



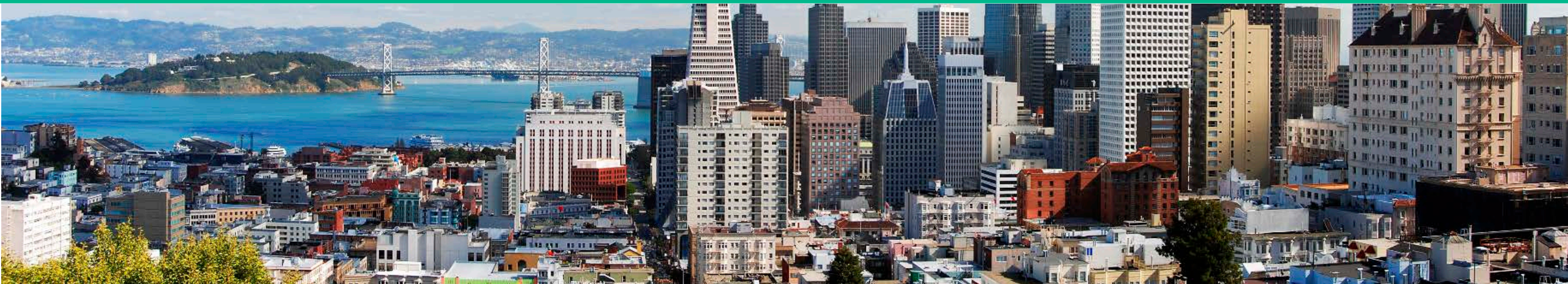
SF Environment

Our home. Our city. Our planet.

A Department of the City and County of San Francisco

Chapter 9 Update of the Environment Code

Spring 2020



Chapter 9 Update. Why now?



- Climate Crisis
- Climate Action, Net Zero Carbon goals
- Enable the City's next steps on Climate Action
- Opportunity to simplify and refine language

Collaborative Effort





DEADLINE 2020

How cities will get the job done





Chapter 9 Update - Key Themes

REFINE

- Language and organization

UPDATE TARGETS

- Zero Emission Goals

REVISE CLIMATE ACTION REQUIREMENTS AND DEPARTMENTAL ROLES/RESPONSIBILITIES

- Define elements and components
- Refine MTA/SFPUC/CAO/DPH/SF Planning/DPW/DBI roles

REFINE - Table of Contents – Existing



- Sec. 900. Findings and Purpose.
- Sec. 901. Definitions.
- Sec. 902. Greenhouse Gas Emissions Limit.
- Sec. 903. Greenhouse Gas Emissions Reduction Plan
- Sec. 904. Mandatory Annual Greenhouse Gas Emissions Reporting.
- Sec. 905. Enforcement
- Sec. 906. Market-Based Compliance Mechanisms.
- Sec. 907. Local Energy Generation.
- Sec. 908. Miscellaneous.

