



# COMPREHENSIVE CLIMATE ACTION PLAN ANALYSIS

## LSA

Fresno COG Policy Board Presentation  
January 29, 2026

# Project Team



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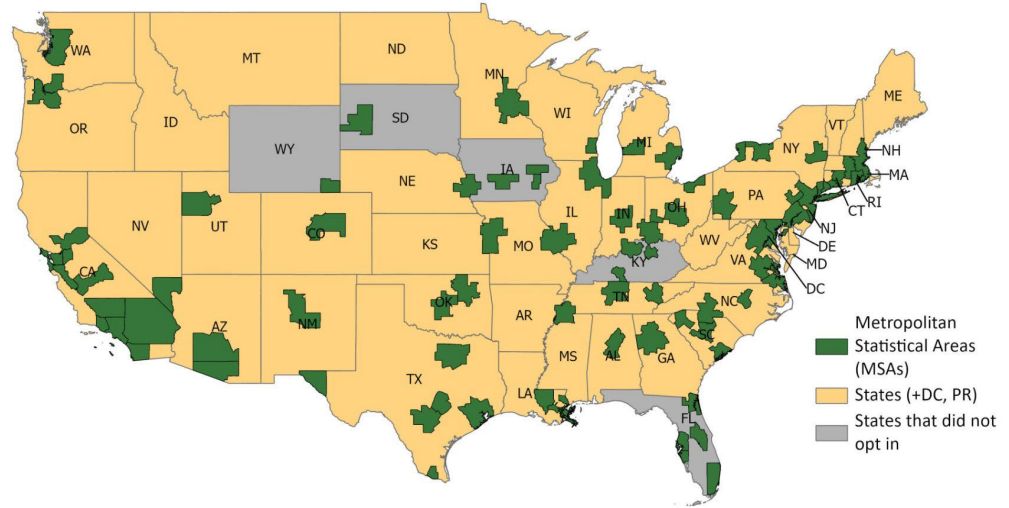
**Esteban Alexis Soto Vera**  
*Modeler*



**Jessica Luternauer**  
*Public Outreach*

# Climate Pollution Reduction Grant (CPRG) Program

- **Planning grants** to develop strong climate pollution reduction strategies (\$250 million)
- **Competitive implementation grants** to help put plans into action (\$4.6 billion)



# One Planning Grant, Three Deliverables Over 4 years



## Priority Climate Action Plan (PCAP)

- Due **March 1 or April 1, 2024**
- Near-term, implementation-ready, **priority greenhouse gas (GHG) reduction measures**
- **Prerequisite** for implementation grant



## Comprehensive Climate Action Plan (CCAP)

- Work began in **2024**, due in **2026** for MSAs
- **All sectors** / significant GHG sources and sinks
- **Near- and long-term** GHG emission reduction goals and **strategies**



## Status Report

- Due in **2027** (N/A for tribes or territories)
- **Updated** analyses and plans
- **Progress and next steps** for key metrics

