



SF Environment

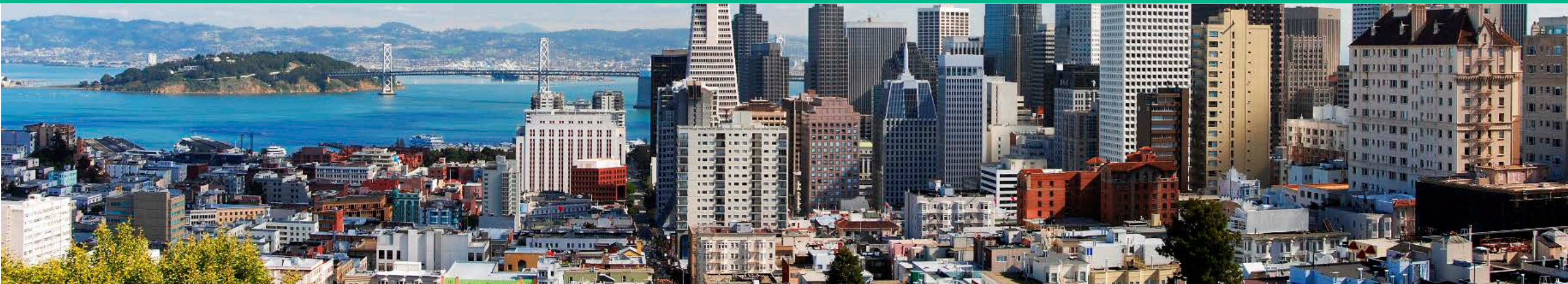
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A Department of the City and County of San Francisco

Chapter 9 Update of the Environment Code

Land Use and Transportation Committee - July 19, 2021

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Chapter 9 Update. Why now?

- Climate Crisis – **Unify the City**
- **Science based targets** - Climate Action, Net Zero Carbon goals
- **Enable the City's next steps** on Climate Action
- Opportunity to **simplify and refine language**



