



# Coastal Bend - Community Air Action Plan Workgroup Draft Objectives Presentations

Academic

Construction & Agriculture

Environmental

Industry

Port Operations

Public Health

Public Policy

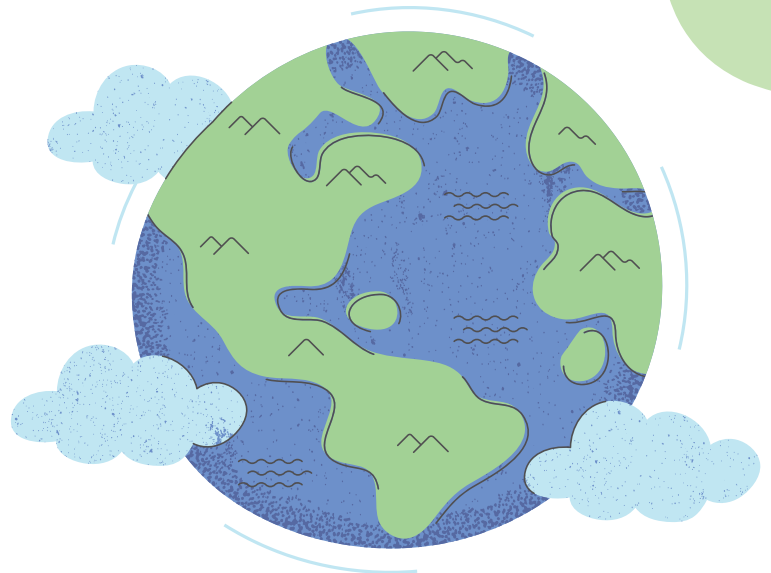
Tourism & Recreation

Transportations

**Coastal Bend Community  
Air Action Plan**

**Academia  
Workgroup**

September 20th 2023



# Academia Workgroup

## Goals:



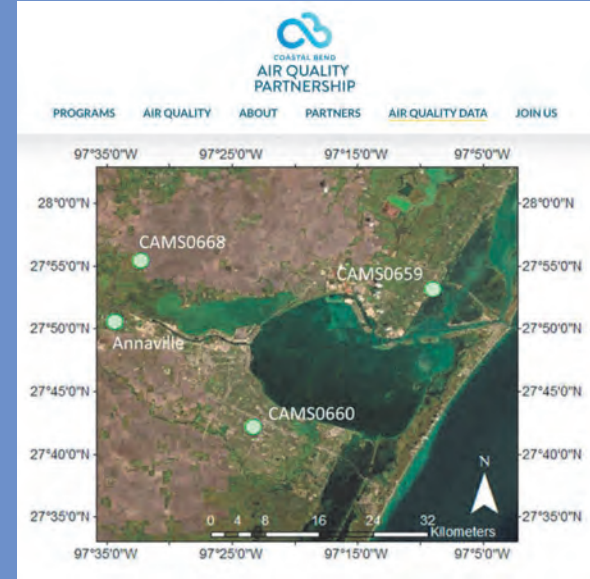
**Research**



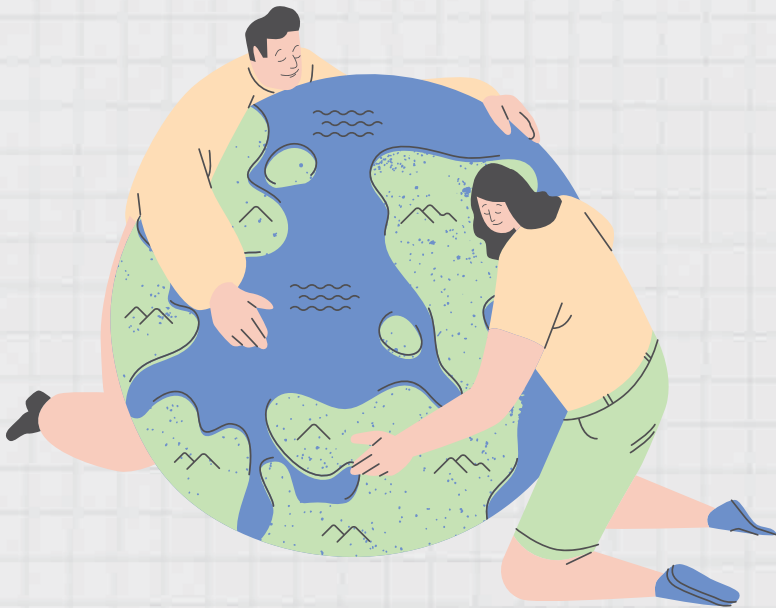
**Outreach and  
Education**

# Research

- Continuous Monitoring of the Corpus Christi Airshed
- Future plants include mobile field site
- Ground level and column monitoring
- Data collection and interpretation



# Outreach and Education



- Finding opportunities to connect with public about air quality
- Finding easily digestible ways to explain
  - Demonstrating change that can be done at an individual level
  - Getting TAMUCC students and programs involved

A circular botanical illustration border surrounds the central text. It features various plants including ferns, a red leaf, a green leaf, a yellow flower, a purple flower, and a green leaf with a white flower. The background is a light blue-grey color.

# Construction & Agriculture Workgroup

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Colleen Johnson  
Workgroup Co-chair



# Introduction

Construction and Agriculture has focused on identifying potential stakeholders and growing the committee, while initially identifying broad issues around air quality for construction and agriculture

**Members:** Environmental Consultant with a background in agriculture, Industry worker with agricultural background, Board Member with building background, Architect, Large Construction, USCG Alumnus with Industry knowledge, Rancher, recently added a farmer, still seeking more representation from various stakeholders





# Objective 1: Agriculture

Specific: Develop an understanding of the relevant regulations and best practices for agricultural operation in South Texas. Collaborate with USDA, NRCS, FSA (Nueces-Robstown & San Patricio-Sinton), Farm Bureau, Agri-life extension, and FFA groups to understand.

Measurable: Prepare document for education and outreach.

Achievable: up to four presentations per year to relevant stakeholder groups (for example: vocational agricultural/FFA programs, Farm Bureau, etc.)

Relevant: Reaches agricultural audiences

Time-Sensitive: Presentation prepared





## Objective 2: Construction

- Specific: Develop an understanding of the relevant regulations and best practices for construction operations in South Texas.
- Measurable: Prepare document for education and outreach Dust/concrete management, mobile sources;
- Achievable: four presentations per year to relevant stakeholder groups (AGC/ABC, Craft Training Center, school career/technical)
- Relevant: Reach construction stakeholders
- Time-Sensitive: Presentation prepared

# Objective 3: LEED Design



- Specific: Encourage &/ incentivize LEED design elements in codes to limit long term air pollution through better design elements: Educate contractors about tabulating total emissions of building project and their ability to influence that total. Encourage changes in behavior, such as electric fleet vehicles and recycled material with low embodied carbon. Potentially acquire funding to provide incentives.
- Measurable: Count number of presentations
- Achievable: one to two presentations per year to relevant stakeholder groups Chapters | Associated General Contractors of America (agc.org); ABC TCBC ; architects' group
- Relevant: Provides opportunity for education/pollution prevention
- Time-Sensitive: On-going, present each year.

