

Developing Future Scenarios for Climate Change in the California Current Ecosystem

Report on Regional Implications Workshops

March 2021

Items to Cover

Reminder of the CCI climate change scenario planning exercise

Update on work conducted since September 2020

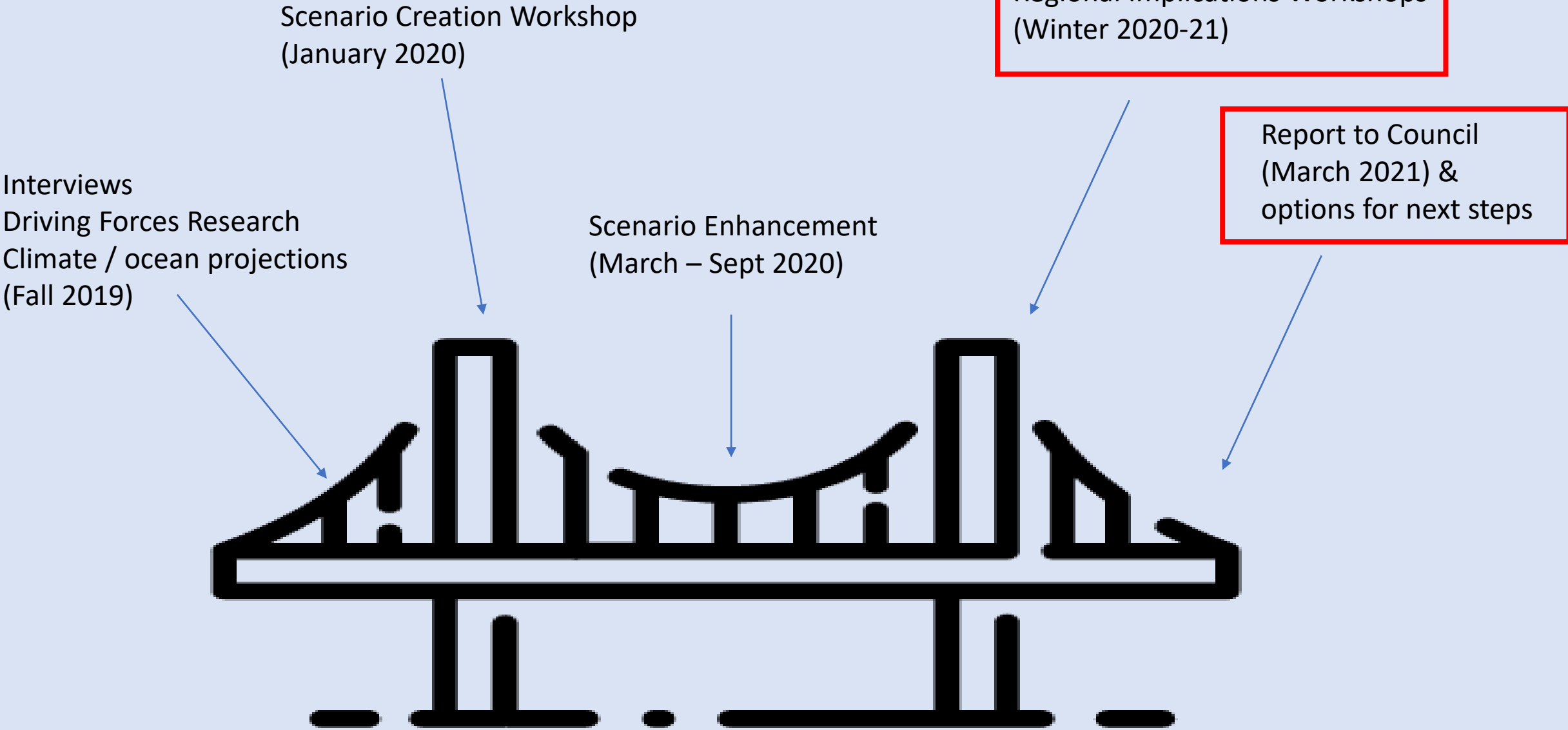
Report on Regional Implications Workshops

Options for Next Steps

Scenario Project Objectives

- Explore how climate-related shifting stock availability and other factors might affect west coast fishing communities over the next 20 years
- Define and develop tools, products and processes so that management and communities can navigate uncertainty and react to potential future states

