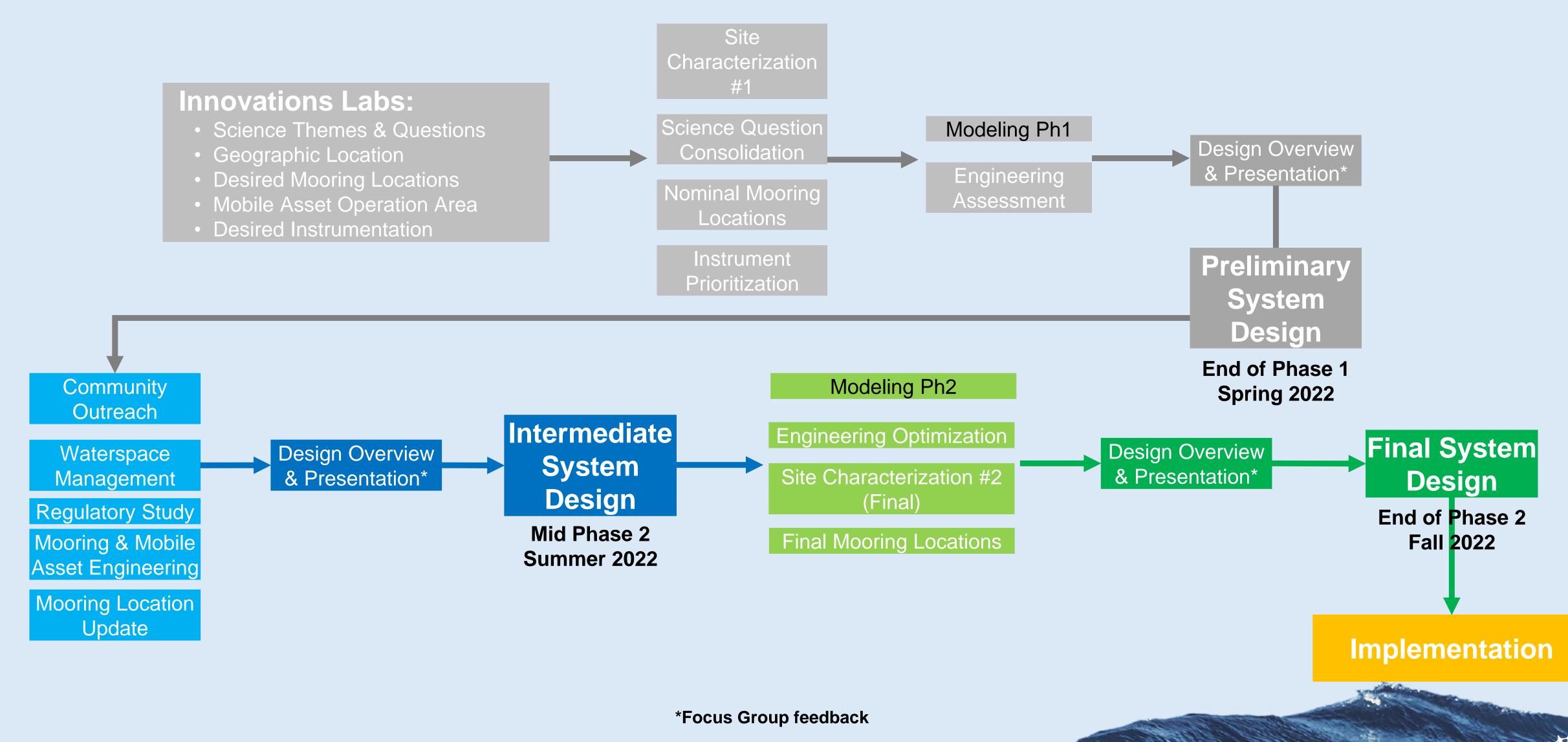
- Decision to relocate: Announced Apr 2021
- Innovations Lab report: Sep 2021
- Relocation has three phases: Planning, Engineering, Implementation







Workflow





Planning Phase Status

- Consolidation of Innovation Labs input
 - Underway, Focus Group established
 - Scope: science themes, array design, instrumentation
- Site Characterization
 - Team in place, kickoff next week
- Regulatory Study
 - RFQ on the street, vendor selection Jan 2022
- Engineering Assessment
 - Spring 2022