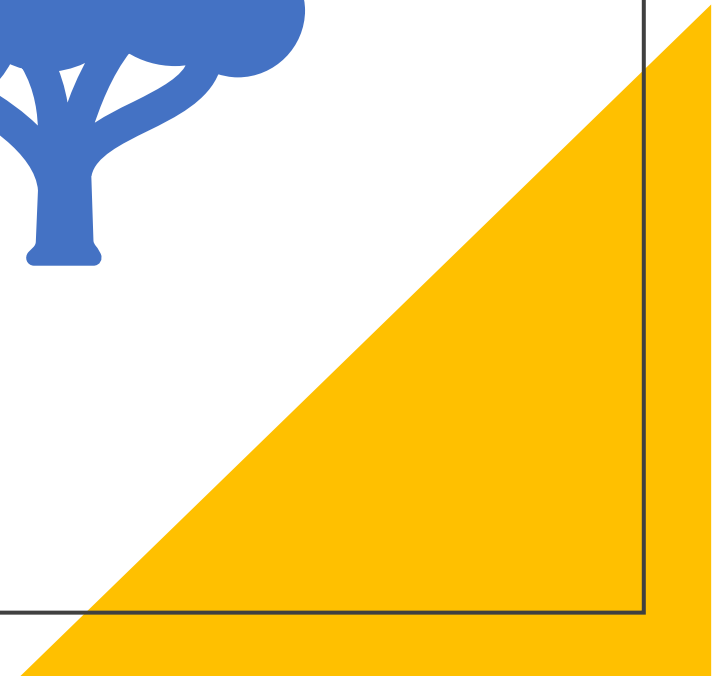


Focus on Understanding Issues and Raising  
Awareness around Air Quality with Two  
Stakeholders Groups with many members



# Coastal Bend Community Air Action Plan

Environment Working Group  
September 20, 2023  
Quarterly Stakeholder Meeting



Workgroup Chair: Travis Stephens

Co-chair: Coral Lozada

## **Purpose**

1. Protect the environment while reducing ozone emissions.
  2. Educate the public on the impact of ozone on the natural environment.
  3. Help facilitate policy making using the best science available.
- ❖ The second and third purpose are cross workgroup initiatives.

## **Need**

- Understand the impacts of air emissions in our natural environment/ecosystem
- Educate and engage public about impacts
- Conserve and protect the natural environment of our airshed

# SMART Objectives

**Support P3 program. (Areas like Oso Bay Wetland Preserve)**

Specific: To educate the public about vehicle emissions

Measurable: How many vehicles/people participated in the vehicle emissions testing program

Achievable: Yes – the program is in place. (Contact: Trent Thigpen – Autocheck)

Relevant: Yes – education is needed in emission reduction.

Time-Sensitive: Timeframe to initiate the program – ongoing

**Monitoring/is there change in behavior (ask Trent about this)**

Specific: To reduce emissions at public places – parks, beaches.

Measurable: How many participants in vehicle emissions testing received vouchers

Achievable: Yes – the program is in place

Relevant: Yes - Education is needed in emission reduction

Time-Sensitive: Timeframe to initiate the program – ongoing

# SMART Objectives

## **Data gathering –academia/ end user data (engagement and outreach)**

Specific: Regional overview to understand spatial and temporal variation and percent composition of pollutants in the atmosphere

Measurable: Through ongoing research data

Achievable: Yes – long term

Relevant: Data collection is required to understand total gas flux in the atmosphere/ create layer and then accompanying story map in GeoRed

Time-Sensitive: Long term project (decade plan)

## **Infrastructure to get people to turn off their cars**

Specific: Infrastructure to get people to turn off their cars by using public transportation. By encouraging implementation of shade features at current bus stops (trees, awnings). Idle free zones; monitors in different areas (cars, buses, houses, public areas).

Measurable: count cars before and after/ temp of cars under structures and those not; emissions before and after of the cars; perceptions studies with parents; count bus stops with shade features and where they have been added

Achievable: Yes, look up New York city idling school buses study

Relevant: Yes, Dr. Felix and Sharon are working with elementary schools; Public policy group looking at working with local municipalities

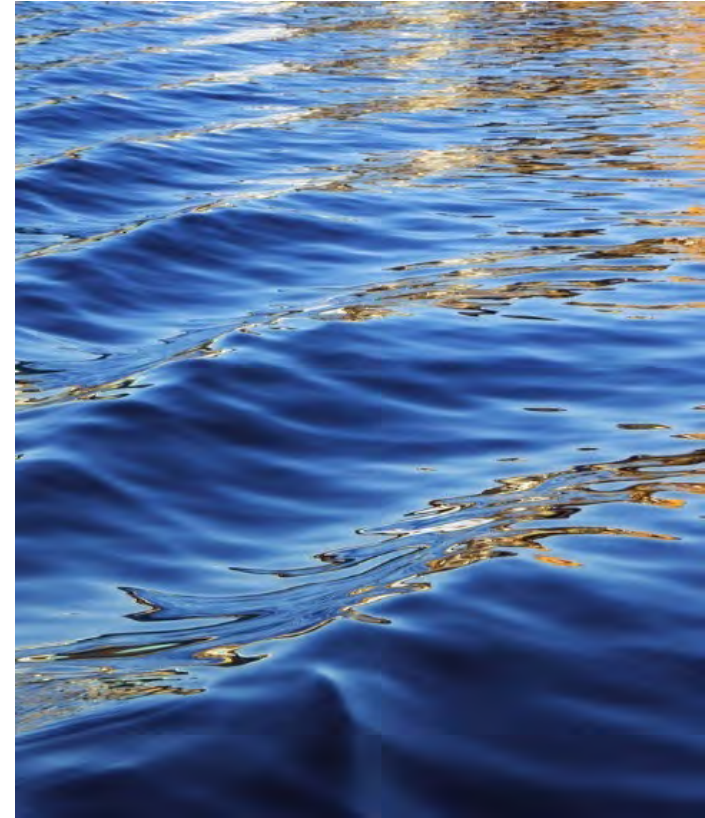
Time-Sensitive: on-going



COASTAL BEND  
AIR QUALITY  
PARTNERSHIP

# Coastal Bend Air Quality Partnership

Industry Workgroup Update





# Update Overview

- Industry Workgroup Purpose and Need
- Challenges and Opportunities
- SMART Objectives (under development)

# Industry Workgroup Update - Purpose

Purposeful engagement with the intention of inspiring voluntary reduction emissions. Encourage Best Practices throughout the industry (including supply chain).

# Industry Workgroup Update - Need

Industry Workgroup Participants Agreeing On A Work Product.

Updating Emissions Reduction Checklist

# Industry Workgroup Update - Challenges

- Encouraging Voluntary Participation In A Heavily Regulated Environment
- Industry Members Maintaining Competitive Edge While Participating In Programs
- Changing Environmental Regulations
- Identifying & Encouraging New Industries Arriving Into the Coastal Bend to Participate in CB-CAAP

# Industry Workgroup Update - Opportunities

- Utilizing Existing Best Management Practices Checklist Developed by the Corpus Christi Air Quality Group (now called CBAQP) for the Ozone Advance Report
- Identifying New Industry Partners Who Can Participate In The Industry Workgroup
- Expanding Pollutant list to include Particulate Matter (PM)<sub>2.5</sub>

# Industry Workgroup Update – SMART GOALS

## Currently Under Consideration

- Expanding Industry Participation On The Ozone Advance/ (PM)<sub>2.5</sub> Report By 25 Percent Of Baseline Participation Group (With An Industry Cap)
- Update Emission Checklist on a Frequency That Encourages the Consideration of New Best Management Practices (every 3 to 5 years)
- Identify Educational Opportunities For The Public – Develop a Plan to Execute on these Opportunities
- Maintain Existing Air Quality While Incorporating New Industrial Growth

## Industry Workgroup Participants



- Sonia Veronica Lopez (Board Member) – San Patricio County
- Darcy Schroeder (Board Member) – Valero
- Brady Fontenot (Board Member) – Gulf Coast Growth Ventures
- Claire Lindsey – Flint Hills Resources
- Curtis Taylor – Flint Hills Resources
- Rick Mendoza – Citgo
- Aimee Almaraz – Valero
- Thomas Gordon – Valero
- Dr. Richard Coffin – Texas A&M (CC)
- Paul Hutchinson - Gulf Coast Growth Ventures
- Tony Cummings – Buckeye Partners
- Rusty Jacob – Gulf Coast Growth Ventures
- Robert Schulz – Port of Corpus Christi
- Sacha Winkler – Port of Corpus Christi
- Craig Kondoff – Cheniere (Co-Chair)
- Robert St. John – Gulf Coast Growth Ventures (Chair)

# Coastal Bend Air Quality Action Plan

Port Operations Workgroup



COASTAL BEND

AIR QUALITY  
PARTNERSHIP



# Purpose and Need

## Scope

- Movement of good within the port industrial area
- Emissions from barges, tugs, ocean-going vessel, locomotives, equipment, and heavy-duty trucks