Process Overview



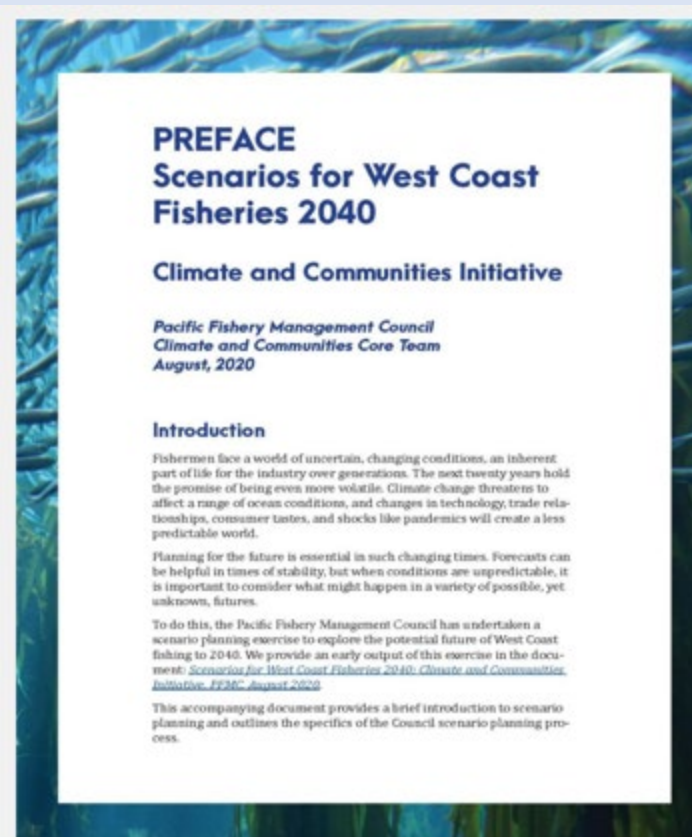
September 2020 – March 2021 Update

1. Scenario Development

Video



Preface



Full Report



September 2020 – March 2021 Update

2. Regional Implications Workshops

- *Southern California, Dec 16-17, 2020*
 - *Northern California, Jan 13-14, 2021*
 - *Washington, Jan 20-21, 2021*
 - *Oregon, Feb 2-3, 2021*
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- Each held as a 2-day online workshop
 - 20-30 participants per workshop
 - Multiple stakeholders: harvesters, processors, community members, scientists, managers
 - Plenary and group breakout sessions

September 2020 – March 2021 Update

2. Regional Implications Workshops

- Review each of the 2040 scenarios. What aspects of each scenario are particularly relevant for the region?
- What will be the main concerns and opportunities facing different stakeholders (harvesters/processors, communities, scientists & managers)
- What actions should be considered to prepare for each of the scenarios?
- Looking across scenarios, which possible actions will be most important to pursue?

Post-Workshop

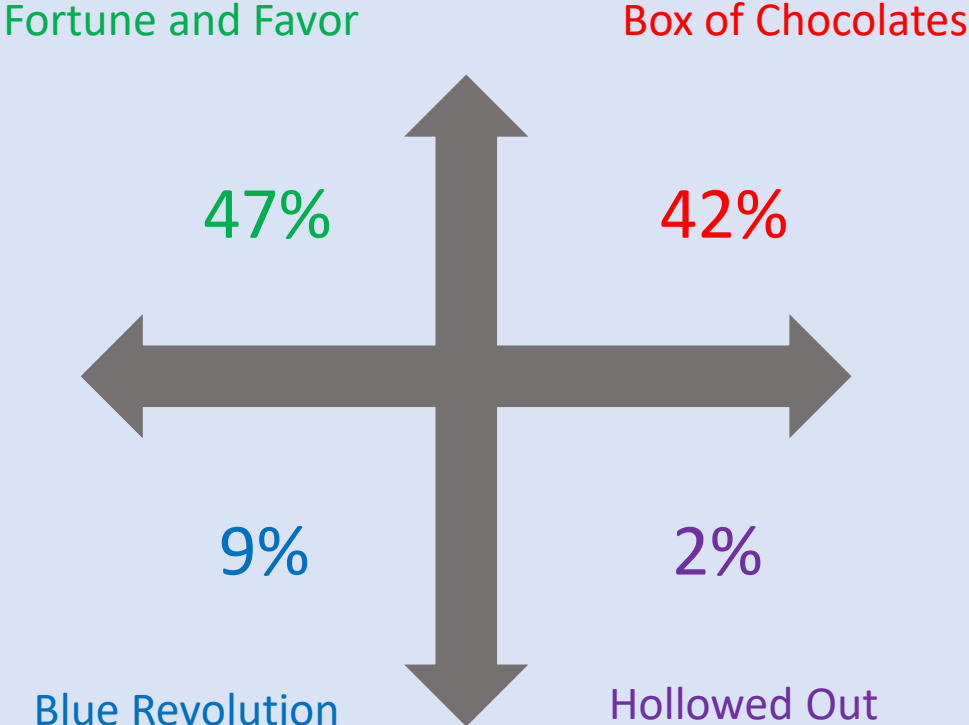
- Which scenario seems closest to today, and what's most likely in 2040?