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Consolidation: Science Themes

- Approach
 - Reviewed Innovations Lab input and ranking
 - Developed themes based on highly ranked science topics
- High level themes
 - Dynamics of shelf/slope exchange
 - BGC cycling and transport; ecosystem response
 - Extreme events

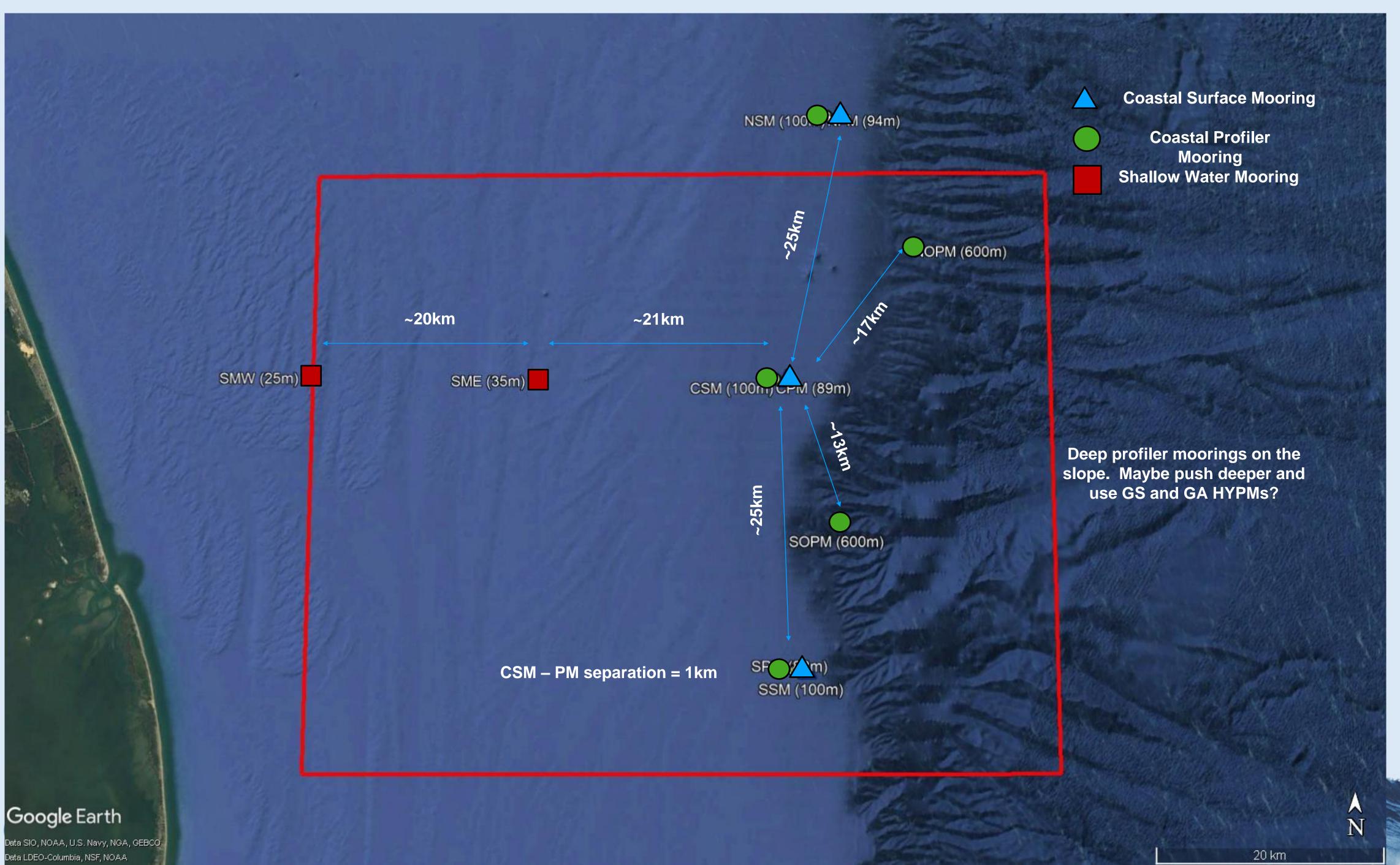


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Consolidation: Array Design

- Approach
 - Reviewed Innovations Lab preliminary designs
 - Assessed results relative to practical implementation
- Array Elements
 - 5 CPMs, 3 CSMs, 2 shallow moorings, gliders, AUVs
- Challenges
 - Shallow water mooring design
 - Instrumentation