## Purpose

- Integrate best practices and technologies
- Facilitate economic growth
- Preserve local air quality
- Elevate community well-being
- Ensure attainment zone status and compliance with regulations

## Need

- Identify and address port operation's impact
- Significant capital investment
- Retrofit/Turn-over equipment and fleets
- Coordination and collaboration with stakeholders
- Benchmark new innovations
- Emerging technologies and best practices

# Challenges and Opportunities

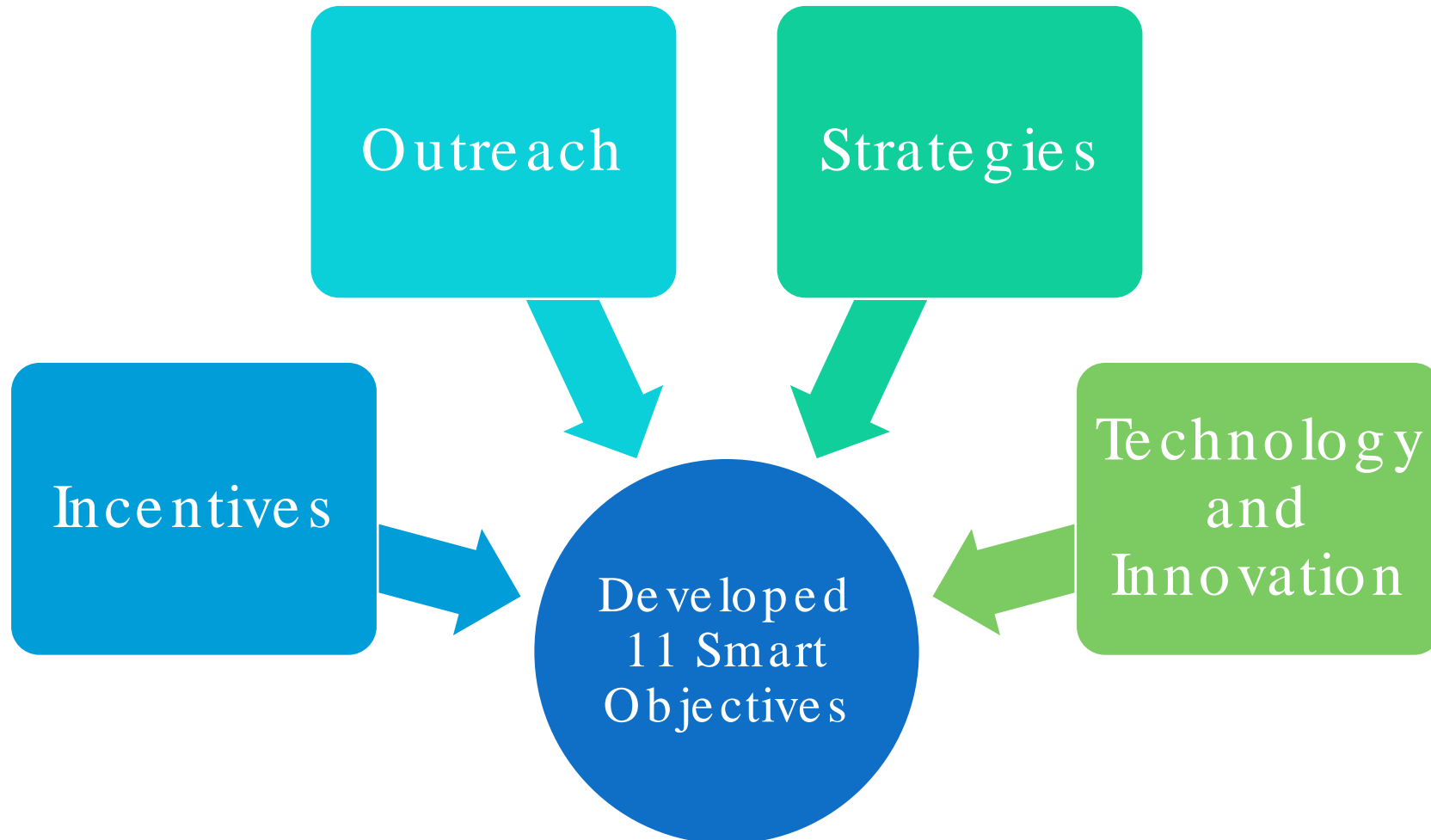
## Challenges

- Diverse equipment
- Long “lifetime” for ships, locomotives, and heavy-duty trucks
- Clean electricity
- Aligning international, federal, state, and local regulations
- Public engagement and accessibility of information
- Vessel retrofitting
- High upfront costs with no certain ROI
- Time to implement infrastructure

## Opportunities

- Diverse options
- Boost social license to operate
- Grant funding opportunities
- Building on existing stakeholder relationships and partnerships
- Proven best management practices and technologies
- Willingness to invest in new research and development
- Existing emissions inventories
- Ensuring regulatory compliance

# Objectives



# Smart Objectives: Incentives

## Low-Emission Alternative Fuels

- Time frame: three years
- Increase the use of low-emission alternative fuels
- Fuel types need to be accessible
- Implement incentives to encourage the adoption

## Environmental Programs

- Time frame: two years
- Encourage environmental programs
- Benefits: systematic monitoring, evaluation, and continuous improvement

## Vehicle and Vessel Turnover

- Time Frame: three years
- Incentives encourage turnover and/or retrofitting
- Intended outcome: decrease the average fleet age by 20%
- 30% of the fleet turnover or retrofitting target

# Smart Objectives: Outreach

## Public Outreach and Transparency

- Timeframe: six months
- Install additional air monitors at sensitive locations
- Continuously monitor air quality
- Publicly available data

## Stakeholder Network

- Timeframe: one year
- Create an air quality information dissemination network
- Streamline collaboration on environmental initiatives
- Raise awareness among port workers, local communities, and stakeholders

# Smart Objectives: Strategies

## Infrastructure

- Timeframe: Five Years
- Comprehensive infrastructure will support the energy transition
- 50% direct reduction in air pollutants from port operations
- Allocate the budget and resources
- Collaborate with relevant stakeholders and technology providers
- Track progress annually

## Green Shipping Corridors

- Timeframe: Seven Years
- Green Shipping Corridors will ensure vessels calling at the port use alternative fuels or energy-efficient technologies
- 20% reduction in greenhouse gas emissions
- 30% reduction in hazardous air pollutants

# Smart Objectives: Technology and Innovation

## Dust Suppression

- Timeframe: one year
- Identify and implement dust suppression technologies
- 5% reduction in airborne particulate matter (PM)
- Mitigate impact

