

A Conservation Gap Analysis for the National System of MPAs

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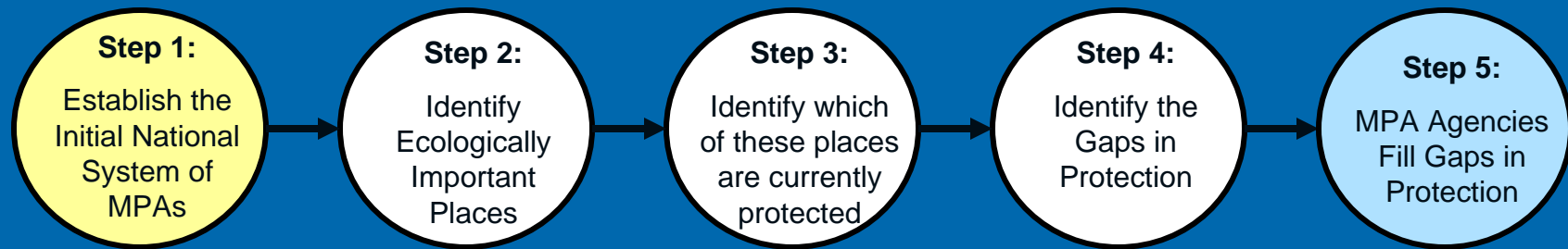
Building The US National System of Marine Protected Areas

Executive Order 13158 directs NOAA and DOI to create a US national system of MPAs that:

- Comprehensive -> multiple goals + mgm approaches
- Science-based
- Stakeholder-informed
- Created and managed with transparency to all
- Includes existing MPAs meeting NS criteria
- Will include new or enhanced MPAs created by action agencies to meet specific conservation needs

Long-Term Development Process for the US National System of MPAs

Gap Analysis Process to Strengthen and Expand the National System of MPAs



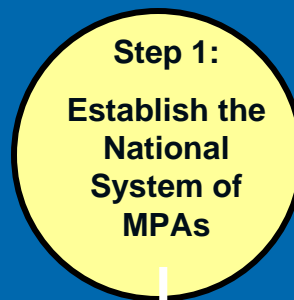
MPA Inventory of
~1,700 Sites



Identify existing
MPAs that meet
National System
criteria



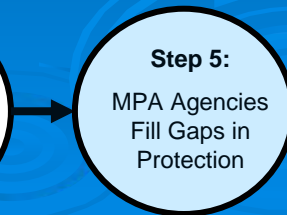
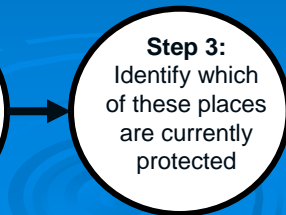
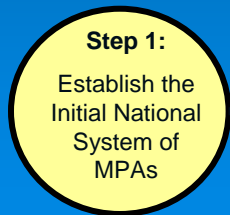
Nomination
of existing
MPA Sites



**A National System of
MPAs**

Inputs

Gap Analysis Process to Strengthen and Expand the National System of MPAs

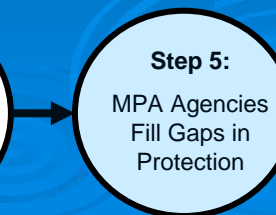
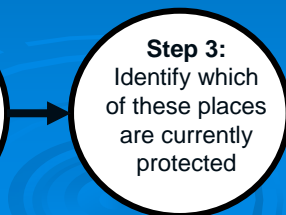
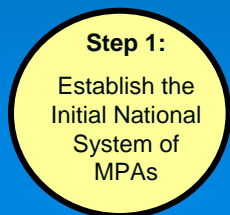


