

A large school of fish, likely a species of snapper or similar, is shown swimming in a blue net. The fish are silvery with dark spots and stripes. The background is a deep blue, suggesting an underwater environment.

Visioning the Future of Aquaculture in Hawai'i

Malia Chow, Superintendent
NOAA's Hawaiian Islands Humpback Whale Sanctuary

Where We've Been

2009

- State and Federal
- Marine resource managers
- Policy makers
- Aquaculture scientists
- Extension personnel
- Aquaculture entrepreneurs

2010-2011

- Cultural and Fishpond Practitioners
- Community Leaders
- Fishers
- Farmers
- Business and Food Industry representatives

> Identified Need for workshop > Created Steering Committee

Workshop Advisory Team

- Carlos Andrade - Kamakakūokalani Center for Hawaiian Studies
- Malia Chow - NOAA Hawaiian Islands Humpback Whale National Marine Sanctuary
- Alan Everson - National Marine Fisheries Service
- Phil Fernandez - SAC Fishing Rep and Offshore Development Working Group Chair
- Kimokeo Kapahulehua - Ao'ao O Na Loko Ià O Maui
- Sam Lemmo - Office of Conservation and Coastal Lands
- Todd Low - Department of Agriculture
- Benny Ron - University of Hawaii Aquaculture Program

With tremendous staff support from Joe Paulin, Justin Viezbiecke, Collin Crecco

Aquaculture Workshop



Need for workshop:

Builds on previous meetings that identified aquaculture as an emerging issue for Hawaii.

Topics previously identified:

- Review the state of the science and available data
- Review the current permitting and leasing process
- Develop siting criteria
- Ensure food security for Hawai'i
- Clarify the roles, responsibilities and authorities of State and federal entities in advising and facilitating aquaculture in State marine waters, particularly the sanctuary.

Purpose of Workshop



Provide a forum for stakeholders to discuss and address key issues related to offshore aquaculture development in Hawaii

Hawaiian Islands Humpback Whale

NATIONAL MARINE SANCTUARY



- Five separate protected areas
- From shoreline to depth of 100 fathoms (600 feet)
- 1,370 square miles of federal and state waters
- Five offices on four islands



 Sanctuary Boundary

0 50 100 Kilometers

0 50 100 Miles

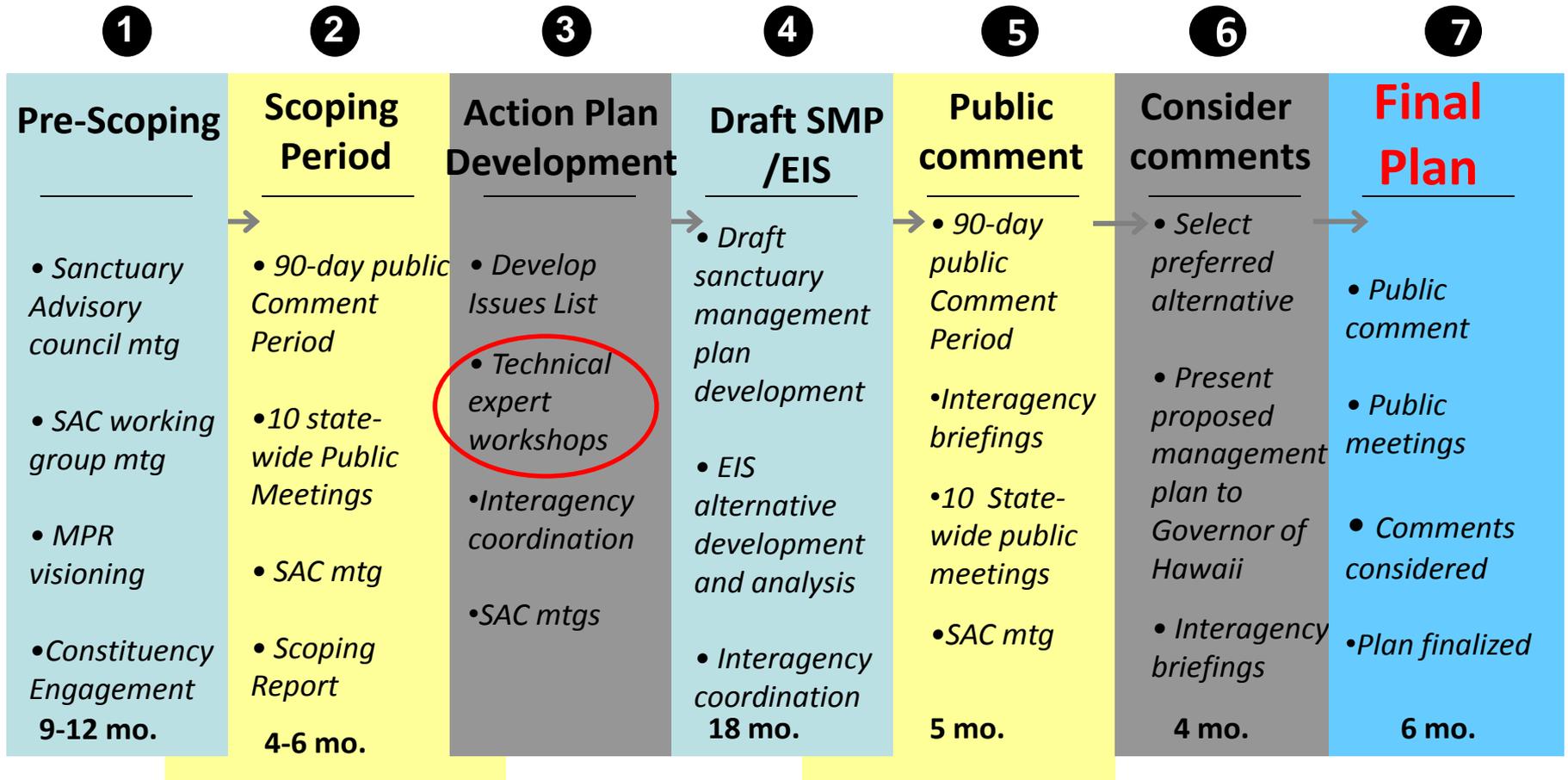


Management Plan Review

- Determine the future direction and scope of the sanctuary
- Seek public input and engage communities
- Consider additional protection for marine resources of national significance



Sanctuary MPR Timeline



We Are Here



Offshore Development



- Emerged as a priority issue from the public comments
- Concerns about offshore aquaculture, wind and wave energy structures and submerged power cables
- Sanctuary Advisory Council formed a working group to further refine this issue and develop management recommendations

Visioning the Future

Workshop products will be available online:

<http://www.aquaculturehub.org>

<http://hawaiihumpbackwhale.noaa.gov>