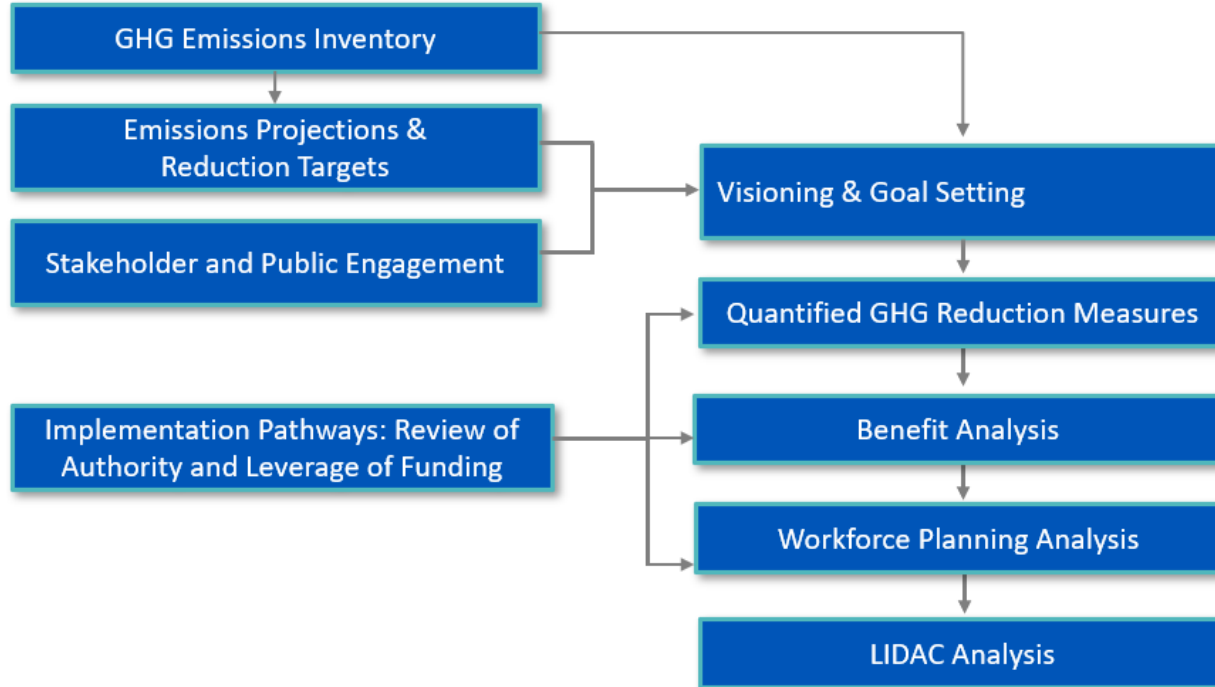


# Goals of the CCAP-A

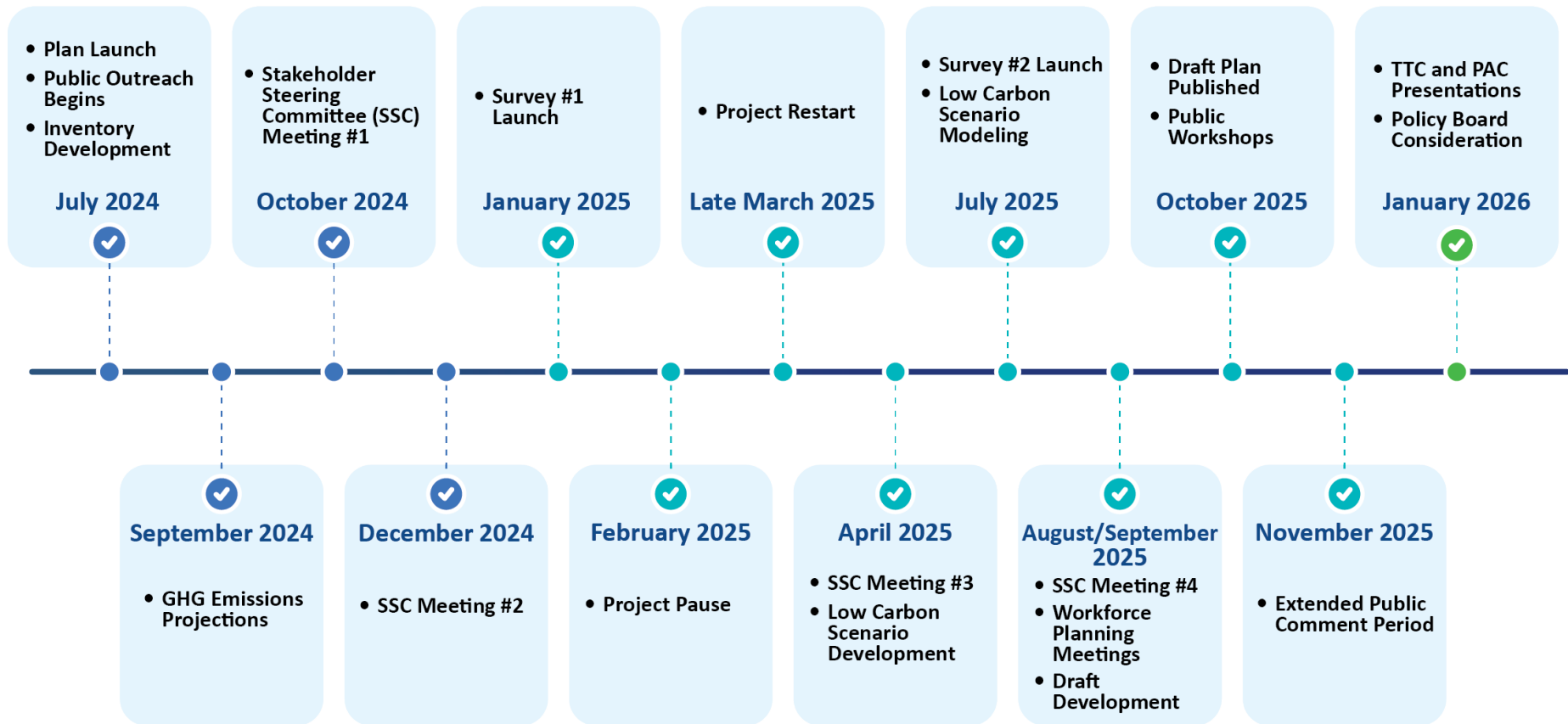


- ✓ Quantify Regional Emissions and Reduction Targets
- ✓ Identify High-Impact Emission Reduction Strategies
- ✓ Assess Community Co-benefits
- ✓ Evaluate Implementation Pathways

