



SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL

# Fishery Ecosystem Plan (FEP) II Two Year Roadmap Update

Habitat and Ecosystem Committee

March 2021

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*....To Conserve and Manage*

# SAFMC Fishery Ecosystem Plan II Summary and Two Year Roadmap

## Draft Update

December 2020

This update draws from panel member and other regional partner input to highlight actions initiated or accomplished to address priority actions presented in the 2018 Two Year Roadmap.



# Ongoing Support for Roadmap

The Habitat Protection and Ecosystem Based Management Advisory Panel met in 2018 and 2019 and via webinar in 2020 providing input on State, NOAA and regional partner activities conducted which address Actions in the Two Year Roadmap.



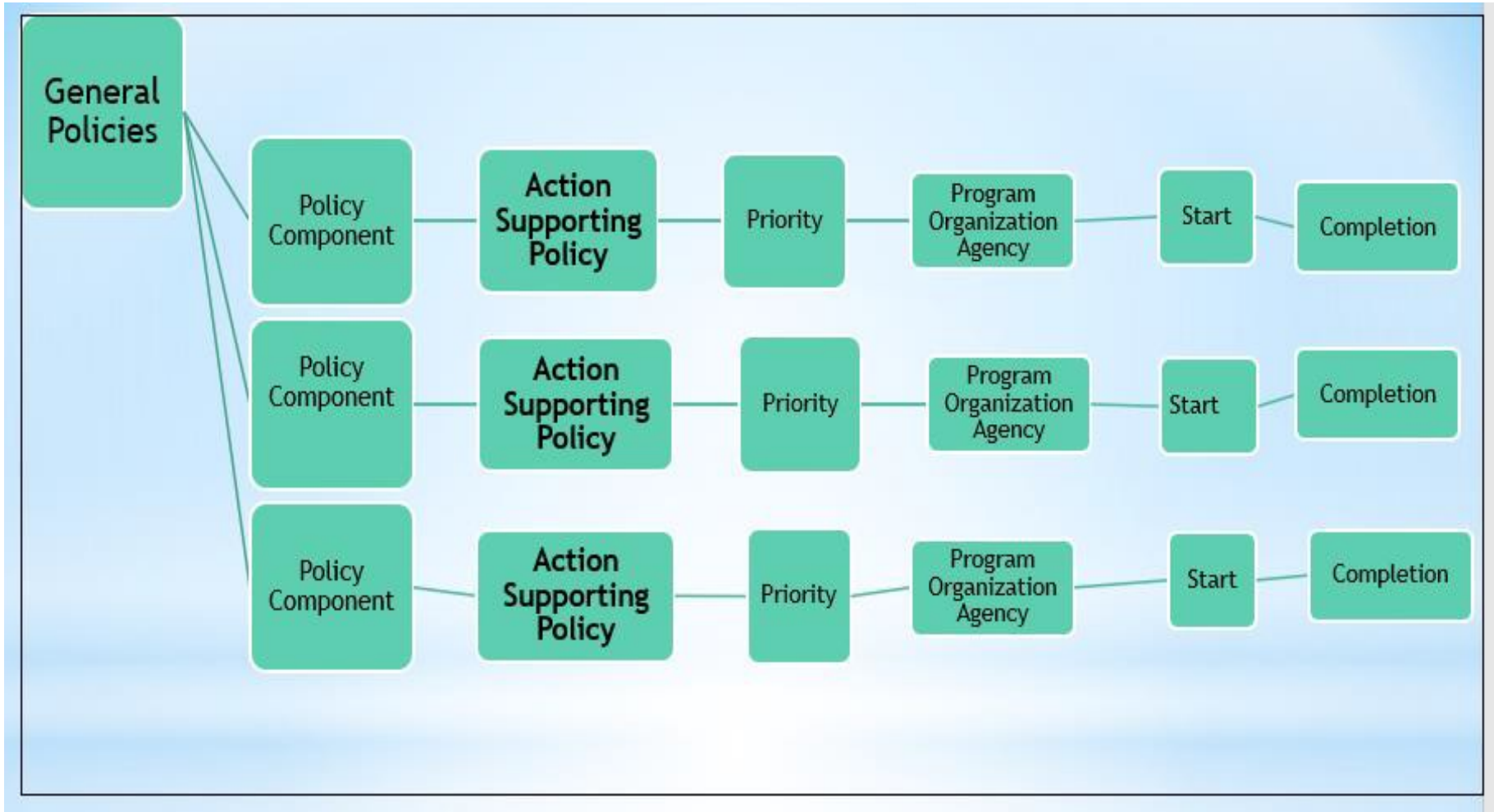
# FEP II Roadmap

Draws from the FEP II Implementation Plan and presents 3 to 5 priority actions for each of the 9 approved policy statements of the Council which would be initiated or completed over the next two years. advance Council policies supporting the move to EBFM in the South Atlantic Region

This update provides an overview of status of actions identified in the Roadmap and identifies State, Federal or regional partners who have or are addressing the priority actions since the approval of the implementation plan and Two Year Roadmap.



