

La Mesa CAP

Environmental Sustainability Commission

July 17, 2017



Overview

- 1. Background**
- 2. Draft Climate Action Plan**
- 3. Next steps**
- 4. Input**

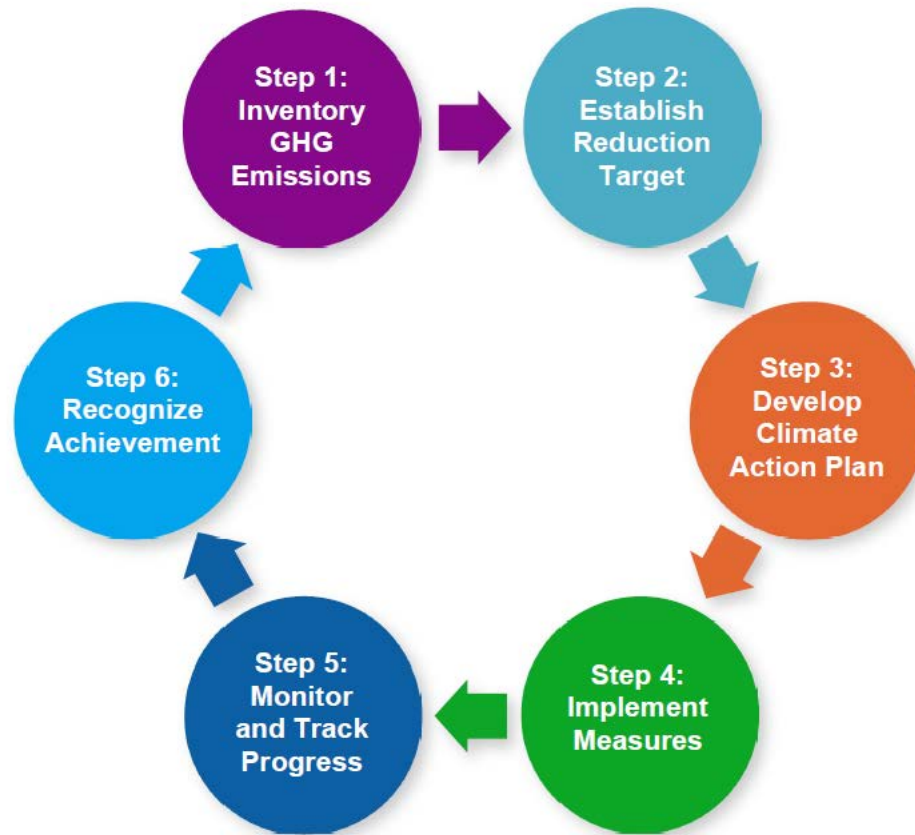


Background

- 1. General Plan EIR Mitigation Measure**
- 2. Emerging Cities Program**
- 3. 2020 Climate Action Plan**
- 4. Draft 2035 Climate Action Plan**
- 5. Draft Supplemental EIR**

Components of a CAP

Figure 1.2 – CAP Development Process



CAP Reduction Strategies



- Statewide measures assessed
- 5 strategies and 24 reduction measures
- Quantification of reductions
- Targets achieved
- Detailed implementation and monitoring
- Inventory updates

Strategies



- Energy
- Transportation and Land Use
- Water
- Solid Waste
- Green Infrastructure

Strategies



Summary of Reduction Measures		2020		2035	
Energy		MT CO ₂ e/yr	%	MT CO ₂ e/yr	%
E-1	Building Retrofit Program	2,660	21%	11,000	10%
E-2	Shade Tree Program	5	0%	15	0%
E-3	Municipal Energy Efficiency	40	0%	40	0%
E-4	Public Lighting	205	2%	105	0%
E-5	Parking Lot Lighting	Supporting	-	-	-
E-6	Solar Photovoltaic Program	2,725	22%	2,925	-
E-7	Solar Hot Water Program	25	0%	35	0%
E-8	Solar Ready Construction	Supporting	-	-	-
E-9	Zero Net Energy Construction	-	-	4,075	4%
E-10	CCA Program	-	-	64,240	60%
Energy Subtotal		5,660	46%	82,435	77%

Strategies



Summary of Reduction Measures		2020		2035	
Transportation		MT CO2e/yr	%	MT CO2e/yr	%
T-1	Bicycle and Pedestrian Infrastructure	50	0%	50	0%
T-2	Bicycle Safety Program	Supporting	-	-	-
T-3	Transportation Demand Management	Supporting	-	-	-
T-4	Mixed-Use and TOD	Captured	-	-	-
T-5	Alternative Refueling Infrastructure	Supporting	-	-	-
T-6	Municipal Fleet Transition	5	0%	5	0%
Transportation Subtotal		55	0%	55	0%

Strategies



Summary of Reduction Measures		2020		2035	
		MT CO ₂ e/yr	%	MT CO ₂ e/yr	%
Water					
W-1	Urban Water Management Plan	1,300	10%	1,170	1%
W-2	Water Sensitive Landscape Design	Supporting -	-	-	-
W-3	Pure Water Program	-	-	-	-
Water Subtotal		1,300	10%	1,170	1%

Strategies



Summary of Reduction Measures		2020		2035	
		MT CO ₂ e/yr	%	MT CO ₂ e/yr	%
Solid Waste					
SW-1	Food Scrap +Yard Waste Diversion	2,010	16%	-	-
SW-2	Construction +Demolition Waste Diversion	3,345	27%	-	-
SW-3	75% Waste Diversion Strategy	-	-	17,050	16%
<i>Solid Waste Subtotal</i>		5,355	43%	17,050	16%

Strategies



Summary of Reduction Measures		2020		2035	
Green Infrastructure		MT CO ₂ e/yr	%	MT CO ₂ e/yr	%
G-1	Urban Forest Management	45	0%	-	-
G-2	Expanded Urban Forestry Program	-	-	6,300	6%
<i>Green Infrastructure Subtotal</i>		45	0%	6,300	6%

New Reduction Measures



- E-9: Zero Net Energy Construction
- E-10: CCA Program
- SW-3: 75% Waste Diversion Strategy
- G-2: Expanded Urban Forestry Program

Reduction Measures



Sector	2020		2035	
	MT CO ₂ e/yr	%	MT CO ₂ e/yr	%
Energy	5,660	46%	82,435	77%
Transportation	55	0%	55	0%
Water	1,300	10%	1,170	1%
Solid Waste	5,355	43%	17,050	16%
Green Infrastructure	45	0%	6,300	6%
TOTAL	12,415	100%	107,010	100%
Reduction Target		15%		2.1 MT CO₂e / cap
CAP Achievement		16.1%		1.99 MT CO₂e / cap

Next Steps



- July 17: ESC review draft Public Review CAP
- August 21: ESC to provide recommendation
- August 3: release Draft SEIR
- October 4: Planning Commission hearing
- November/December: City Council hearing

Your Input