Key Components of Chapter 9 Update



01

Updates San Francisco's GHG Emission Reduction Targets & Climate Goals

02

Updates the Requirements for the Climate Action Plan

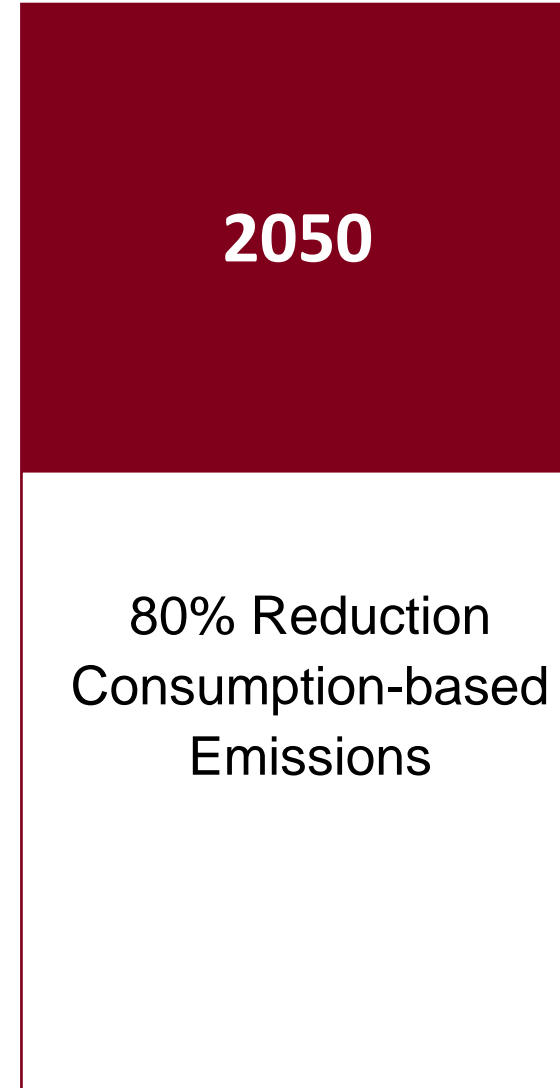
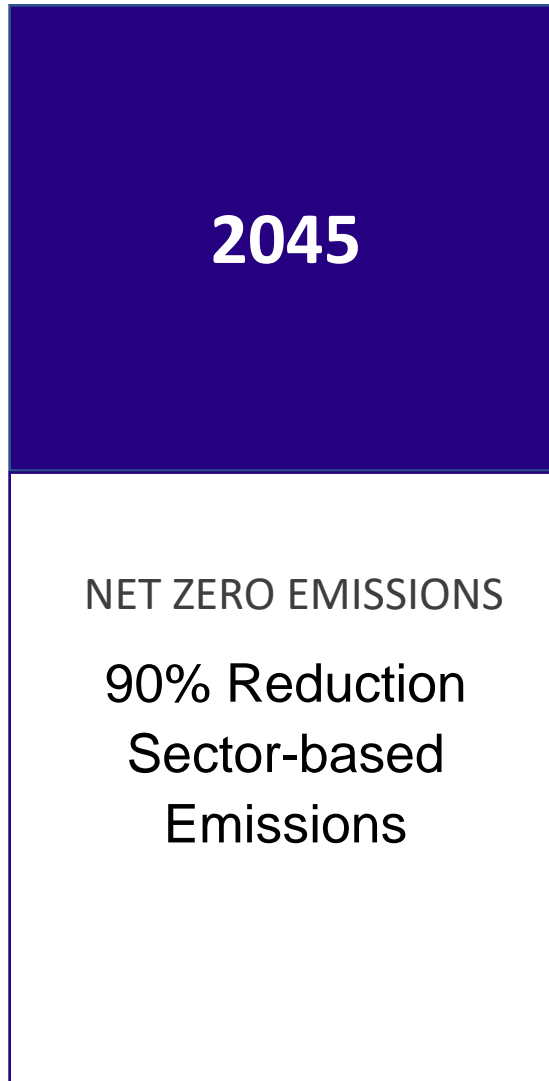
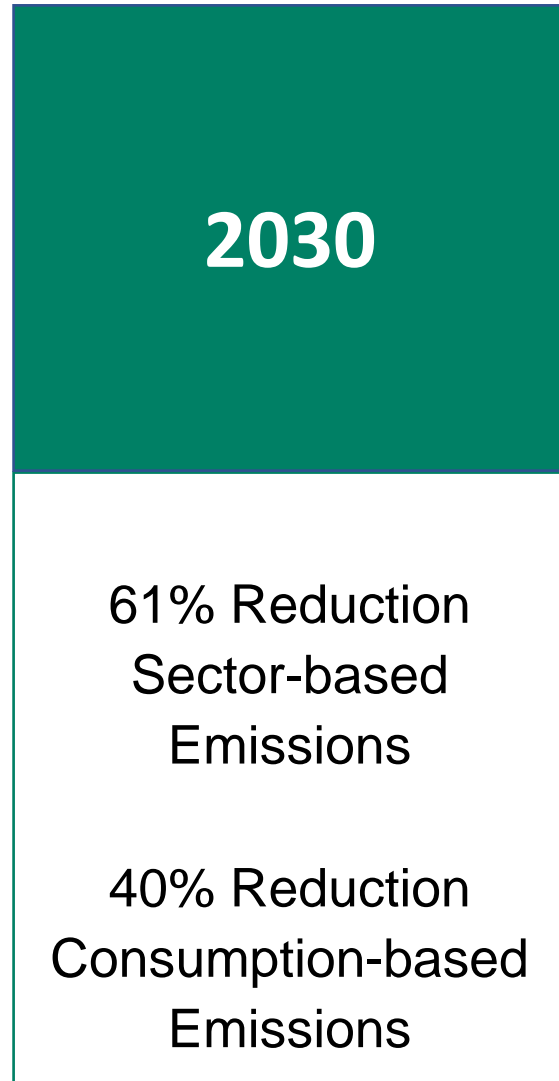
03