REFINE - Table of Contents – Proposed Changes



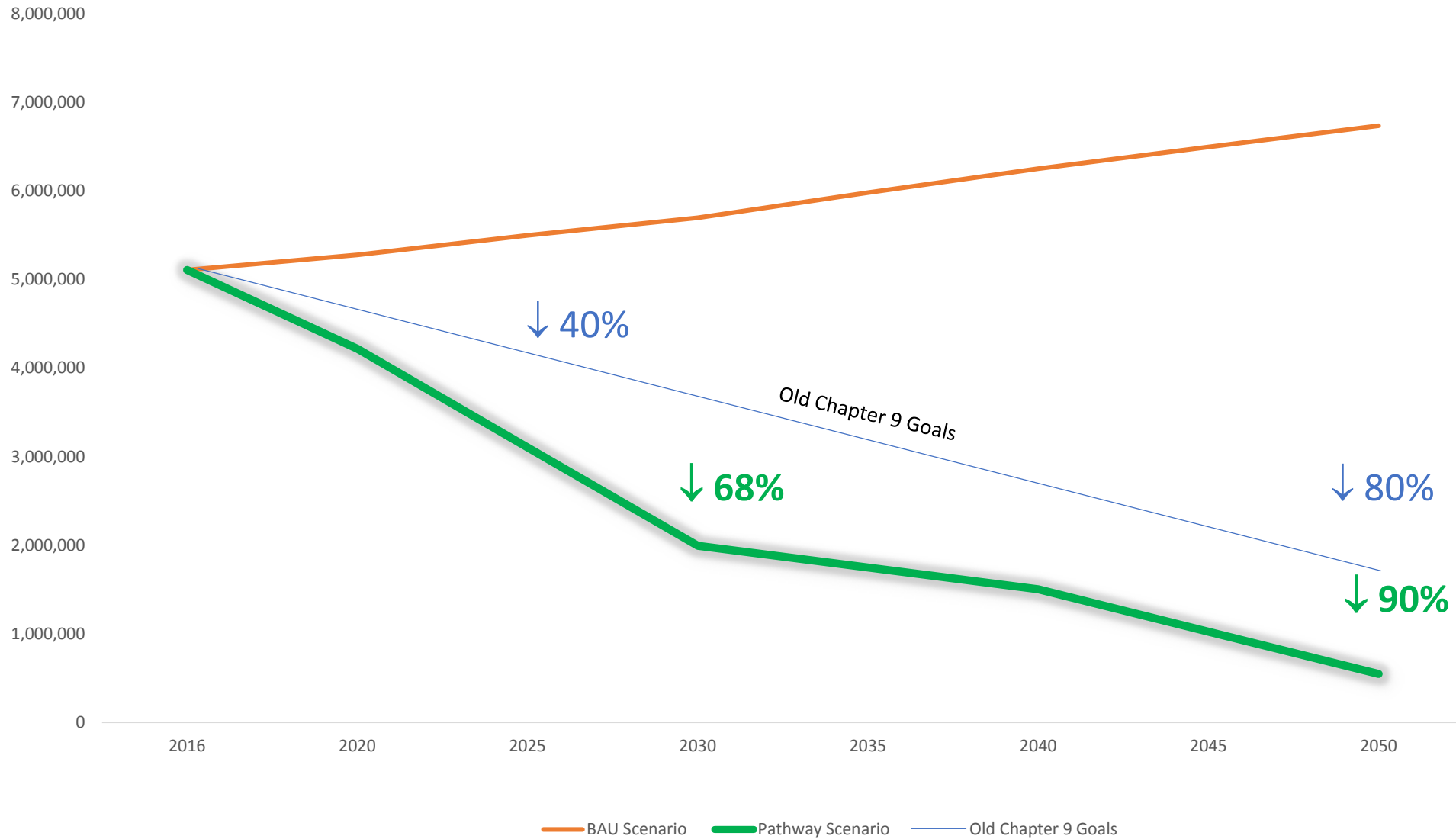
- Sec. 900. Findings and Purpose.
- Sec. 901. Definitions.
- Sec. 902. ~~Greenhouse Gas Emissions Limit.~~ *Climate Action Goals*
- Sec. 903. ~~Greenhouse Gas Emissions Reduction Plan~~ *Climate Action Strategy Requirements*
- Sec. 904. ~~Mandatory Annual Greenhouse Gas Emissions Reporting.~~ *Dept. Roles and Responsibilities*
- Sec. 905. ~~Enforcement~~ *Monitoring, Evaluating, and Reporting*
- ~~Sec. 906. Market-Based Compliance Mechanisms.~~
- ~~Sec. 907. Local Energy Generation.~~ *Move to Climate Action Strategy Requirements*
- Sec. 908. Miscellaneous.