# CCAP-A Development Approach

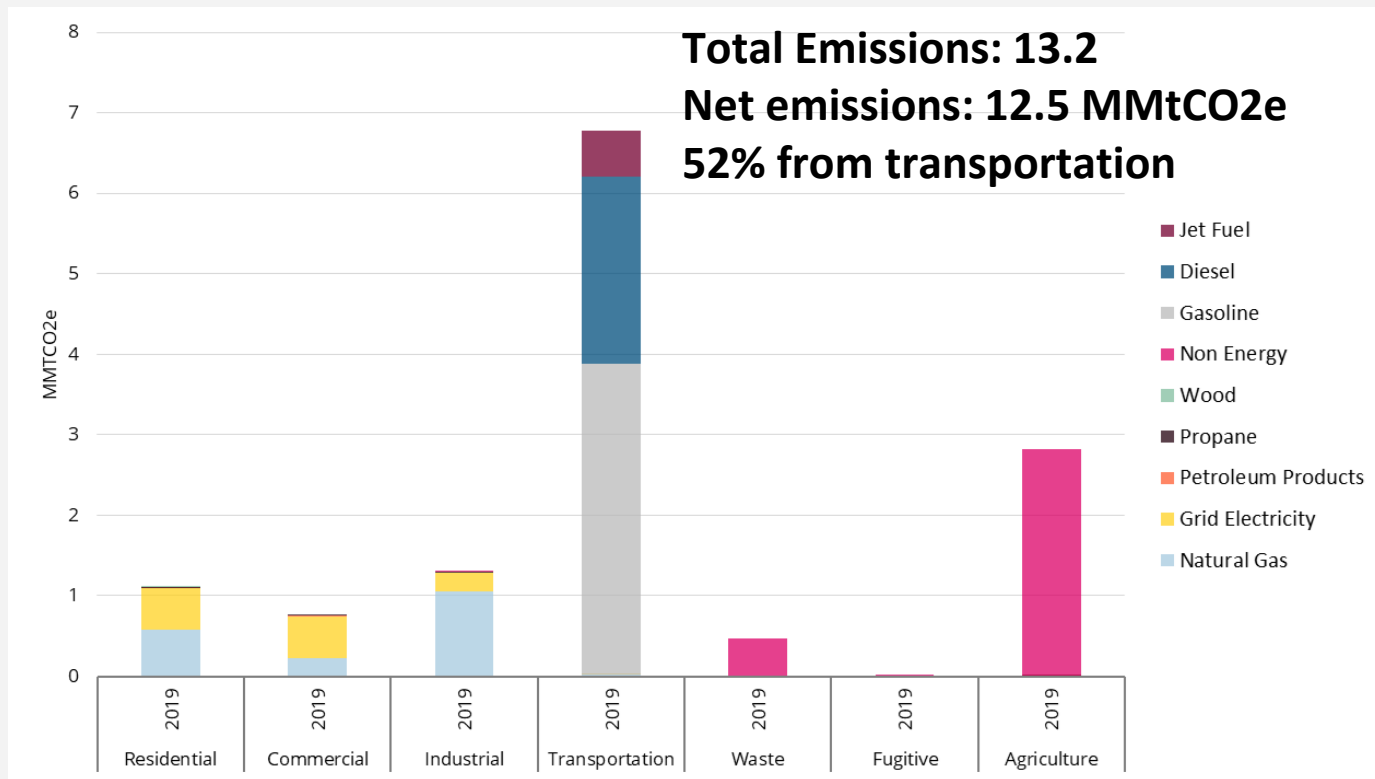


# CCAP-A Development Timeline



# The Starting Point

## 2019 Total Emissions Inventory





# The Modeled Scenarios

What would happen if...