Spatial data on
priority
conservation
objectives



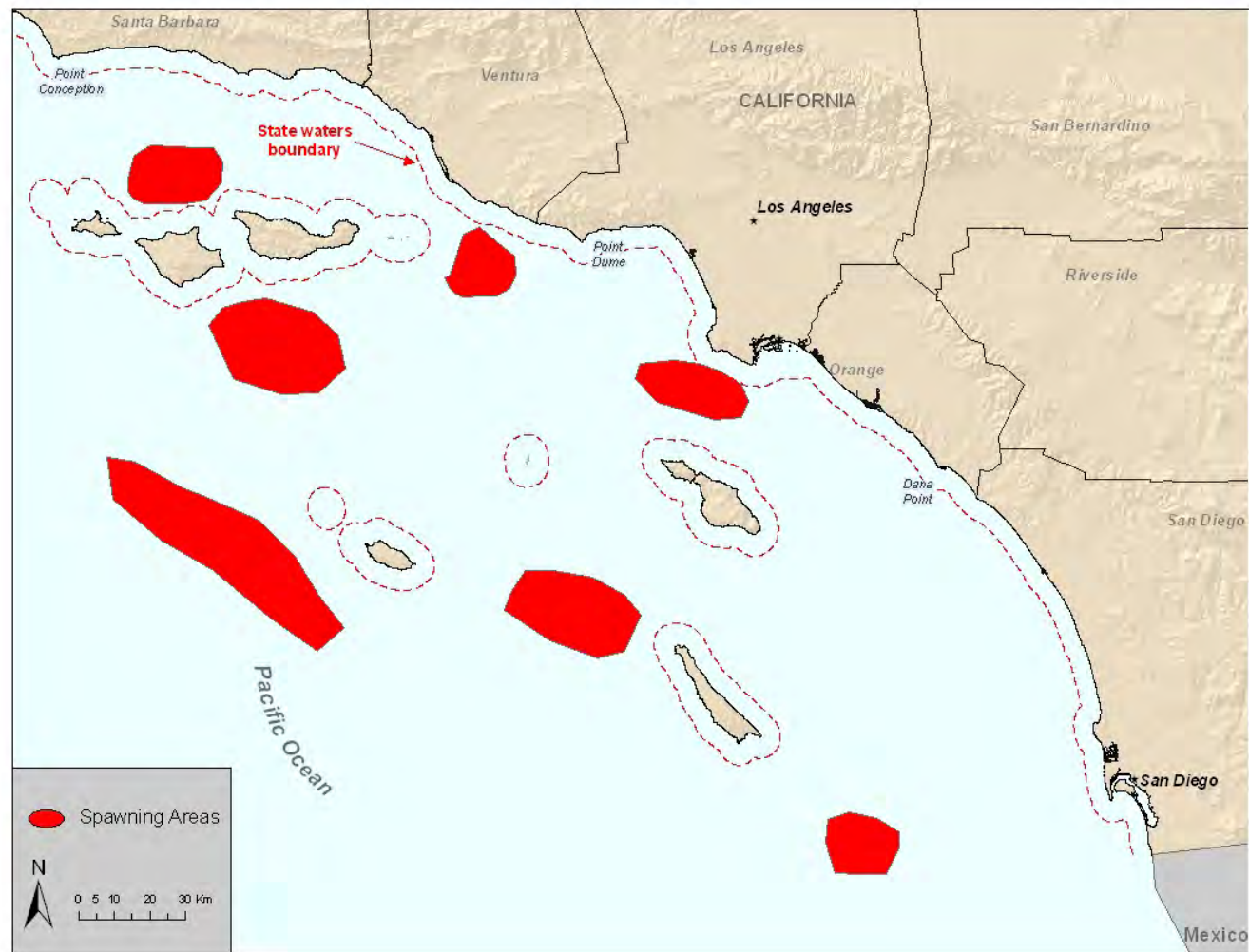
Maps and analyses of
region's ecologically
important places and
NS PCOs

Gap Analysis Process to Strengthen and Expand the National System of MPAs



Priority Conservation Objectives

- ex. Spawning Areas -



*illustrative
example*

Spatial data on MPAs from National Inventory

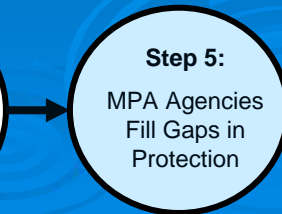
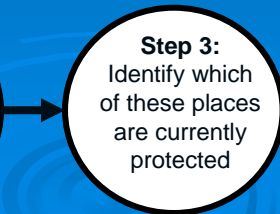
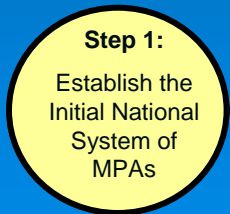