Priority Action Areas from Workshops

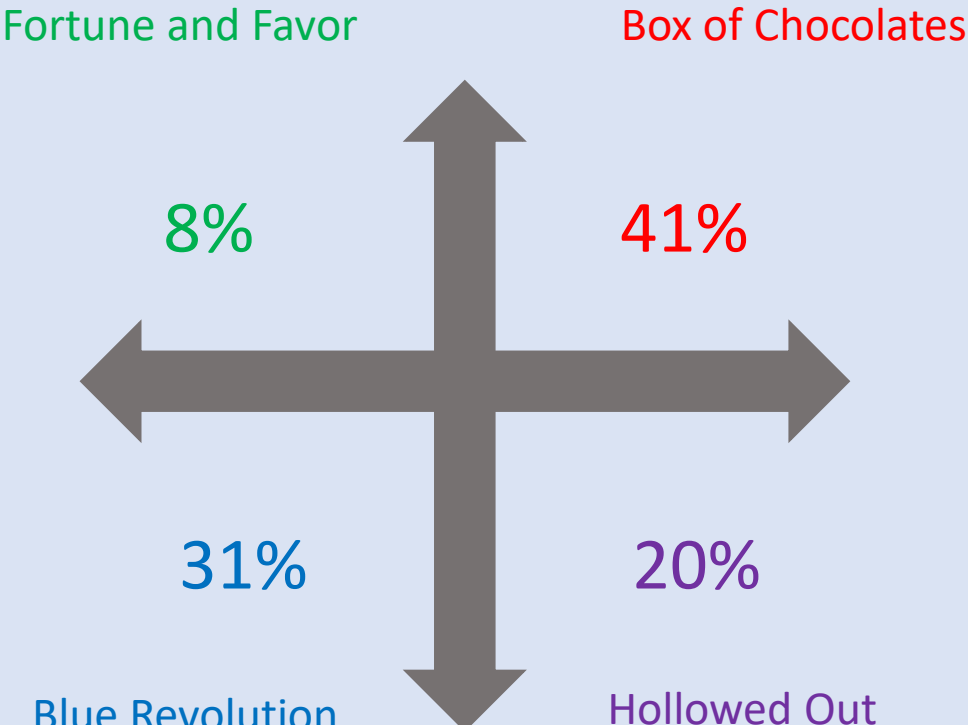
- Management flexibility
- Marketing, outreach and education
- Council efficiency
- Community resilience
- Collaboration across geographies and interest groups
- Infrastructure
- Improved data collection, analysis and communication
- Financial support
- Carbon neutral and sustainable activities

Mapping the Future

Which scenario most closely resembles the conditions we are seeing today?



Which scenario is the most likely outcome for 2040?