## Business as Usual Scenario (BAU)

No changes in  
current policies



## Business as Planned Scenario (BAP)

Intended climate policies are  
implemented



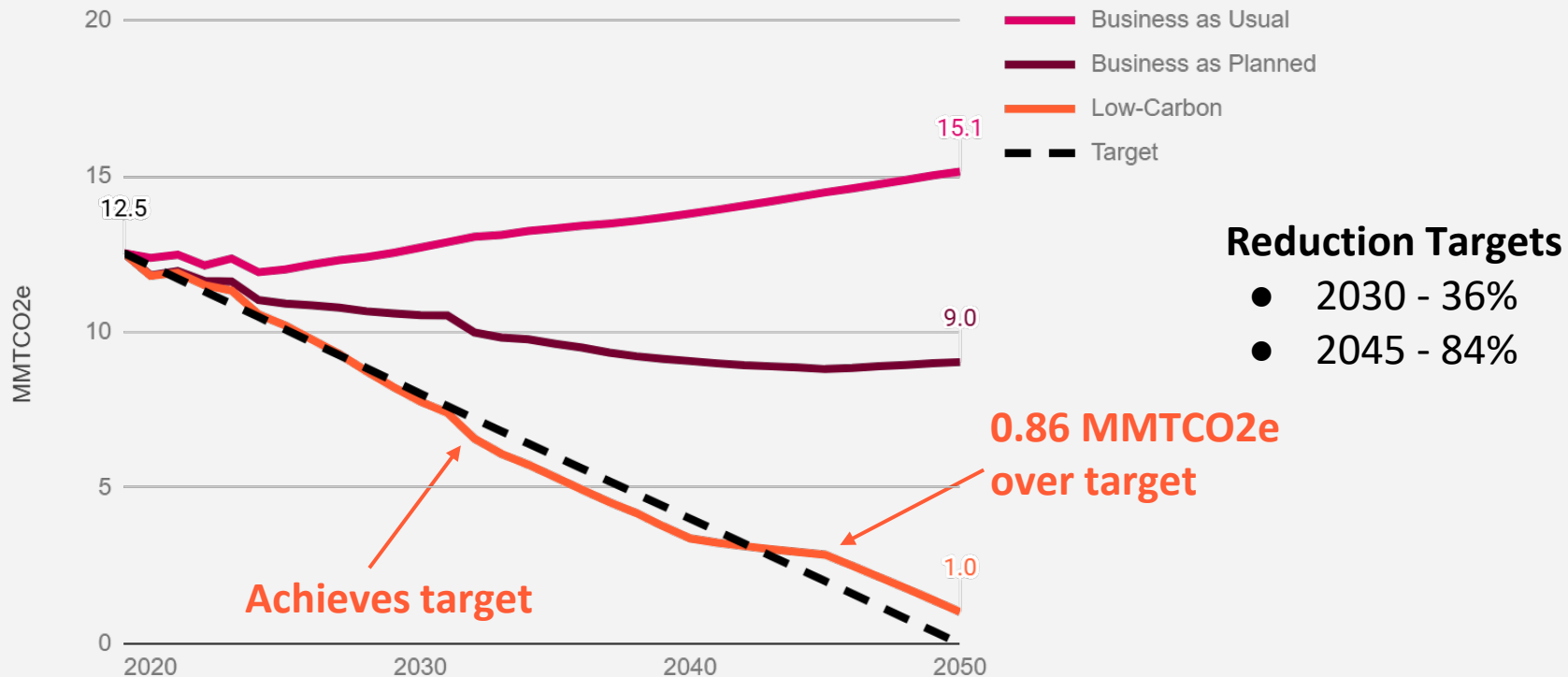
## Low-Carbon Scenario (LCS)