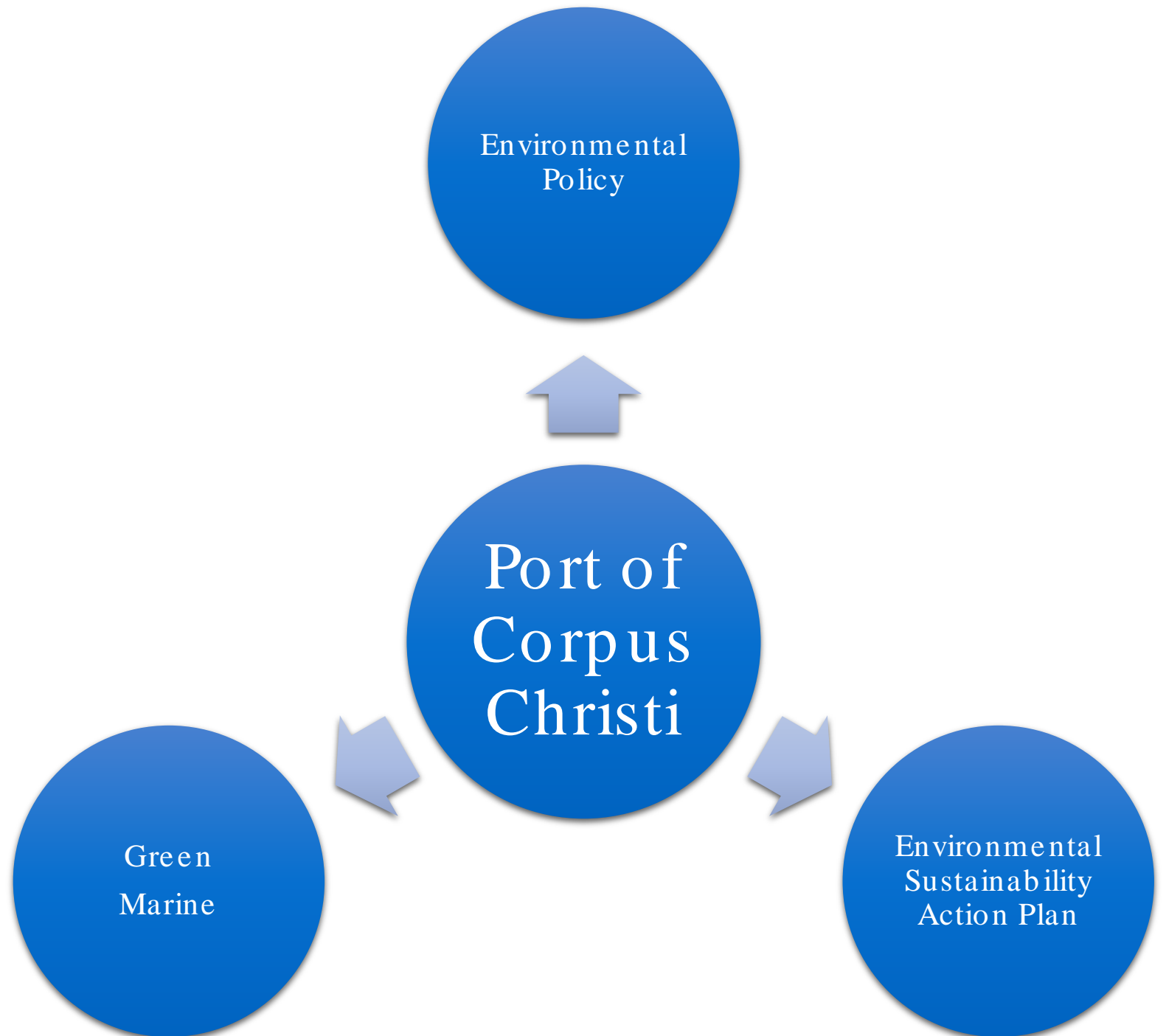
## SMART Port

- Timeframe: five years
- Implement SMART Port technology
- Enhance operational efficiency
- 20% reduction in average waiting times
- 15% reduction in emissions from idling

## Feasibility and Pilot Studies

- Timeframe: three years
- Feasibility and pilot studies
- Explore and implement new technologies and practices
- Utilize existing relationships

# Recent Port of Corpus Christi Activities





# Environmental Policy



## Air Quality

Reduce emissions by 15% in PM, VOCs, NOx, SOx every 3 years



## Climate Action

Reduce GHG emissions per cargo ton by 7.5% annually



## Water Quality

Reduce AL, Fe, Zn, Pb, TSS by 10% annually



## Climate Adaptation

Implement Life Cycle Assessment tool on Port capital projects



## Habitat Restoration

Create/restore 50 acres of habitat every 3 Years



## Soils & Sediments

Remediate spills to residential standard

# Green Marine



Aquatic Invasive Species

- New Indicator Optional for 2023



GHG

- Annual Emissions Inventory
- Clean Fleet Program
- Electric Charging Station Installation



Dry Bulk

- Air Monitoring Network
- EMS Procedures
- Bulk Terminal Operations Manual



Spill Prevention / Stormwater Management

- Stormwater Master Plan
- Water and Land Pollution Prevention Plan



Community Impact

- Construction Checklist
- Truck Queuing at Joe Fulton
- Operational Sound Monitoring Procedure



Environmental Leadership

- Trash Skimmer Project
- P&D Fund
- ISO 14001
- Ducks Unlimited Partnership
- Beneficial Use Planning



Waste Management

- Sustainability Procurement Specifications
- Waste Audit
- Rethink Disposable Campaign



Underwater Noise

- Marine Species eDNA Monitoring



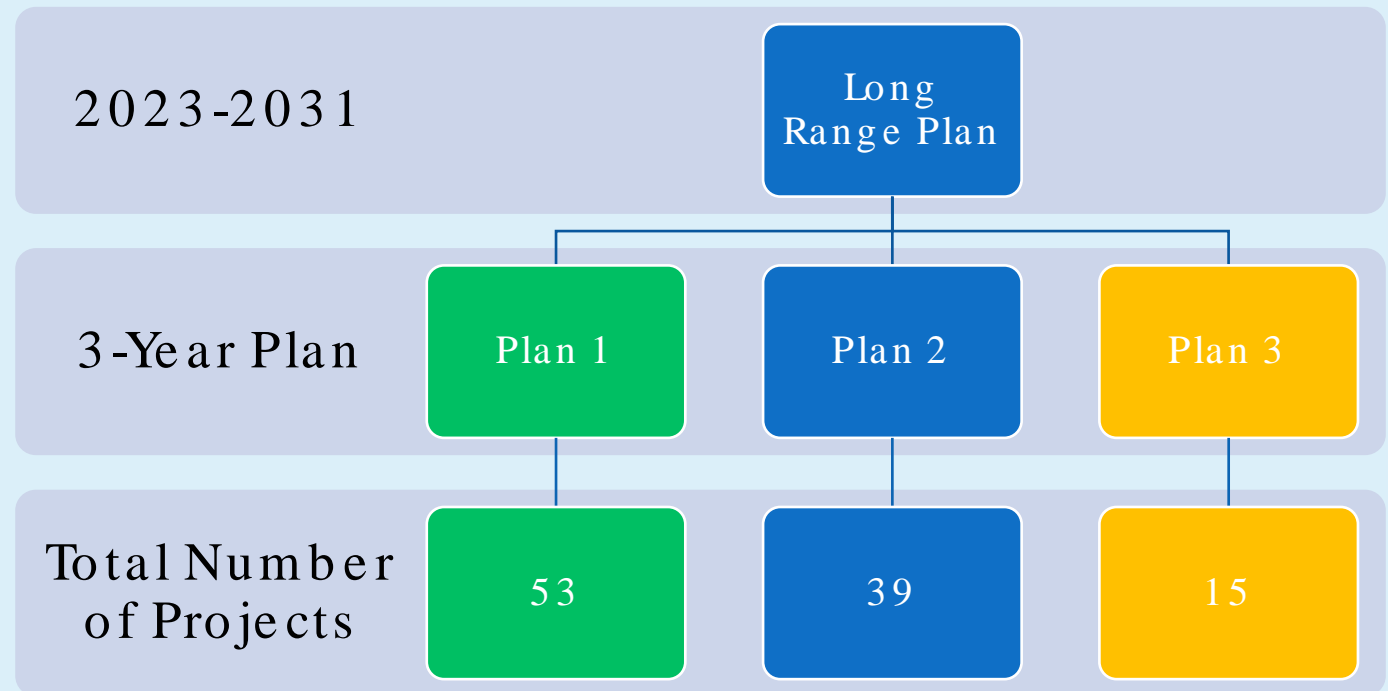
Community Relations

- [PORTable Learning Lab](#)
- Community Conversations
- Stakeholder Network
- Strategic Plan

# Environmental Sustainability Action Plan



- Comprehensive nine-year plan SMART objectives
- Broken down into three 3-year plans
- Living document
- Incorporate different sectors of Port Operations




# Environmental Sustainability Action Plan

## Air Quality

Uphold, through voluntary actions, the national ambient air quality standards established through the Clean Air Act, as amended in 1990.