Possible Next Steps

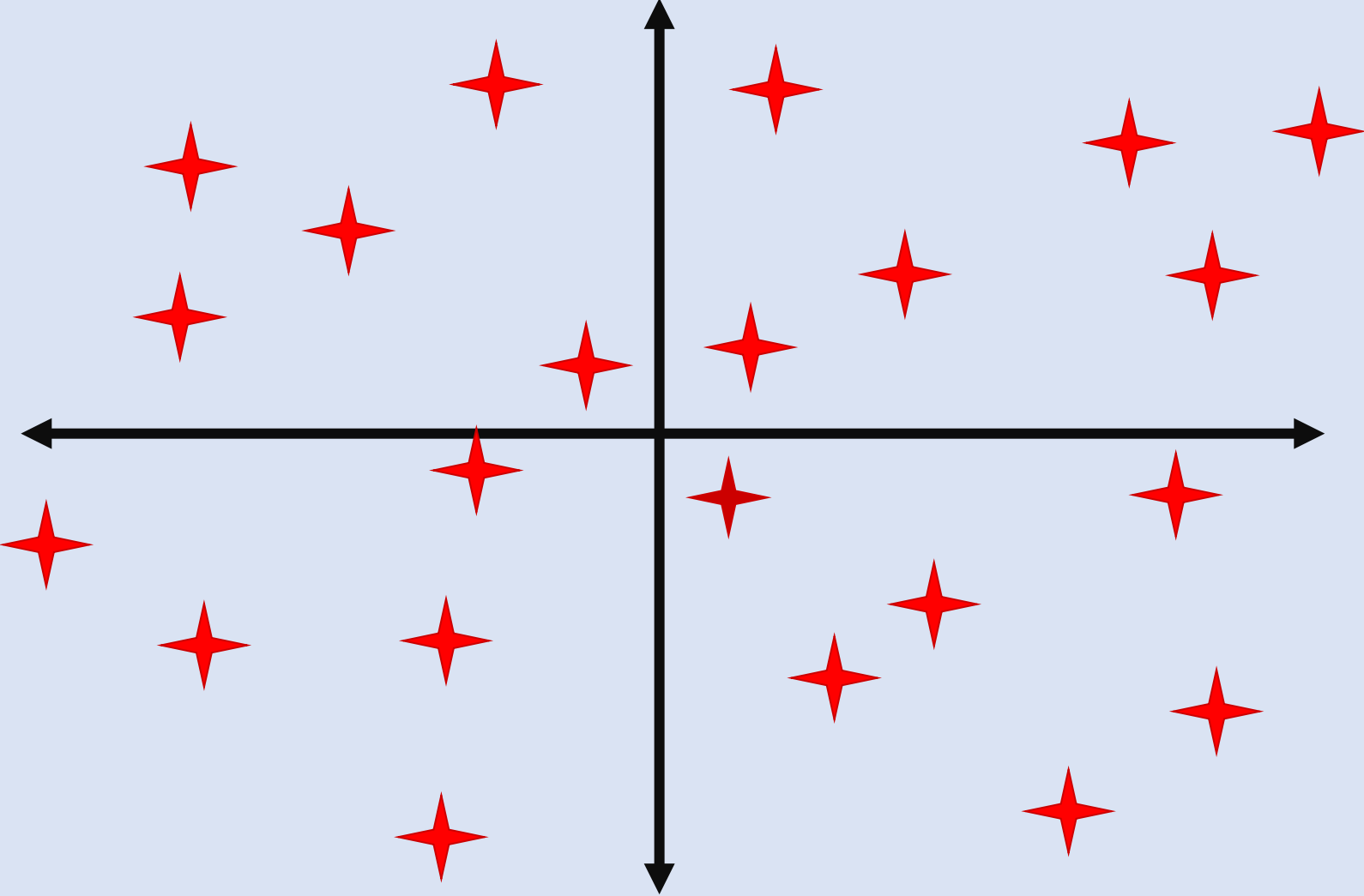
“Explore how climate-related shifting stock availability and other factors might affect west coast fishing communities over the next 20 years”


“Define and develop tools, products and processes so that management and communities can navigate uncertainty and react to potential future states”

Ensure that the scenario materials are available as a resource for **continued conversations** and idea generation for various stakeholders

Review the lessons from all aspects of the scenario work and develop a **series of recommendations** designed to achieve the above objectives