New initiatives are  
implemented

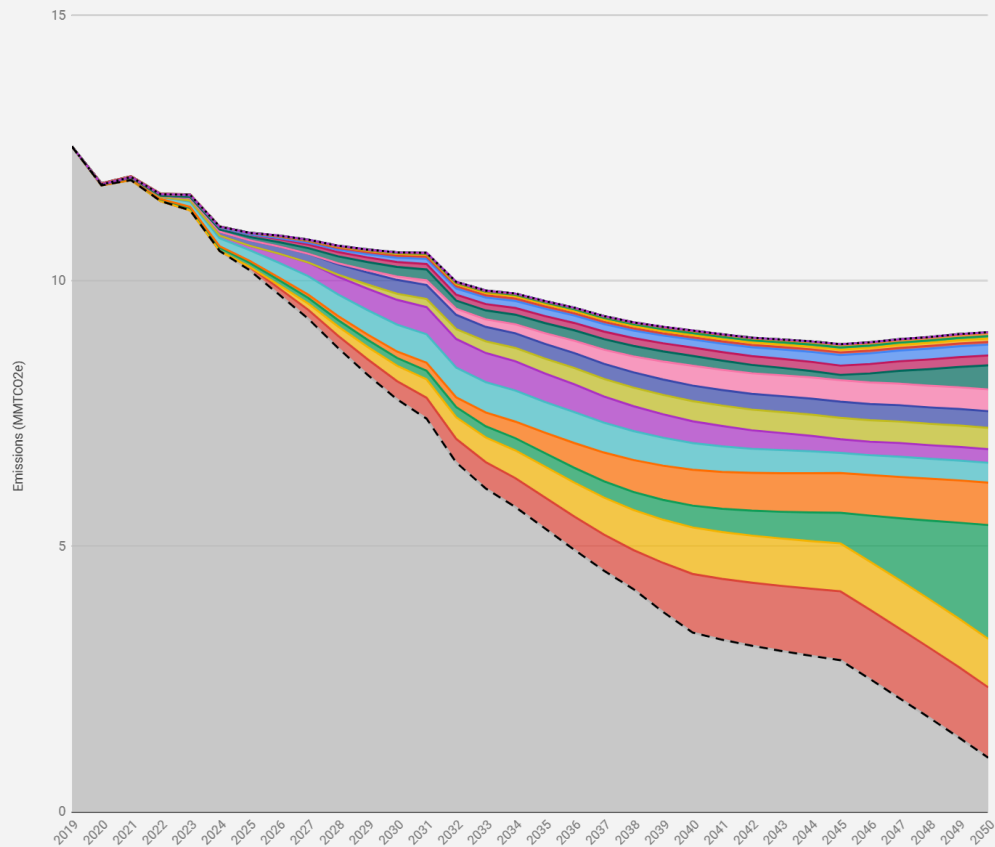


# Comparing to the Targets

Net emissions for each scenario



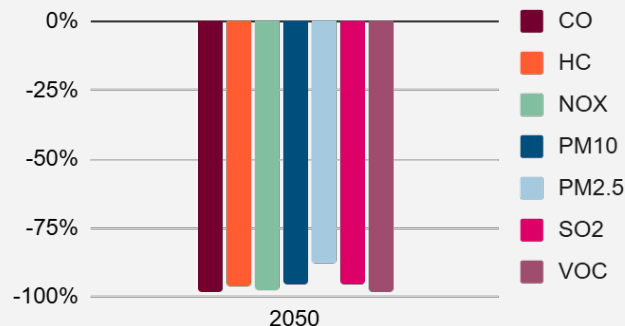
# Potential LC Scenario Impacts



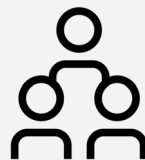
- LC
- .... BAP
- Grow the Urban Tree Canopy
- Clean up Wastewater Facilities
- Build Net-Zero New Homes
- Advance Net-Zero New Commercial Buildings
- Expand Transit Options across the County
- Build out the Bike and Pedestrian Network
- Promote Carpool, Vanpool, and Shared Mobility Options
- Scale Up Waste Diversion and Circular Economy Programs
- Electrify Commercial & Public Vehicle Fleets
- Transition Off-Road Vehicles & Equipment to ZEVs
- Develop Landfill Gas Capture and Utilization
- Plow the Way to Zero-Emission Agricultural Equipment
- Green-up Commercial Buildings
- Bundle Solar + Savings for Fresno Homes
- Accelerate Zero-Emission Personal Vehicles and Implement the EV Readiness Plan
- Advance Zero-Emission Freight Vehicles
- Amp up Alternative Manure Management Program in Livestock & Poultry Operations
- Decarbonize Fresno's Industry with Efficiency, Electrification, and Clean Fuels
- Carbon liability

# Co-benefits

## Air pollutants are reduced 88% - 98%



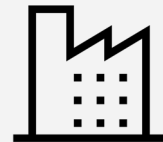
**\$121 millions** in Annual Health Benefits in Dollars by Health-Related Indicators in the Low-Carbon Scenario, 2050



Average annual household energy costs drop to **\$55 by 2050**.  
Average annual household transportation costs fall to **\$280 by 2050**.