Overlay MPAs with ecologically important places

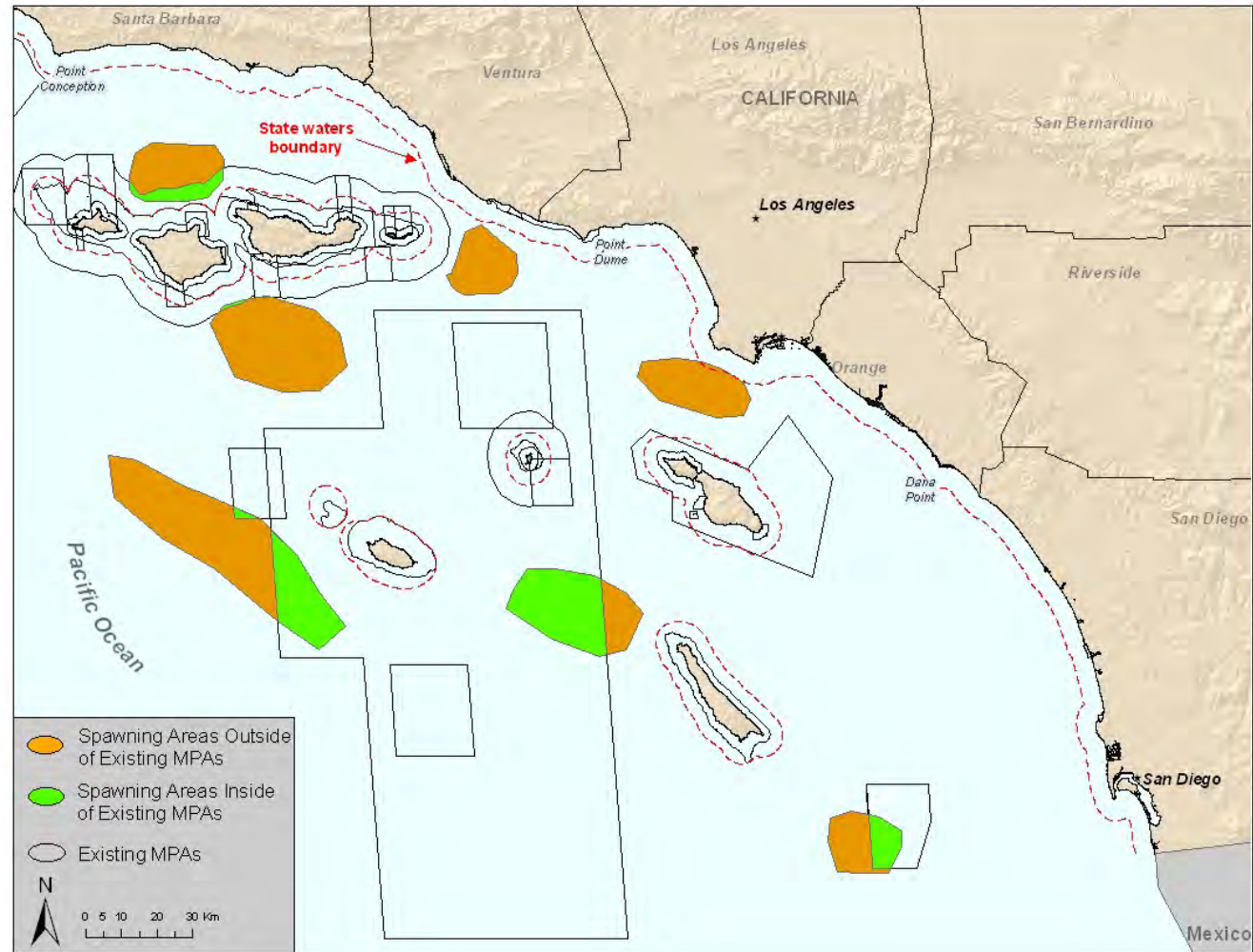


Maps & Analyses of Potential Ecol Impact of Existing Spatial Protection

Gap Analysis Process to Strengthen and Expand the National System of MPAs

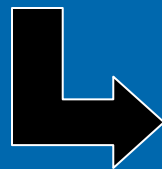


PCO Areas In and Outside of Existing MPAs



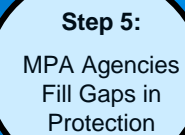
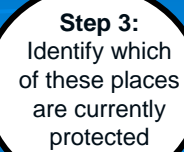
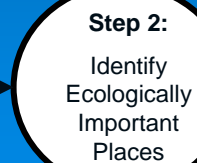
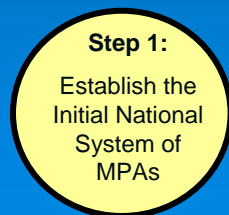
Where are the actual gaps in existing spatgial protection? Consider:

- Ocean uses, impacts and threats
- Governance data
- De Facto MPAs
- Other spatial management