Site Characterization

- Approach
 - CGSN Team, with support from WHOI Tech Staff
 - Outline developed, kickoff meeting next week
- Multiple iterations leading to final array design
 - Desktop study, extract data from existing sources
 - Follow up on actionable items form Regulatory study
 - Feedback to array layout and mooring design
 - Finalize based on regulatory and waterspace requirements





Regulatory Study

- RFQ for Regulatory Study went public late Nov
 - Desktop study for regulatory/permitting process
 - Basis is NES infrastructure and proposed MAB array design
 - Five vendors: AECOM, CSA, TetraTech, RPS Group, ECO-49
- Timeline
 - Questions from vendors by 8 Dec
 - Vendor responses by 22 Dec
 - Vendor selection by end of Jan 2022
 - Target for completion 3 months



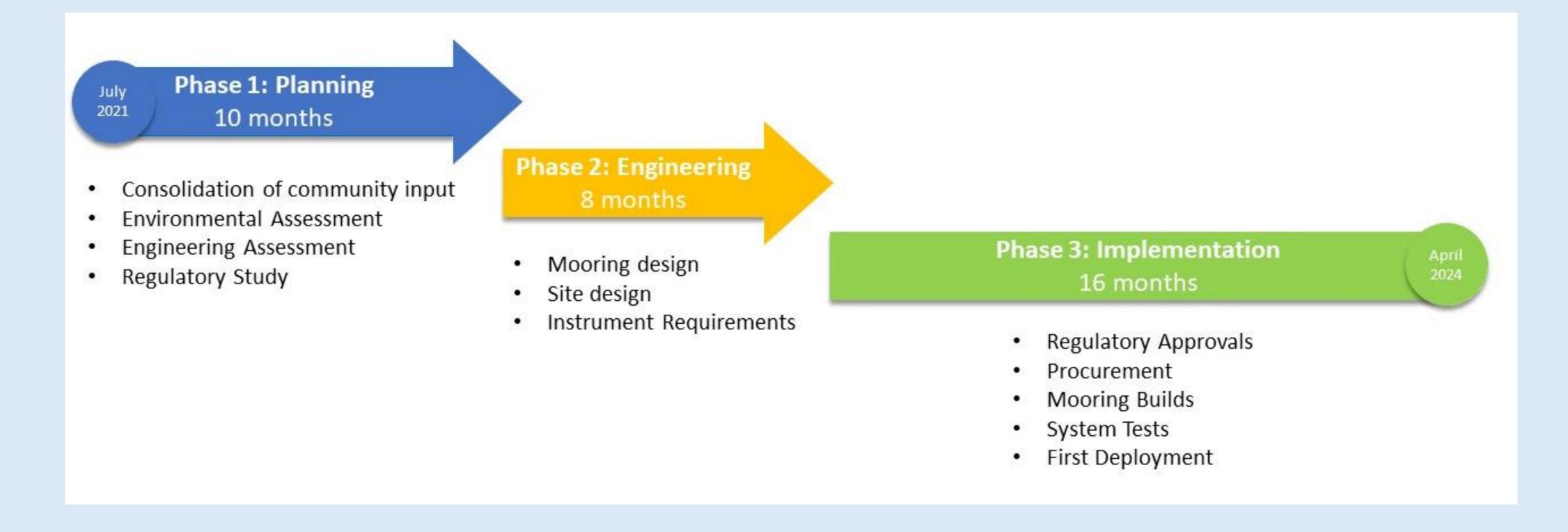
Outreach and Communication

- Focus Group, PI discussions, site visits
- Waterspace management (fishers, wind farms, Navy, USCG)
- Program meetings (PMO, SOC, OOIFB/NSF)
- Updates at national meetings
- Updates on website, newsletter and social media
- Program documents on OOI website and Alfresco
 - Site Characterization, Engineering Docs, Sampling Plan
- Recommendation: Southern MAB Pioneer science workshop
 - OOIFB lead, Spring/Summer 2023



Relocation Timeline

• Three main phases: Planning, Engineering, Implementation







Questions?