## Anticipated Benefits



Sector: Rail	2023	2024	2025	2026	2027	2028	2029	2030	2031
Main Objective: Develop and deploy a Locomotive Repower/Replacement Program									
Sub-Objective 1: Advance and distribute environmentally preferred transportation Best Management Practice guides to locomotive operators/users									
Sub-Objective 2: Develop benchmarking whitepaper for zero-emission and lower-emission fuel sources (as Renewable natural gas, electric, etc.) for locomotives including identifying needed infrastructure									
Sub-Objective 3: Pilot study a Zero-Emission Switcher Locomotive 									
Sub-Objective 4: Develop a Clean Locomotive Initiative that prioritizes fleet turnover/replacements based on results from pilot study									
Sub-Objective 5: Develop incentive program for locomotive operators within the Port to repower/replace engines including identifying funding strategies for the program									





# Public Health Workgroup

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**Kevin Hensley**

*Workgroup Chair*

*Corpus Christi – Nueces County Public Health District*



# Public Health Workgroup *Recommendations*



*Theme: Education and Awareness Empowers Everyone to Make Better Choices*

*Workgroup Recommendations:*

1. *Inform the public about the Air Quality Index to increase awareness*
2. *Educate public about the meaning of the Air Quality Index*

# **Recommendation 1 - Inform the Public About The Air Quality Index to Increase Awareness**

*“It’s hard for the public to care about something if they don’t know it exists”*

**Work Group Insight**– Increasing the visibility of the Air Quality Index is the best way to increase awareness

## Recommended Steps:

- 1) Create a document to promote the Inclusion of the Air Quality Index on various media platforms
  - 1) Ensure the document references reputable sources
  - 2) Ensure the document is easy to understand
- 2) Identify Organizations and groups for distribution of the *Inclusion of the Air Quality Index* document
  - 1) City & County Websites
  - 2) Local news organizations – (KIII, KRIS6, Caller Times, Univision, etc.)
  - 3) Local Businesses & Organizations – (Anyone with a public facing TV or monitor can display the Air Quality Index)
- 3) Distribute the *Inclusion of the Air Quality Index* document & overcome barriers
  - 1) Meet with representatives from the identified organizations and secure commitments to add the Air Quality Index to their media platform
- 4) Work with the selected organizations to ensure the Air Quality Index is displayed on their media platforms

## The Air Quality Index and You!

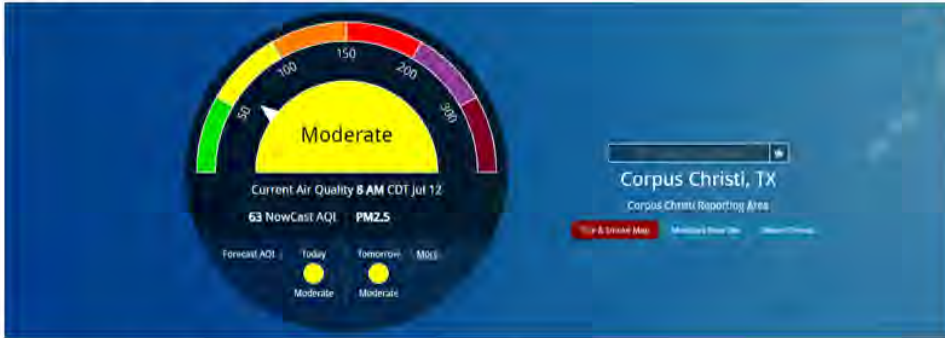
The Air Quality Index is a tool used to effectively communicate the state of the air we breathe. It is designed to provide a simple, easy-to-understand representation of air quality levels and the associated health risks. Displaying the Air Quality Index on your website or in your business can help inform the public about levels of air pollution and associated health effects in their community.

Additional benefits of including the Air Quality Index on your website or in your business include:

### Demystifying the Data:

The Air Quality Index can help to demystify air quality data. You don't need to be an expert to understand Air Quality Index values. The values are easily scaled and color-coded. Anyone can be informed at a glance!

Take a look at the AirNow.gov website dashboard:



### Educating the public:

The EPA established an Air Quality Index for five major air pollutants, which are:

- Ground-level ozone
- Particle pollution
- Carbon monoxide
- Sulfur dioxide
- Nitrogen dioxide

The Air Quality Index looks at all of these variables to create the current Air Quality level.

For more information about Air Quality, we would encourage you to explore the following websites:

- [AirNow.gov](http://AirNow.gov)
- [CDC.gov/Air](http://CDC.gov/Air)
- [Lung.org/clean-air](http://Lung.org/clean-air)

As you can see, including the Air Quality Index on a website can provide numerous benefits for businesses and organizations. It can help demystify air quality data, educate the public, assist with decision making, and provide real-time information.

Thank you for your support!

*Public Health Workgroup – Coastal Bend Air Quality Partnership*

# Public Health Workgroup *Recommendation*

*Proposed Document:*

- *Inclusion of the Air Quality Index*

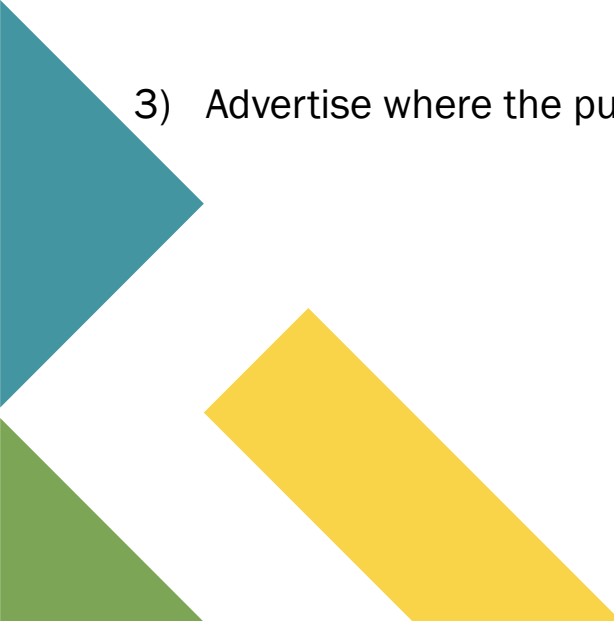


# **Recommendation 2 – Educate the Public About the Meaning of the Air Quality Index**

*“What does that even mean?”*



**Work Group Insight** – Increasing the public's knowledge about the meaning of the Air Quality Index empowers people to make better choices

- 1) Produce and distribute news releases when the Air Quality Index is abnormal
  - 2) Educate the public about the short-term and long-term health impacts of abnormal Air Quality through news releases and news stories
  - 3) Advertise where the public can see the Air Quality Index
- 



# Public Health Workgroup

## *Concluding Thoughts*



*Community Partnerships drive change!*

*The Coastal Bend Air Quality Partnership can lead the charge to better health outcomes through increased awareness and education about the Air Quality Index.*