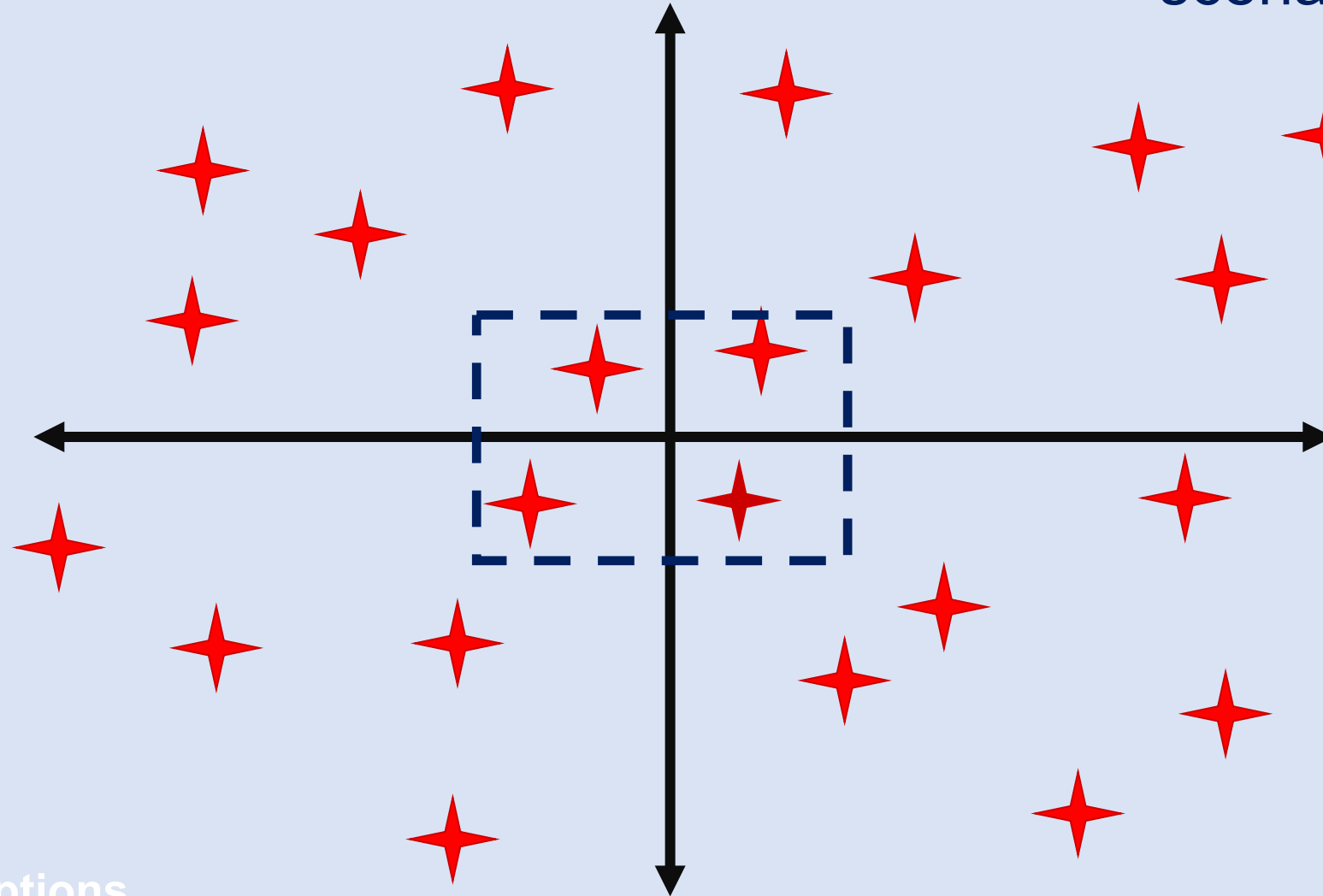
What's Next? Using Scenarios to Decide on Actions



 **Possible
Actions/Options**

Robust (No Regret) Options

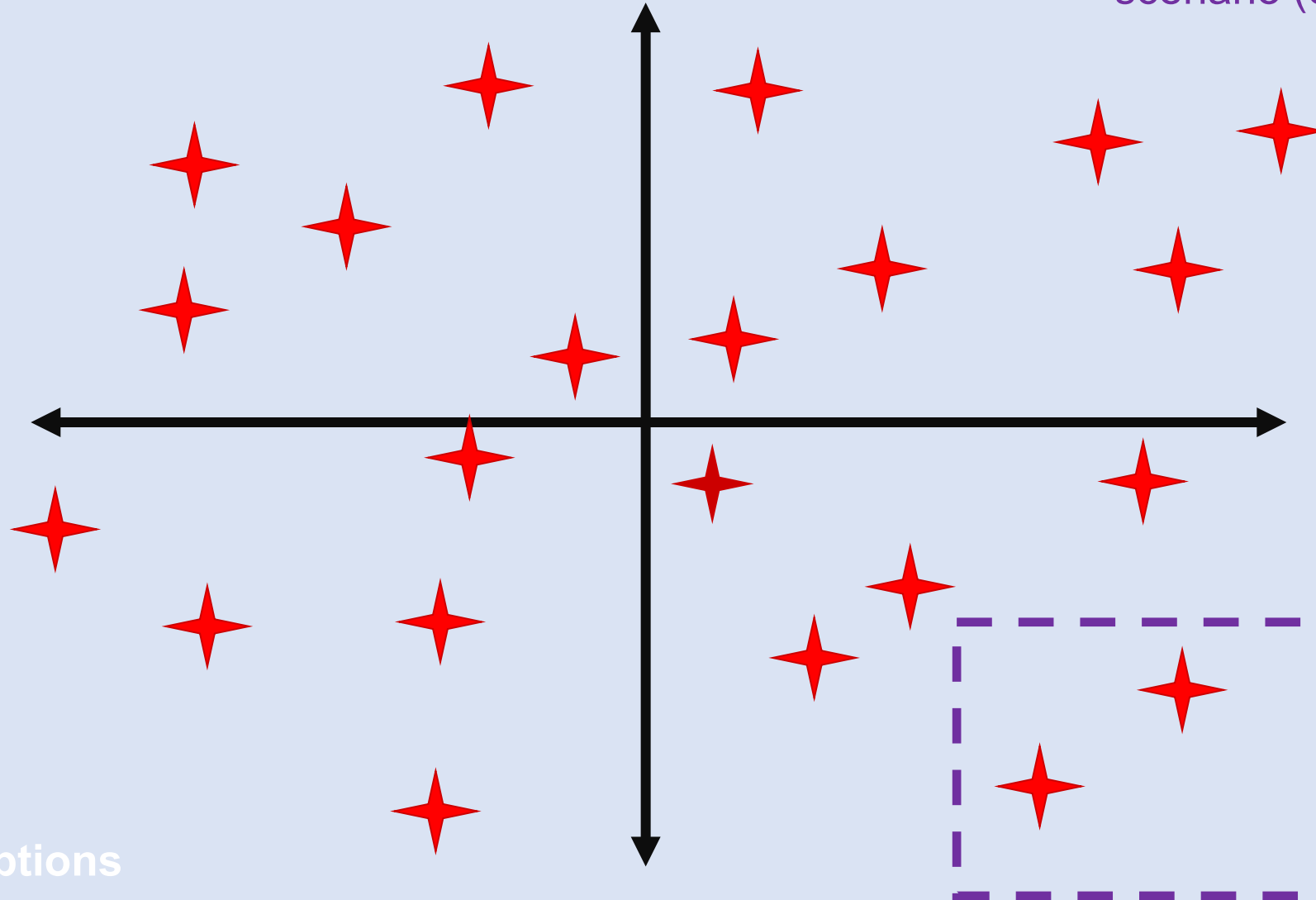
Robust: actions that work well in all scenarios



