Red Abalone FMP
Management Strategy Integration
Project Update

Marine Resources Committee Meeting
March 2019

Recapping the 2018 FGC Recommendation

1. Support addressing peer review recommendations to **integrate aspects of both draft management strategies**, based on a simulation modeling approach co-developed by DFW and the TNC-led stakeholder team, including engagement with abalone divers and other stakeholders
2. Revise FMP goals to allow for a ***de minimis* fishery option**
3. **Develop triggers** for the *de minimis* fishery option in consultation with stakeholders
4. Request that DFW develop a **proposed process and timeline** which accounts for active public and MRC engagement

Approach to Ensuring Cross-Engagement

Administrative Team

Project Team

Modeler(s)

Administrative (Admin) Team

- **Purpose:** To ensure that the Red Abalone Harvest Control Rule (HCR) Integration process occurs in a collaborative, efficient, and timely manner and informs a revised management chapter for the recreational red abalone fishery management plan (FMP)

- **Membership:** Primary/ Alternate
  - Sonke Mastrup [Secretary]/Ian Taniguchi (CDFW)
  - Elizabeth Pope/Susan Ashcraft (FGC)
  - Paige Berube/Jenn Eckerle (OPC)
  - Alexis Jackson [Chair]/Kate Kauer (TNC)
  - Joshua Russo/ Jack Likins (Waterman's Alliance)

Administrative (Admin) Team

- Anticipated Activities:
    - Inform structure and charge of Project Team
    - Assess funding needs to convene Project Team, and secure necessary funding
    - Schedule regular check-in calls
    - Schedule Project Team meetings
    - Draft progress reports for MRC meetings on progress
    - Organize public webinars and periodically update CDFW Red Abalone website
    - Deliver final summary report for FGC and CDFW managers to inform revisions to FMP

Administrative (Admin) Team

- Consensus-based decision-making around outlining the process for HCR proposal integration

- Progress to Date:
  - Finalized charters for Admin and Project Teams
  - Identified funding source and drafted funding proposal
  - Outlined draft HCR integration process
  - Outlined public engagement strategy

Project Team

- **Purpose:** To review and provide feedback on all scientific analyses conducted by modelers and provide input on the *de minimis* fishery and integrated harvested control rule design

- **Membership:**
  - Open to all agency staff and stakeholders for participation
  - Modelling capacity to be provided by Dr. Bill Harford, in consultation with peer reviewers and science staff from CDFW and TNC
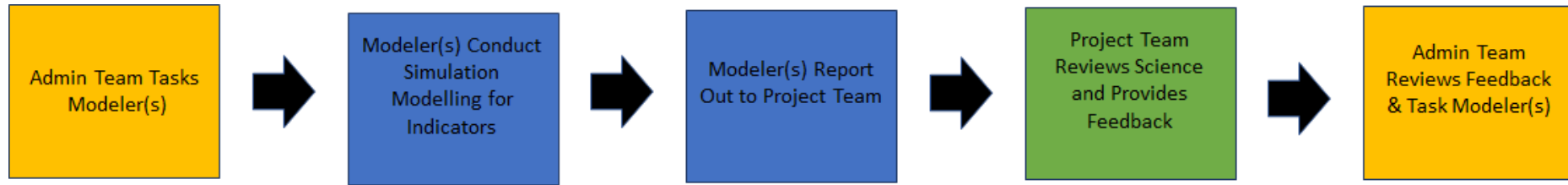
Project Team

- Anticipated Activities:
  - Consider all recommendations from the Final Recreational Red Abalone Peer Review Report
  - Review all scientific documents provided by modelers
  - Provide constructive feedback on science reported by modelers
  - Contribute to design of *de minimis* fishery
  - Propose candidate HCRs based on outcome of simulation modeling work

- Meetings will be under third-party facilitation to promote

Opportunities for Public Engagement

- There are several ways for a member of the general public to remain updated on FMP development process –

  - Follow Project Team Meetings

  - MRC and FGC Meetings

  - Webinars

  - CDFW Red Abalone Website

  - Engage with Admin Team Member(s)
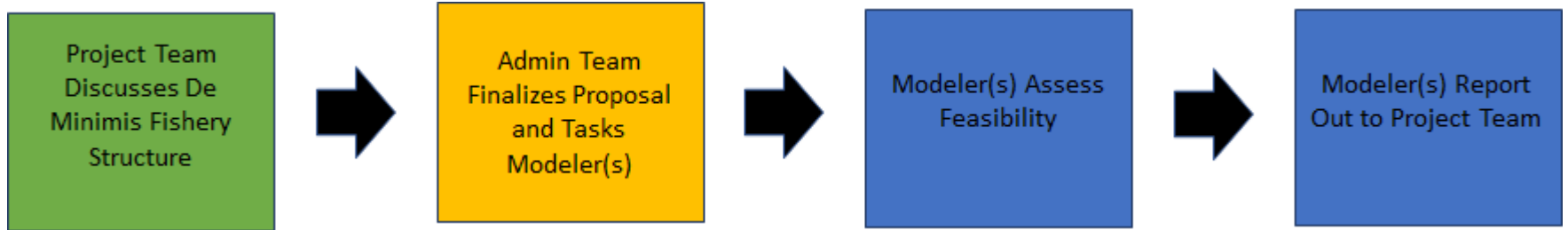
DRAFT HCR Integration Process