REFINE - Table of Contents – Proposed Changes

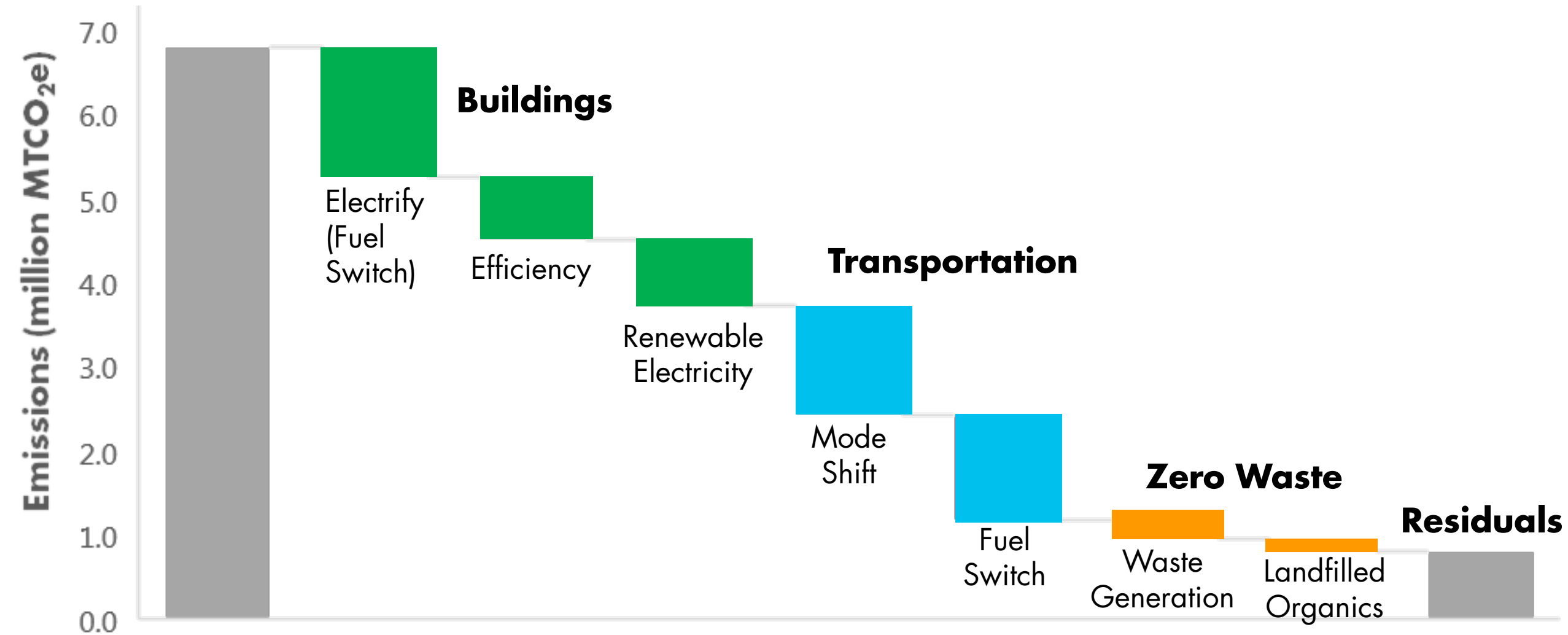


- Sec. 900. Findings and Purpose.
- Sec. 901. Definitions.
- Sec. 902. *Climate Action Goals*
- Sec. 903. *Climate Action Plans Requirements*
- Sec. 904. *Dept. Roles and Responsibilities*
- Sec. 905. *Monitoring, Evaluating, and Reporting*
- Sec. 906. Miscellaneous.

GOALS - Greenhouse Gas Emissions



GOALS - A Path to 2050 Deep Reductions



GOALS - 2030/2050 Targets



Energy

2030 - 100% renewable electricity
2050 - 100% renewable energy

Transportation

2030 – 80% of all trips are taken by sustainable modes of transportation and 25% of private vehicles are electric and 100% are electric by 2040

Buildings

2030 - new buildings are net zero emissions and 3% of existing building stocks is retrofitted each year – resulting in nearly 100% efficient and electric building by **2050**

Housing

Annual– 5,000 new housing units per year, with 30 percent of all units deemed affordable.