 Strategic Options

Planning for Extremes

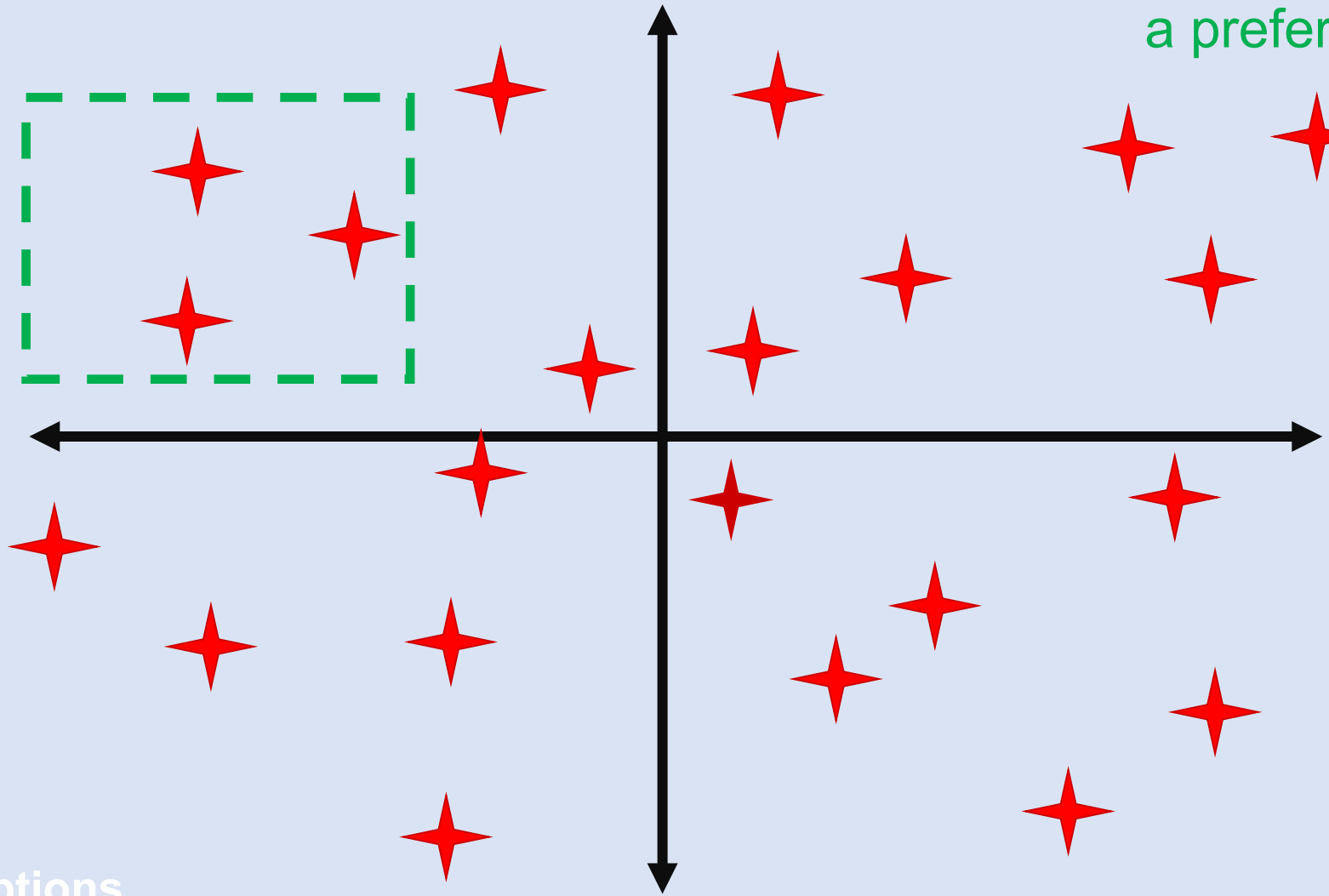
Plan for Extremes: choose an approach that is focused on dealing with a specific scenario (e.g. worst-case)