# From Policy To Action



## Chapter 1. South Atlantic Food Webs and Connectivity

# POLICY CONSIDERATIONS FOR SOUTH ATLANTIC FOOD WEBS AND CONNECTIVITY AND ESSENTIAL FISH HABITATS

Forage Fisheries

Develop Food Web Indicators

Food Web Connectivity

Trophic Pathways



## Chapter 2. South Atlantic Climate Variability and Fisheries

### POLICY CONSIDERATIONS FOR SOUTH ATLANTIC CLIMATE VARIABILITY AND FISHERIES AND ESSENTIAL FISH HABITATS

Species Distribution (shift/expansion)

Climate indicators

Effects of climate variability – integration into habitat and stock assessment



## Chapter 3. Marine Aquaculture

# POLICY CONSIDERATIONS FOR THE INTERACTIONS BETWEEN ESSENTIAL FISH HABITATS AND MARINE AQUACULTURE

## Suitability of potential aquaculture sites





## Chapter 4. Submerged Aquatic Vegetation (SAV)

# SAFMC POLICY FOR PROTECTION AND ENHANCEMENT OF ESTUARINE AND MARINE SUBMERGED AQUATIC VEGETATION (SAV) HABITAT

## Mapping and monitoring of SAV



## Chapter 5. Beach Dredging/Re-nourishment and Large Scale Coastal Engineering

### POLICIES FOR THE PROTECTION AND RESTORATION OF ESSENTIAL FISH HABITATS FROM BEACH DREDGING AND FILLING, BEACH RENOURISHMENT, AND LARGE-SCALE COASTAL ENGINEERING

Comprehensive environmental document preparation

Fill material and sediment characteristics

Dredging characteristics

Reducing impact



## Chapter 6. Energy Exploration and Development

# POLICY FOR THE PROTECTION AND RESTORATION OF ESSENTIAL FISH HABITATS FROM ENERGY EXPLORATION AND DEVELOPMENT ACTIVITIES

Avoid, minimize and offset damage

Avoid allowable fishing areas and deepwater CHAPCs

Compliance with transportation standards

Support EFH Consultation

Habitat mapping and characterization



## Chapter 7. Alterations to Riverine, Estuarine, and Nearshore Flows

### POLICIES FOR THE PROTECTION AND RESTORATION OF ESSENTIAL FISH HABITATS FROM ALTERATIONS TO RIVERINE, ESTUARINE, AND NEARSHORE FLOWS

Avoid, minimize and offset damage

Project requirements

Maintain natural flow regime



## Chapter 8. Non-Native and Invasive Species

### POLICIES FOR THE PROTECTION OF SOUTH ATLANTIC MARINE AND ESTUARINE ECOSYSTEMS FROM NON-NATIVE AND INVASIVE SPECIES

Development of novel gears and compliance

Placement cleaning requirements

Promulgate regulations for ballast water and treatment research

Harvest, eradication, and/or removal strategies



## Chapter 9. Artificial Reefs

# POLICY CONSIDERATIONS FOR DEVELOPMENT OF ARTIFICIAL REEFS IN THE SOUTH ATLANTIC REGION AND PROTECTION OF ESSENTIAL FISH HABITAT

Standardized comparison

Environmentally-safe, long-lasting materials

Mitigation

Long-term, multi-year standardized monitoring



# Next steps for FEP II Implementation Plan Next Gen Roadmap

Habitat and Ecosystem Advisory Panel Identify Preliminary List of Additional Actions for Next Generation Roadmap (2021-2023) **April/May 2021**



Habitat and Ecosystem Committee Reviews and Additional Actions for Next Generation Roadmap (2021-2023) **June 2021**



Habitat and Ecosystem Advisory Panel Confirms List and Status of Additional Actions in Next Generation Roadmap (2021-2023) **Nov 2021**