Coastal Bend Community

Air Action Plan

Public Policy

Workgroup



# Public Policy

## Workgroup Goals:

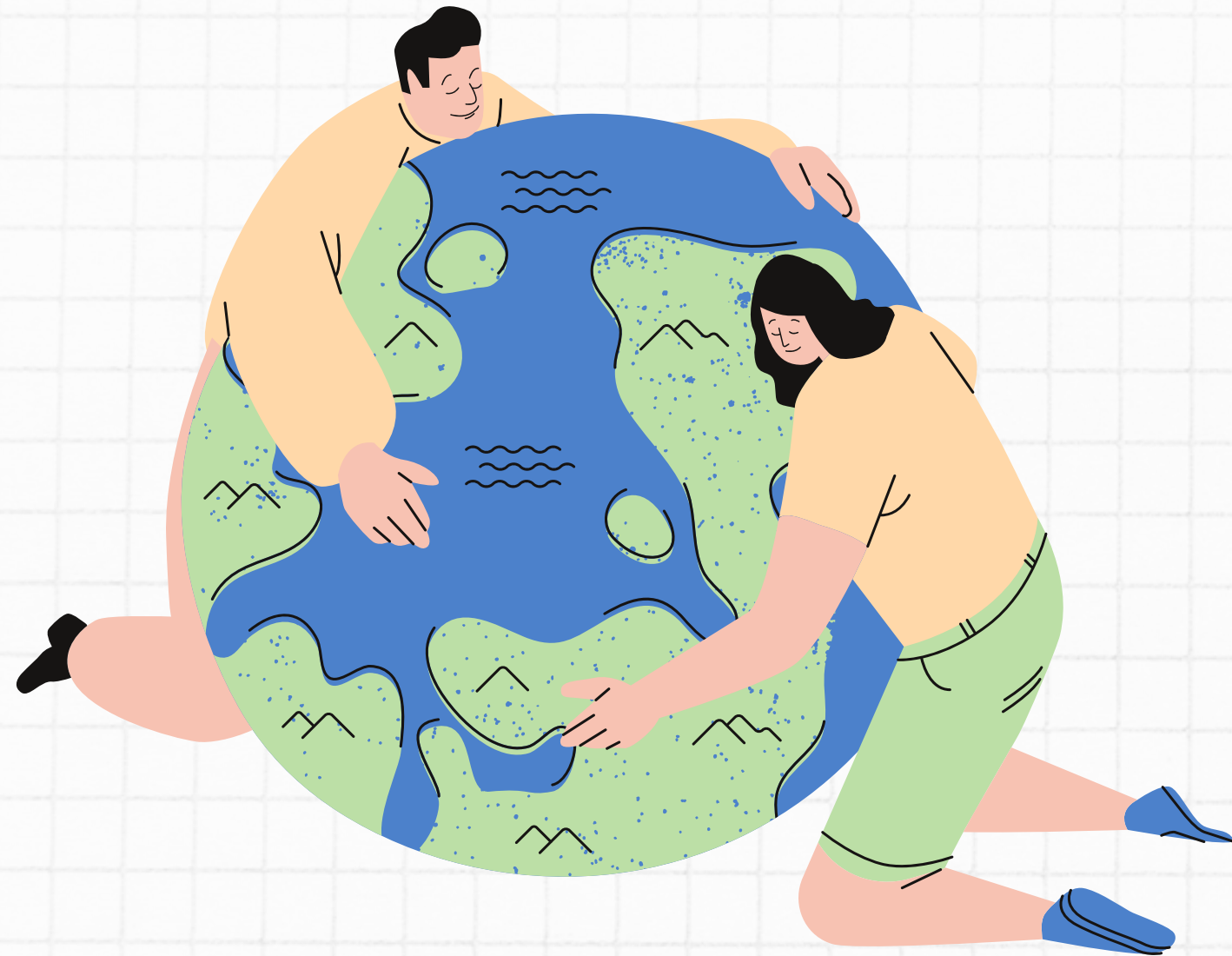


Identify Regional Air  
Quality Concerns



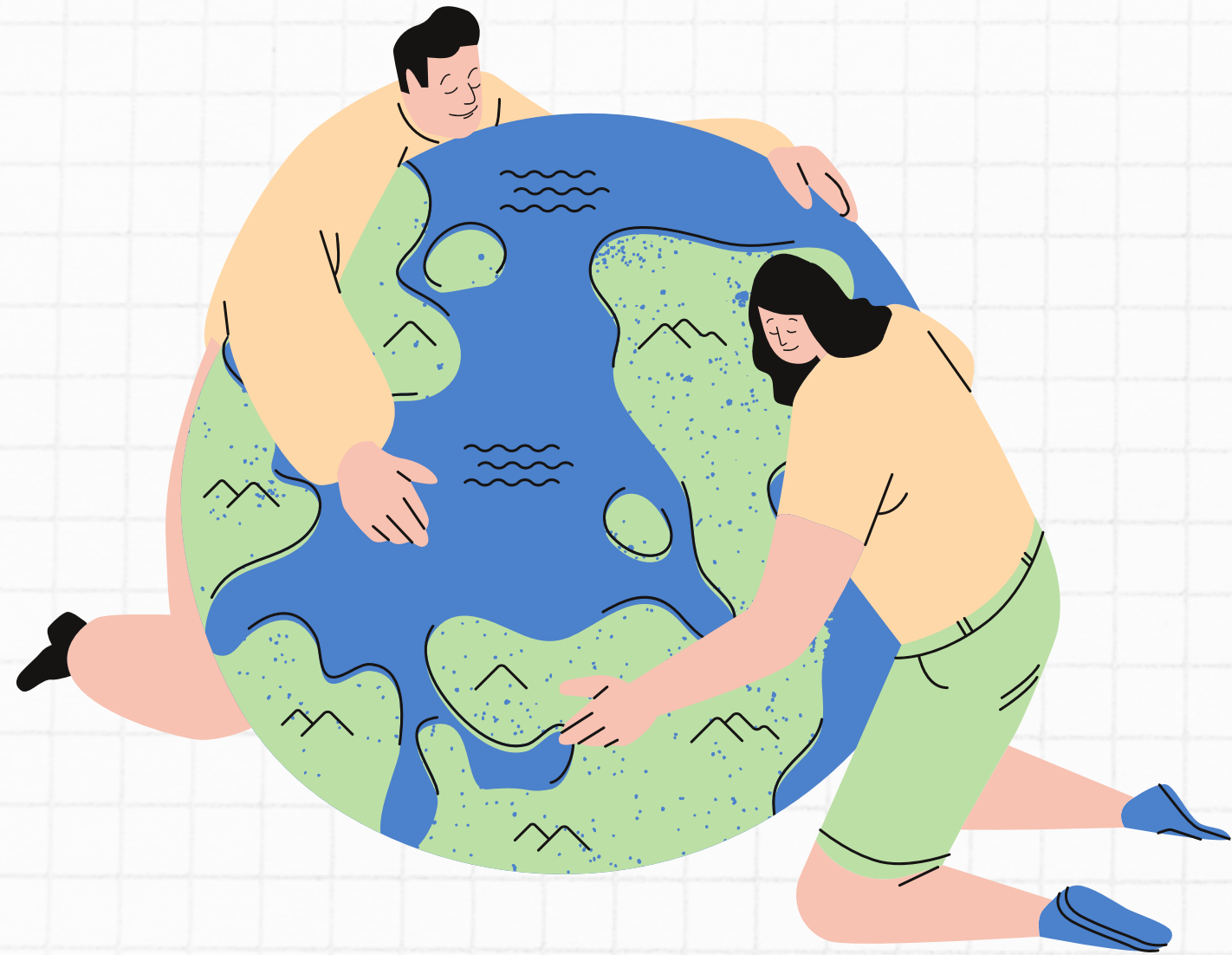
Encourage Best  
Practices by Public  
Entities

# Objective #1



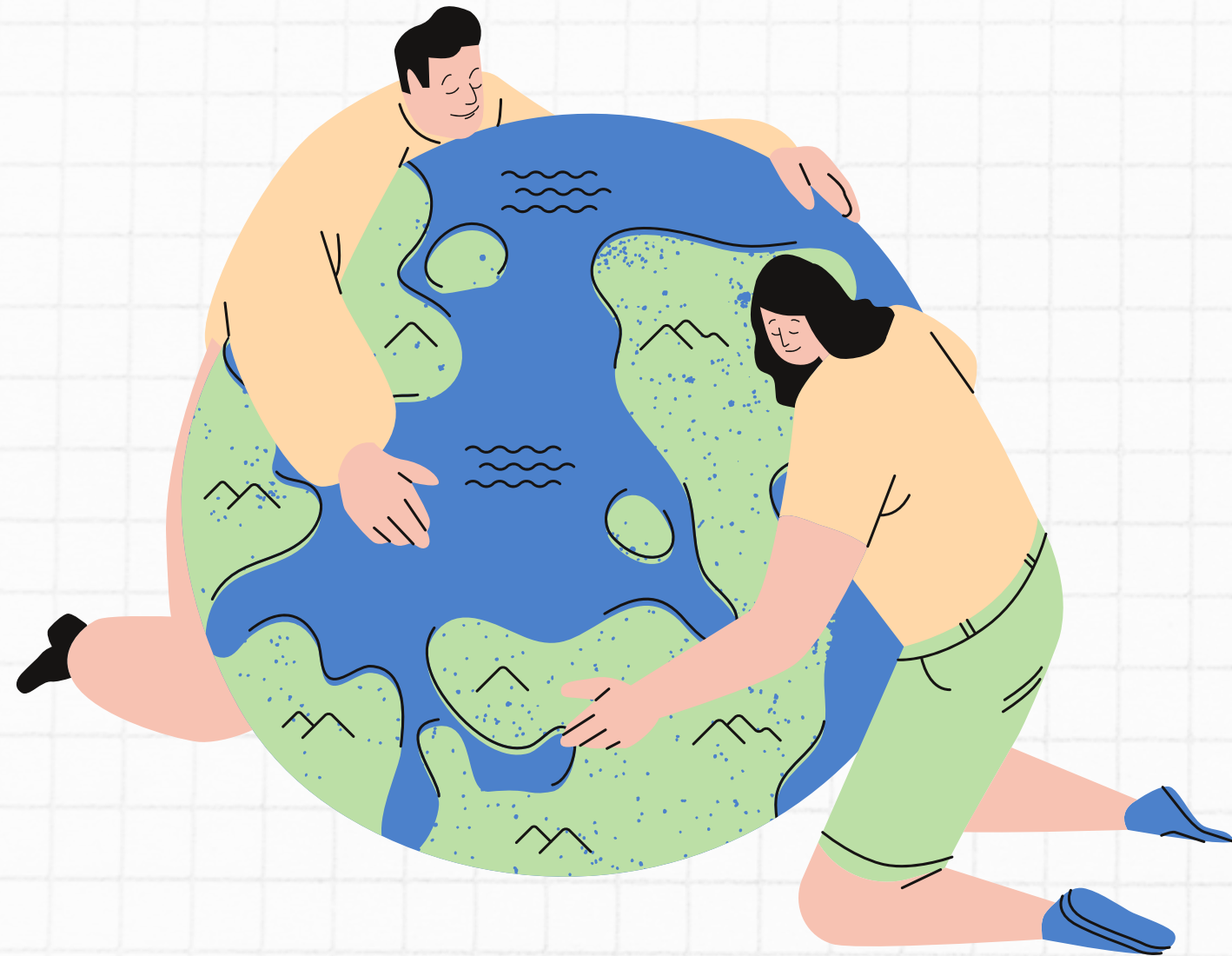
**Encourage Increased  
Pedestrian  
Mobility/Decreased  
Passenger Vehicular Usage**