 Strategic Options

Visioning

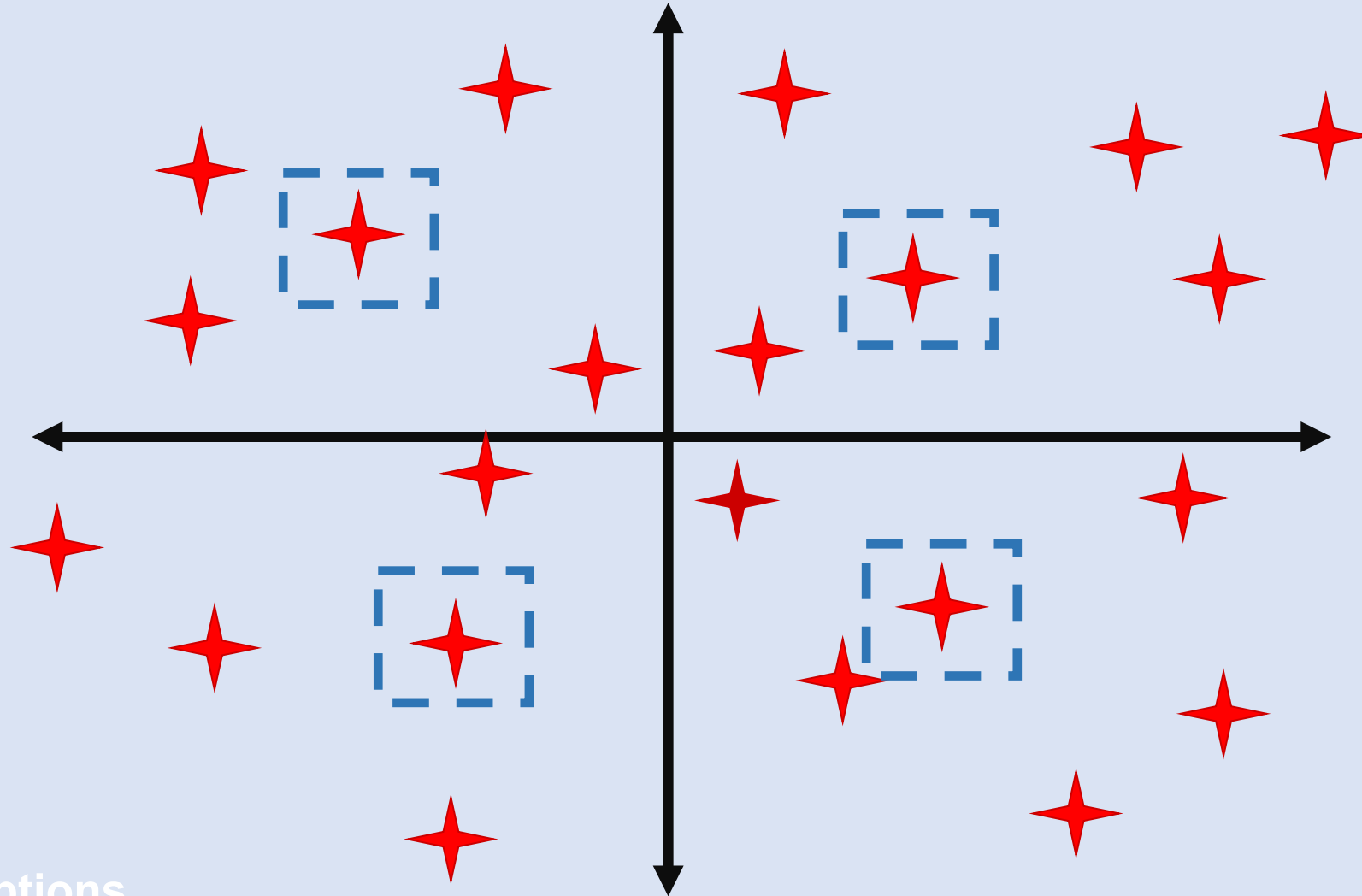
Vision: choose an approach that is focused on promoting a preferred scenario