**Employment Impacts 2026-2050**  
Average Annual Person Years of Employment: **4,725**.  
Total Construction Jobs Created: **98,920**





<https://publicinput.com/p6786>

## **Transportation Sector Measures**

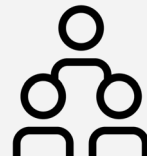
**Expand Transit  
Options across  
the County**



**Build out the Bike  
and Pedestrian  
Network**



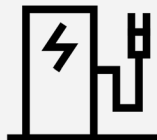
**Promote Carpool,  
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**Accelerate  
Zero Emission  
Personal Vehicles  
and Implement  
the EV Readiness  
Plan**



**Electrify  
Commercial &  
Public Vehicle  
Fleets**



**Advance Zero  
Emission Freight  
Vehicles**



**Transition Off-  
Road Vehicles &  
Equipment to  
ZEVs**





## **Building Sector Measures**

### **Bundle Solar + Savings for Residences**



### **Green-up Commercial Buildings**



### **Build Net-Zero New Homes**



### **Advance Net Zero New Commercial Buildings**



## Waste Sector Measures

**Scale Up Waste Diversion and  
Circular Economy Programs**



**Develop Landfill Gas Capture and  
Utilization**



**Clean up Wastewater Facilities**



## Industrial Sector Measures

**Decarbonize Industry with Efficiency,  
Electrification, and Clean Fuels**



## **Agriculture and Natural Lands Sectors Measures**

### **Plow the Way to Zero Emission Agricultural Equipment**



### **Amp up Alternative Manure Management Program in Livestock & Poultry Operations**



### **Grow the Urban Tree Canopy**