# Objective #2



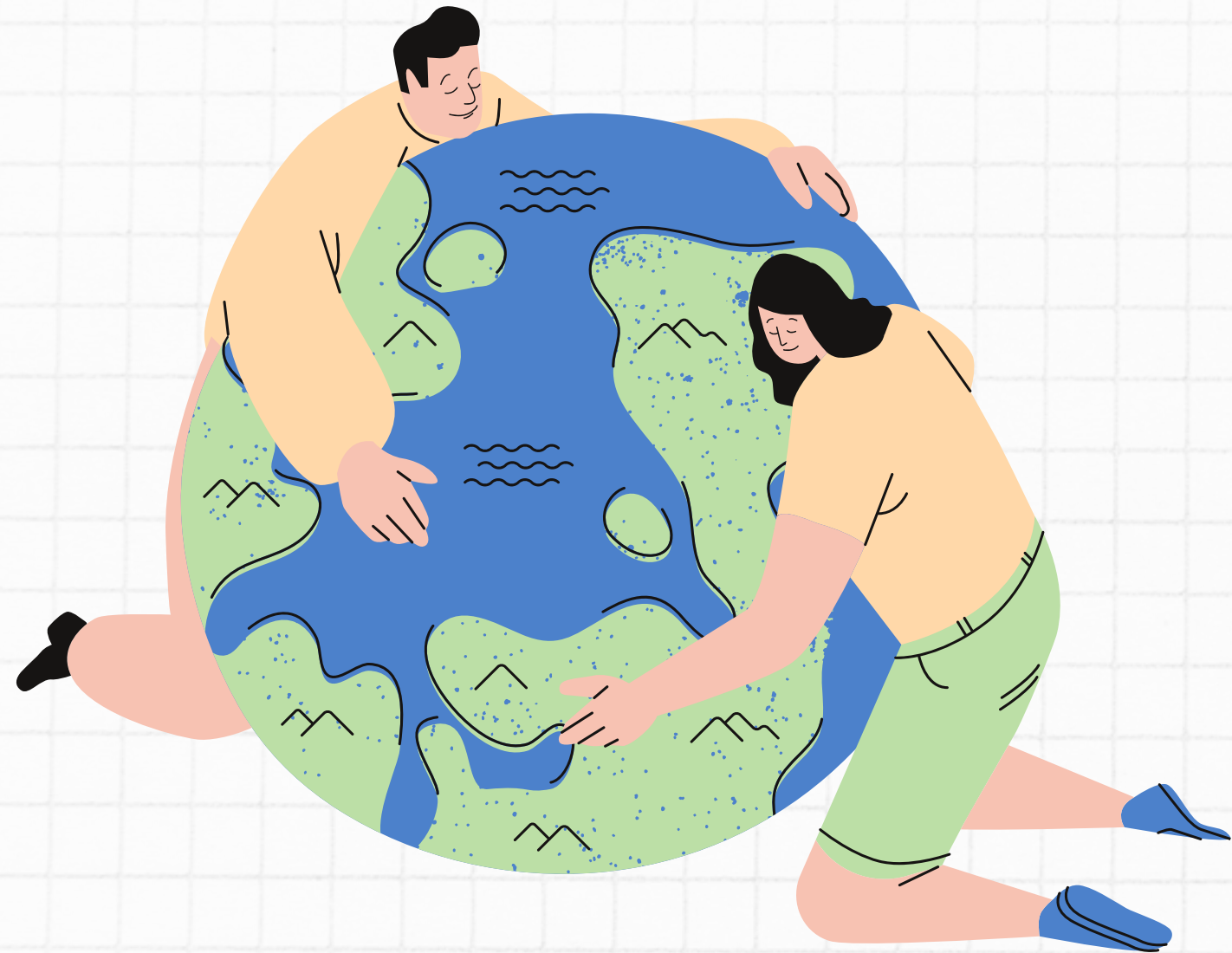
**Promote Localized Air  
Quality Monitoring and  
Data Availability**