Waste

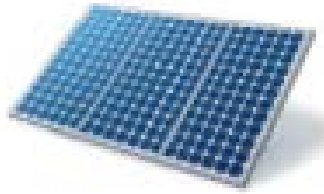
2030 - refuse is reduced by 15% and disposal is reduced by 50%

GOALS – Under Discussion



- Sustainable Consumption
- Water
- Energy Resilience

REVISE - Climate Action Strategy Elements



Energy



Buildings



Housing



Transportation



Zero Waste



Carbon Sequestration



Sustainable Consumption



Water

REVISE - Climate Action Strategy Components



- Provides a clear roadmap of actions to reduce GHG emissions that are aligned with the Paris Agreement
- Evaluates inclusive benefits of actions
- Explicitly Addresses Racial Equity, Health, and a “Just Transition”
- Integrates Mitigation and Adaptation (Resilience)
- Identifies Clear Roles and Responsibilities
- Has a Monitoring and Verification Plan

Equity: A Lens Through Which we Make Decisions



“Business as Usual”

Actively inserts racial equity into decision making processes

Challenges status quo assumptions

Increases level of accountability to community

Explicit Equity Metrics

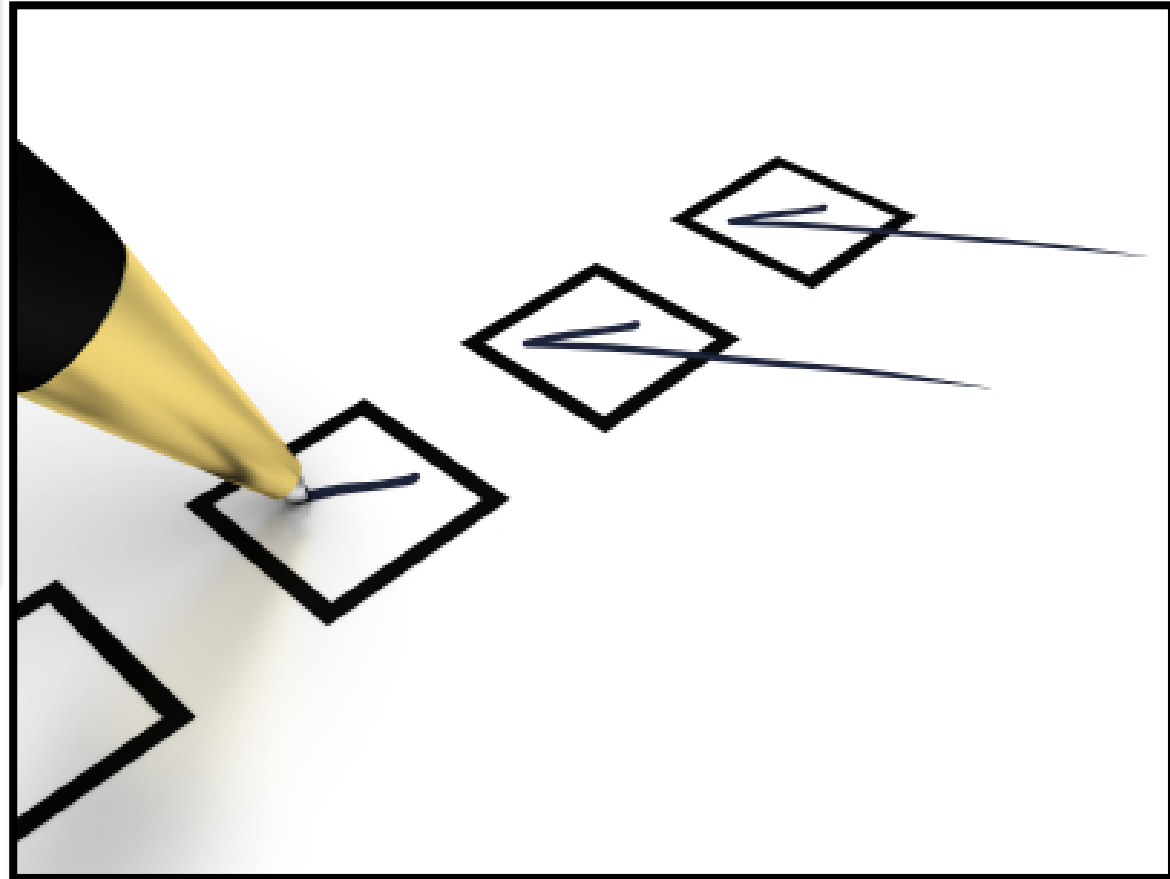
Adaptation + Mitigation = Resilience



Roles and Responsibilities



Monitoring and Evaluation



Thank you for listening



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