 Strategic Options

Flexible Options

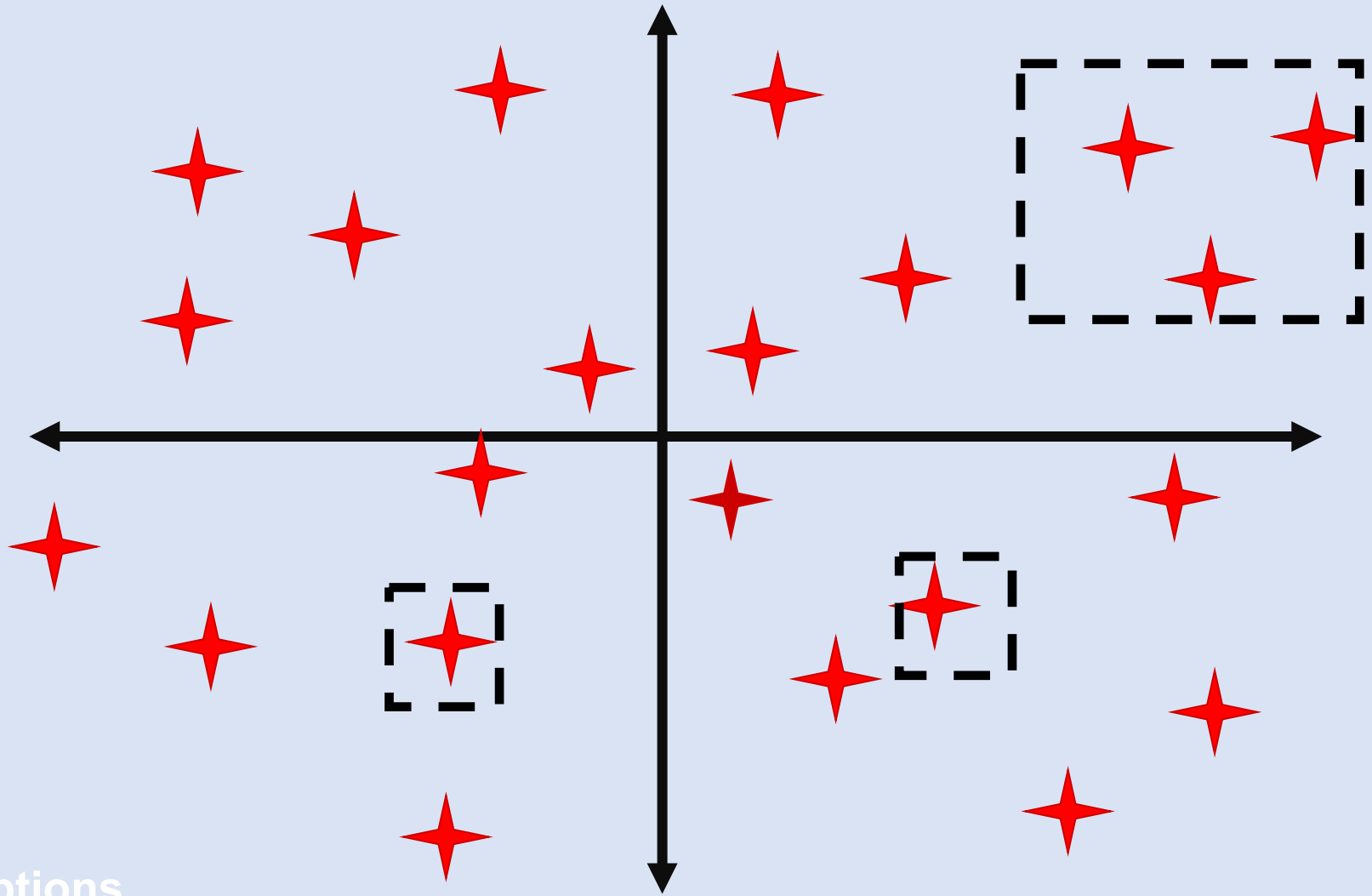
Hedge: Choose an action / approach for each scenario, and **wait to see** what happens in future



 Strategic Options

Balanced Portfolio

Core-Satellite: focus most effort / attention on dealing with one scenario but keep options open to deal with others as they arise.



 Strategic Options

For Discussion

Council Action:

Review the Phase 2 Workshop Report and Provide Guidance on the Scenario Planning Exercise and Completion of the Initiative.