# Objective #3



**Encourage Anti-Idling  
Practices/Adoption on Anti-  
Idling Policies**

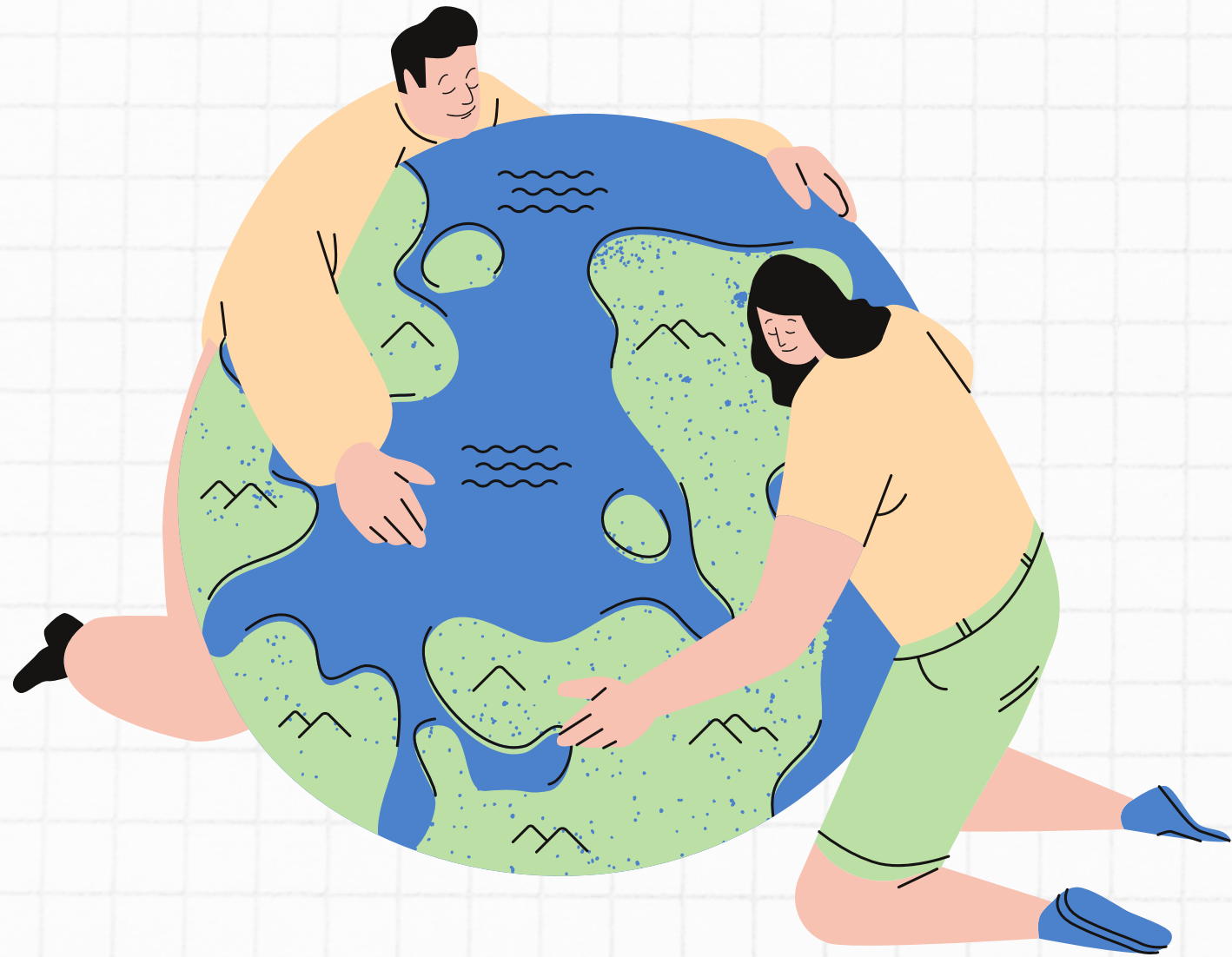
# Objective #4



**Promote Municipal  
Government Cooperation  
in Air Quality Action  
Initiatives**



# Objective #5



**Encourage and Promote  
Municipal Government  
Incentivization to  
Commercial Entities Air  
Quality Action Initiatives**



# Tourism & Recreation

- **Terry Lawson**
- *Workgroup Chair*

# Tourism & Recreation Workgroup

## ***INTRODUCTION***

*Tourism & Recreation is focused on the CBAQP purpose:*

- Advancing regional dialogues about the effects of air quality to tourism and recreation;
- Promoting voluntary air quality improvement measures and pollution-reducing activities;
- Communicating to industry, government, small business and the public air quality issues; and
- Finding available resources to implement the objectives





# Objective 1: Dashboard

**Specific:** Develop dashboard on CBAQP of related Air Quality on website/app to include most recent area emissions inventory information.

**Measurable:** Track website hits. Include website comment form to gauge awareness and potential behavior changes.

**Achievable:** Current project by Michelle Hummel, Assistant Professor, Dept. of Civil Engineering at UT Arlington.

**Relevant:** Mention benefits of electric vehicles which centralize emissions, since electricity can be centrally generated with better emission controls.

**Time Sensitive:** Goal is to have dashboard available by end of 2024 and links available sooner. Education and Outreach component.



## Objective 2: Food Trucks

**Specific:** Minimize Generators for Food Trucks.

**Measurable:** Count the number of reduced fee permits issued once approved. (Temporary/Pilot testing to compare emissions at events with/without diesel generators)

**Achievable:** Provide electrical power outlets they can plug into or power them with solar generators. Ex. <https://nexgensolartrailers.com/>

**Relevant:** Improves air quality and environment around events.

**Time Sensitive:** CBAQP to discuss with food truck organization

Cross reference Public Policy Committee – incentives for event permitting for electric systems vs. diesel generators for power sources for food trucks.

# Objective 3: Parking & Signage

**Specific:** Establish parking and signage for electric vehicles downtown.

**Measurable:** Visibility on signage.

**Achievable:** Require approval through the Cit(ies) and sources of funding. Work with Corpus Christi on establishing one cohesive signage system..

**Relevant:** Helps with education and awareness

**Time Sensitive:** Engineering process 6-8 months of traffic counts being finalized, HOT funds being used to fund 2024-2025 will start having signs constructed and installed (~ 300 signs).





# Objective 4: Vehicles

**Specific:** Establish an electric vehicle charging area in a downtown park

**Measurable:** Increase count of EV charging stations.

**Achievable:** City working on North Beach, and other additional areas of tourism working on electric vehicle charging stations.

**Relevant:** Mention benefits of electric vehicles which centralize emissions, since electricity can be centrally generated with better emission controls.

**Time Sensitive:** Progress in 2024



# Objective 5: EV signs

**Specific:** Along with the electric vehicle signs, also establish ultra low gas emission vehicle (ULEV) parking signs in certain areas (e.g. local businesses)

**Measurable:** Count the number of signs that businesses install by the end of the year.

**Achievable:** Work with local businesses to install the signs.

**Relevant:** ULEV will assist with local air quality improvements and will be an incentive to purchase a ULEV.

**Time Sensitive:** Progress in 2024



# Transportation Workgroup



# Transportation Workgroup

Zach Albrecht

Miranda De La Garza

Javier Juarez

Hannah Mitchell

Nadia Reichenbach

Trent Thigpen

John Weber



# Transportation Challenges & Opportunities

- Coordinating entities' common goals and priorities
- Scope and significance of transportation on air quality
- Understanding and communicating evolving infrastructure technologies
- Building motivation for voluntary activities
- Collecting and communicating relevant data for constituent needs  
(Inventories, Infrastructure status, Funding opportunities)



# Objectives

Facilitating Grants and Funding  
Outreach



# Facilitating Grants and Funding

**Join or create a committee/taskforce of diverse key constituents for transportation grant and funding evaluation, communication, and collaborations.**

- Recruit from local government, ISDs, COG, utilities, construction, service providers, data providers, academia
- Create, publish, and maintain a list of current funding opportunities.
- Identify eligible recipients for specific grants
  - Characterize regional ISD bus fleets and match with qualifying programs and service providers
- Communicate opportunities through a targeted communication strategies
- Provide proposal guidance
  - templates, previously awards, relevant resources, grant writing assistance, mentoring, or review)
- Organize grant teams for specific opportunities



# Facilitating Grants and Funding

## **Investigate requisites and benefits of Clean Cities Coalition (CCC) Membership**

- Review model, resources, and activities of CCC network
- Review history of CCC in Corpus Christi
- Cost, benefit, and feasibility analysis



# Outreach

**Promote, join, and collaborate with traffic optimization entities and stakeholders.**

- Identify data sharing opportunities to assist missions
  - traffic light coordination, air monitoring traffic corridors, Automated, Connected, and Electric (ACE) automotive technologies, public transit , etc.
- Participate in advisory role
- Coordinate community messaging
- Provide data to, or publish data from traffic optimization entities
- Coordinate Ozone Advance initiative with traffic partners



# Outreach

**Promote and support existing tools and programs for transportation emissions reduction.**

- Create, host, and/or promote workshops, demonstrations, and speakers for transportation related emission reduction tools and programs.
- Identify high return activities and programs
  - SmartWay, Afleet, AutoCheck, CleanFleet, etc.
- Promote via newsletter and/or calendar





# Outreach

## **Promote and encourage Low Emissions Vehicles (LEV) use and adoption**

- Create a local public LEV dashboard
  - Vehicle counts, charging/fueling infrastructure locations
- Facilitate an EV test drive/ride network for EV experience
- Couple information with health and financial benefit data
- Host EV information workshops/info sessions
- Support/promote gig-worker electrification efforts
  - delivery drivers, ride sharing, car rental, etc.
- Feature in Transportation Guide
- Promote with CBAQP media strategy



# Outreach

**Create and distribute a digital, dynamic CB-CAAP “Transportation Guide(s)” for actions and resources to reduce transportation emissions.**

- Compile, collect and solicit contributions for the guide
- Make available in online and downloadable formats
- Promote through CBAQP media strategy



# Infrastructure

## **Monitor and encourage alternate fuel infrastructure.**

- Inventory and asses existing local Infrastructure
- Identify and project future needs.
- Set targets for infrastructure expansion
- Hold workshops for FAQs, tools, and support for public and private EV infrastructure
- Facilitate, support, encourage, and communicate grants and incentive programs
- Monitor and report LEV infrastructure and advancements