Updates the Roles and Responsibilities of City Departments

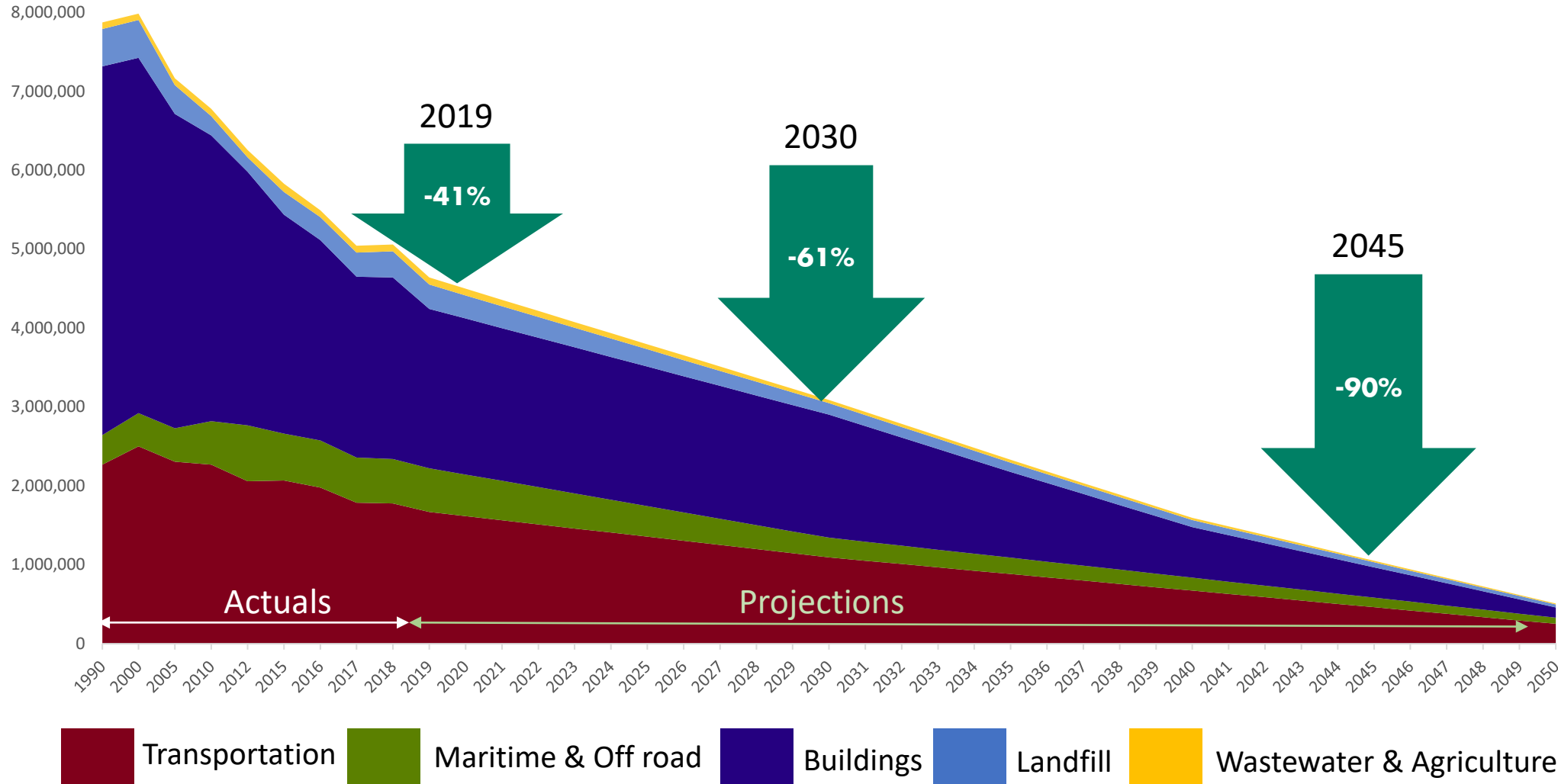
04

Adds "Monitoring, Evaluation, & Reporting"