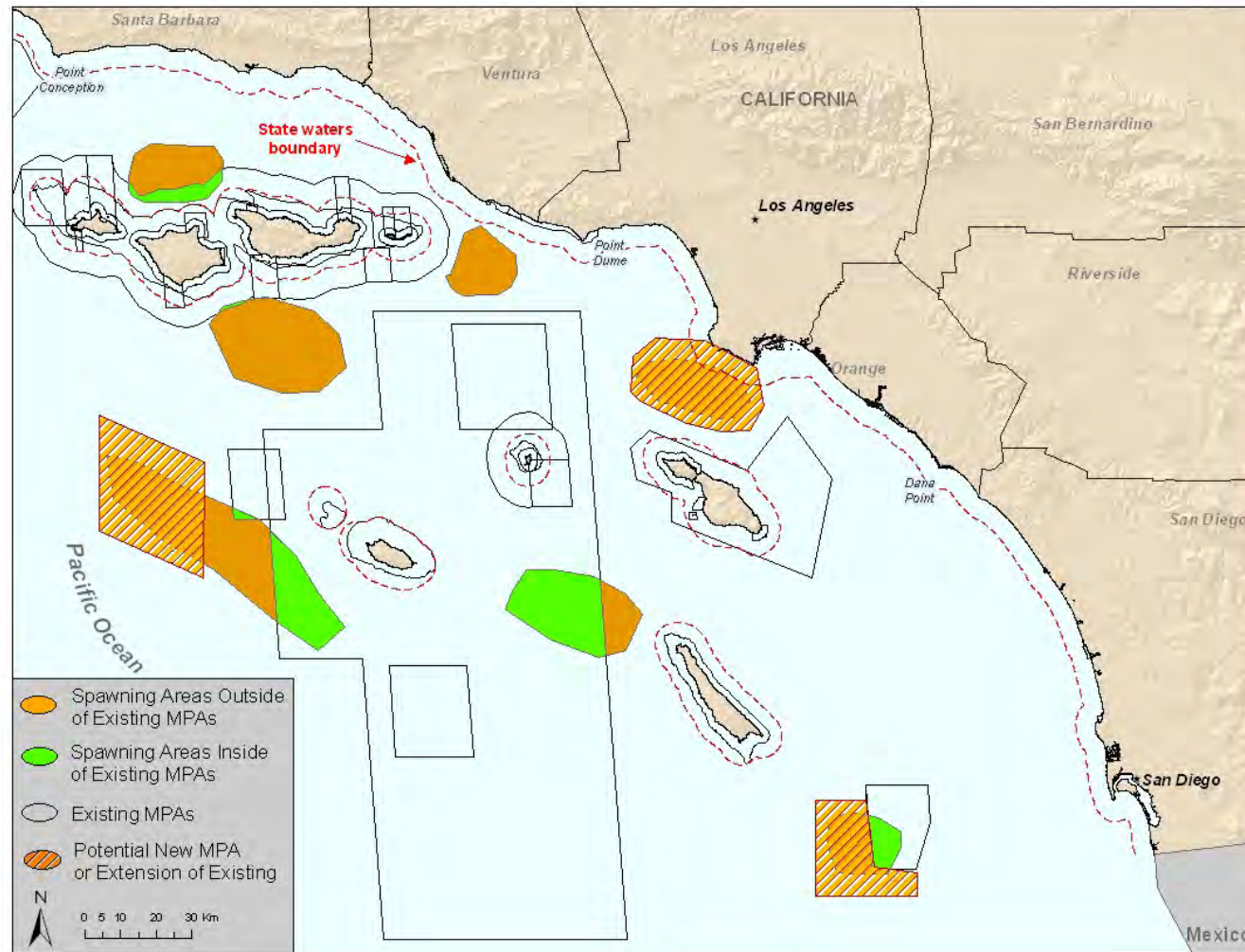


Maps & Analyses of
comprehensive gaps and
conservation priorities

Gap Analysis Process to Strengthen and Expand the National System of MPAs



Potential Applications in Regional MPA Planning Processes



illustrative example

Analytical products for MPA agencies to develop new, or strengthen existing, MPAs to fill identified gaps



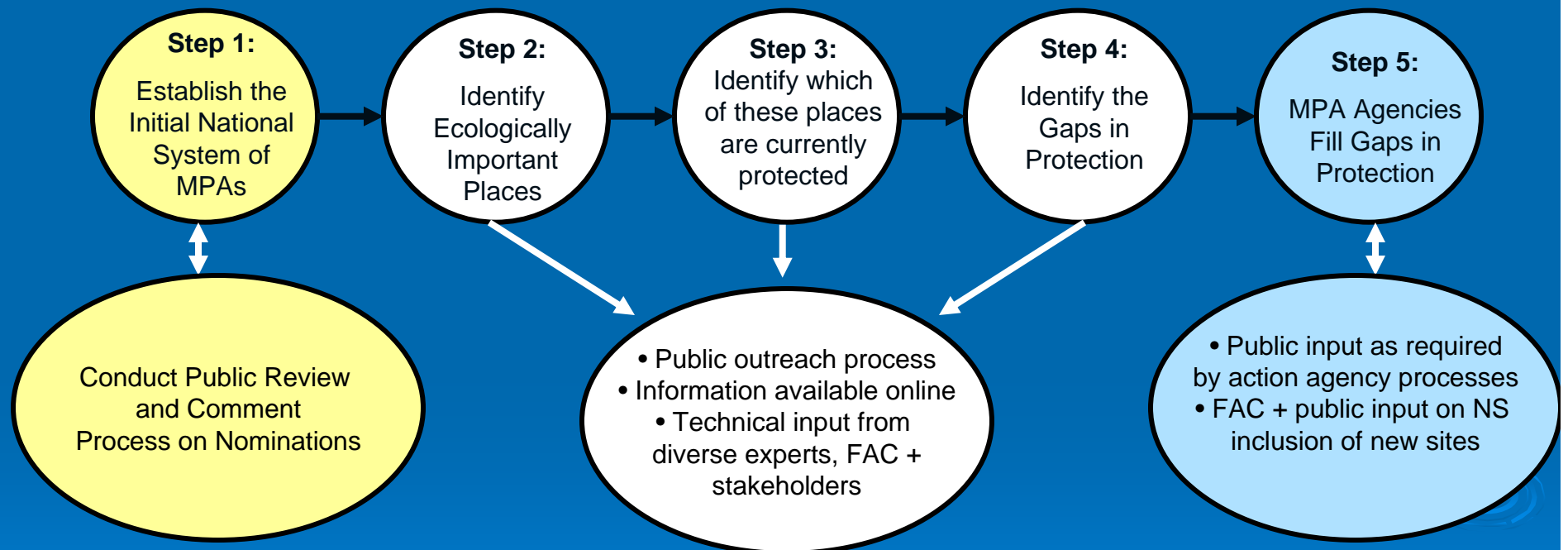
**Strengthen existing
MPAs and establish new
MPAs where needed**

Gap Analysis Process to Strengthen and Expand the National System of MPAs



Examples of Public Engagement

Gap Analysis Process to Strengthen and Expand the National System of MPAs



Gap Analysis Activities for FY09

- ID key partners, resources and data sources for initial West Coast effort
- Convene expert workshop to design national gap analysis process
- Plan initial data and mapping workshop(s) for FY10