Step #1: Simulation modeling work

| Admin Team Tasks Modeler(s) | → | Modeler(s) Conduct Simulation Modelling for Indicators | → | Modeler(s) Report Out to Project Team | → | Project Team Reviews Science and Provides Feedback | → | Admin Team Reviews Feedback & Task Modeler(s) |

May repeat as feedback loop where modelers present revised model results to Project Team, Project Team provides additional input on model assumptions, and Admin Team reviews feedback from Project Team to inform any necessary tasks for modelers.
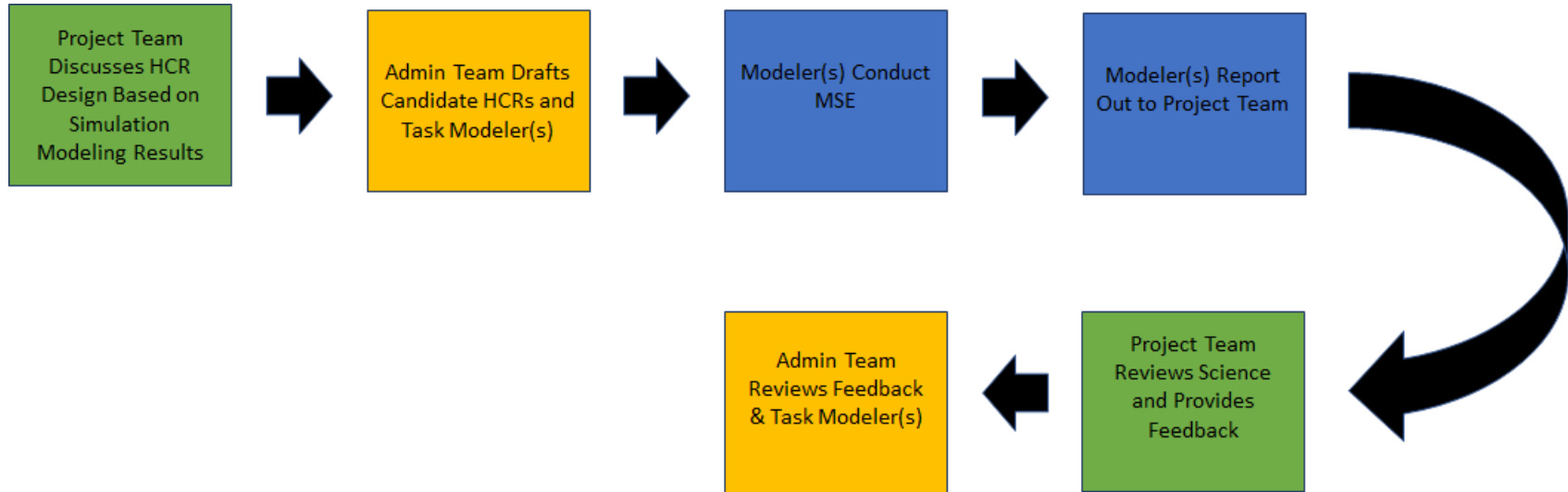
DRAFT HCR Integration Process (cont.)

Step #2: Design *De-Minimis* Fishery

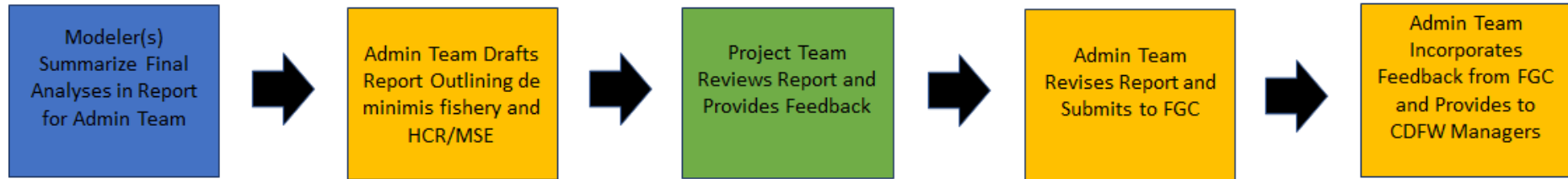| Project Team Discusses De Minimis Fishery Structure | → | Admin Team Finalizes Proposal and Tasks Modeler(s) | → | Modeler(s) Assess Feasibility | → | Modeler(s) Report Out to Project Team |

DRAFT HCR Integration Process (cont.)

Step #3: Design integrated HCR

Upon seeing revised results from modelers, the Project Team may select or revise HCR based on MSE performance results and repeat process

DRAFT HCR Integration Process

Step #4: Develop Final Report to CDFW on Integration Process Outcomes for FMP

| Modeler(s) Summarize Final Analyses in Report for Admin Team | → | Admin Team Drafts Report Outlining de minimis fishery and HCR/MSE | → | Project Team Reviews Report and Provides Feedback | → | Admin Team Revises Report and Submits to FGC | → | Admin Team Incorporates Feedback from FGC and Provides to CDFW Managers |

HCR Integration Timeline

- **First Project Team Meeting** -
  Apr 2019

- **Ongoing Modelling + Project Team Meetings** **- Apr to Dec 2019**

- **Complete HCR Integration Process** **- Dec 2019**

- **FMP Redrafting**
  - Spring 2020

Next Steps

- **Securing a third-party facilitator**

- **Scheduling the first Project Team meeting (April 2019)**

- **Finalizing an agenda for the first Project Team meeting**