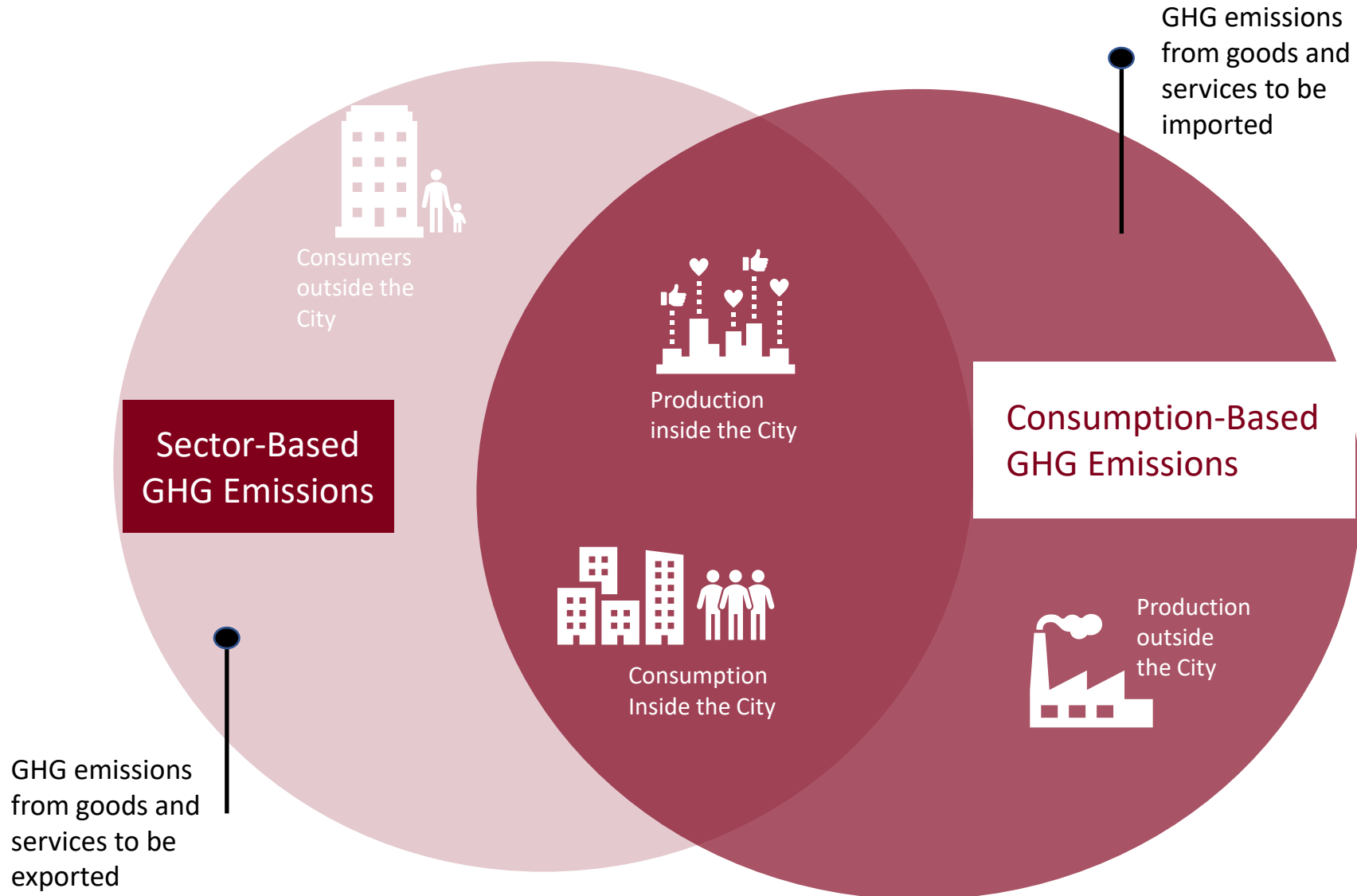
Proposed GHG Reduction Targets



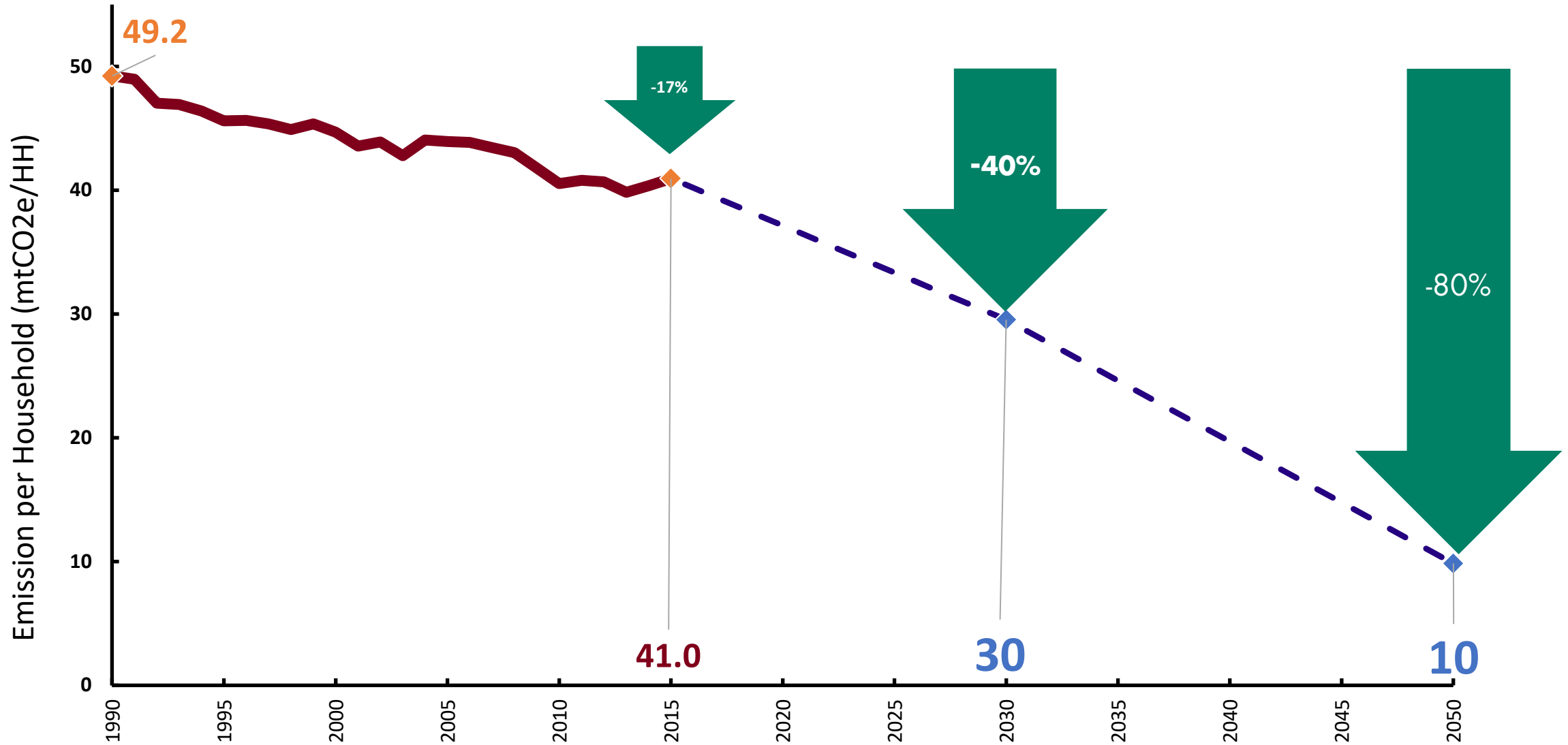
GHG Emission Targets – Sector-based



Consumption-based Inventory









GHG Emission Targets – Consumption-based



Summary of Climate Action Goals



 Zero Waste	2030: 15% Solid Waste Reduction & 50% Disposal Reduction
 Transportation	2030: 25% EVs & 80% Low-Carbon Trips 2040: 100% EVs
 Energy Supply	2025: 100% Renewable Electricity 2045: 100% Renewable Energy
 Building Operations	2021: New Buildings Zero Emissions 2035: All Large, Existing Commercial Buildings Zero Emissions
 Housing	5,000 New Housing Units Per Year, 30% Affordable
 Healthy Ecosystems	Sequester Carbon Through Nature-Based Solutions

Climate Action Plan Requirements: Sectors



Energy
Supply



Transportation &
Land Use



Housing



Building
Operations



Responsible
Production &
Consumption



Healthy
Ecosystems

Climate Action Plan Requirements: Lenses



Department Roles and Responsibilities



Monitoring, Evaluating, and Reporting (MER)



- **Measure** and monitor sector-based GHG emissions
- **Evaluate** sector-based/Consumption GHG emissions against set targets
- **Coordinate** with other City agencies and stakeholders
- **Report** findings to the public

Chapter 9 ⇨ Climate Action Plan ⇨ MER



 Targets & Goals <i>How do we make our vision concrete and measurable? How high do we set the bar?</i>	 Requirements & Responsibilities <i>What is the framework to meet our targets and goals?</i>	 Strategies & Actions <i>What important choices do we make to realize our targets and objectives?</i>	 Implementation Criteria <i>When? How much is it going cost? Who is responsible?</i>	 KPIs & Equity Metrics <i>What does success look like?</i>	 Dashboard <i>How do we measure our progress?</i>
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Thank you for listening



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