



# Navigating Change: Climate adaptation planning for Sitka's fisheries

Presentation to City Council  
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**NOAA**  
**FISHERIES**

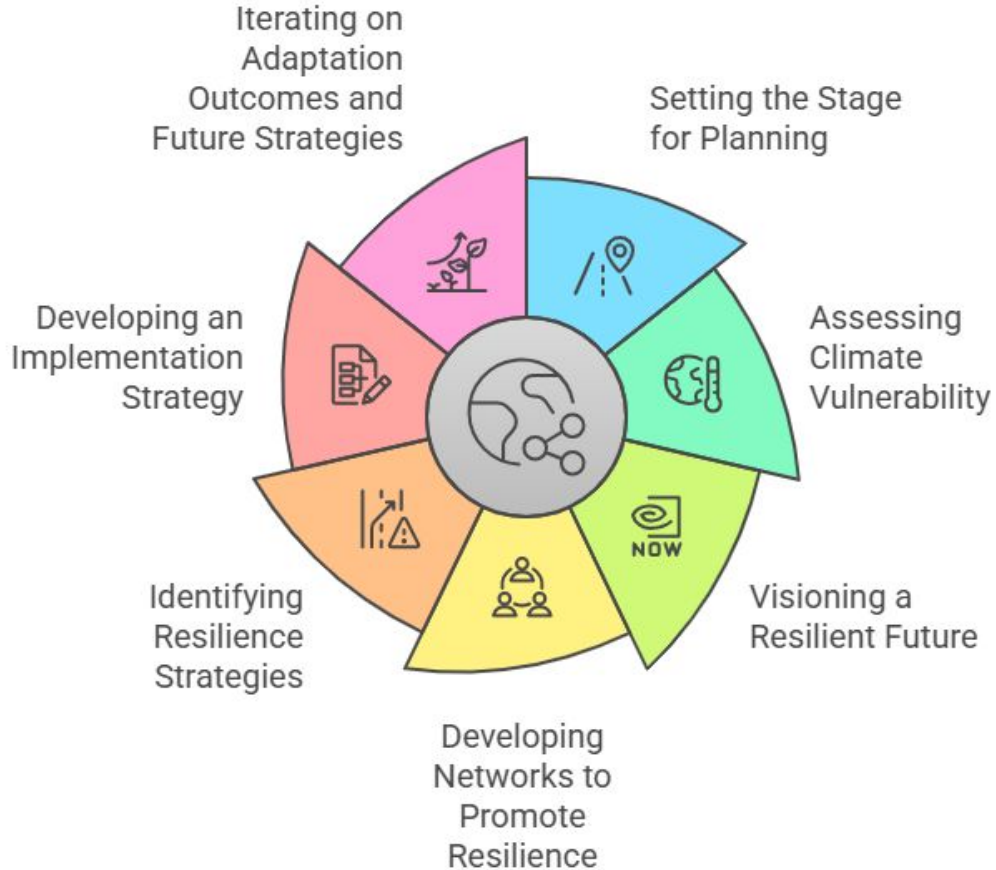
# THE BIG PICTURE

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- Ultimate goal is for a fisheries adaptation plan.
- This is going on in two other communities.
- Currently action and opportunity around this topic

# Comprehensive Climate Resilience Planning



- Project began in late 2023
- Completed Detailed Vulnerability Assessment
- Visioning for a Resilient Sitka 2050 in December 2024
- Currently Identifying Resilience Strategies

## Shaping the Future of Sitka



- Sitka's future is grounded in shared values.
- Resilience is grounded in intersecting focus areas and collaboration.
- Energy independent, workforce development, and fisheries access have emerged as key areas for collaboration.

## Resilience Focal Areas for Sitka in 2050



# Strategic Planning Outreach Themes



## Resilience Focal Areas for Sitka in 2050



Parallels between Sitka Strategic Plan (2022-2027) and our planning effort:

- Sustainability of the fishing industry will necessitate **reducing energy costs**, as volatility in prices and fisheries increases.
- Collaborative solutions for **energy infrastructure** for the fishing fleet are needed.
- **Workforce development** initiatives will need to integrate energy transitions.
- Fishermen contribute to local and regional **food security**.

# Grant opportunity for collaborative seafood decarbonization solutions

- The City's ETIPP project has identified the seafood industry as a major source of diesel emissions. The industry can reduce emissions and operating costs through energy transition.
- Proposed project elements (total request capped at \$100K)
  - Collaborative planning for energy solutions - City, ASFT/ALFA, SPC and ??
    - Bring in other local partners as well - Eco-tourism and marine transportation
  - Baseline information gathering/updating
    - Energy audit for SPC, update to Fishing Vessel Energy Analysis Tool
  - Pilot projects
    - Electric forklifts
    - Heat recovery from freezer compressor
    - Solar panel system for processor (water pre-heating)
    - Additional fuel flow meters on fishing boats
- Requests of Assembly
  - Participation in planning meetings (5 in one year) - can be funded through grant
  - Letter of support for proposal
  - As desired: input on collaborative partners, baseline information gathering, pilot projects