



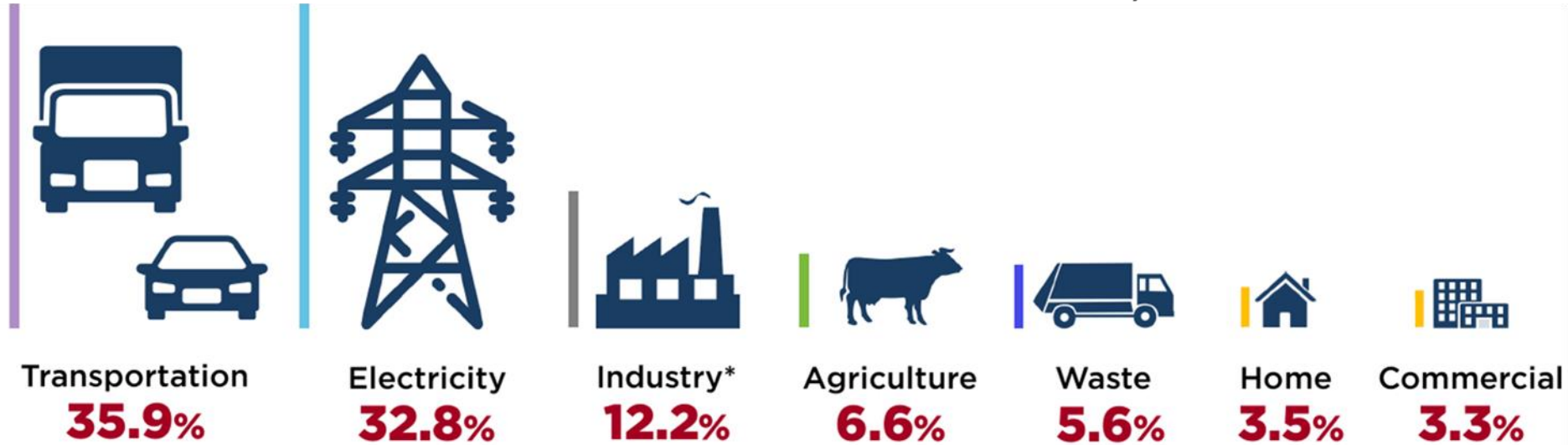
**NORTH CAROLINA**  
Department of Transportation

# Carbon Reduction Program

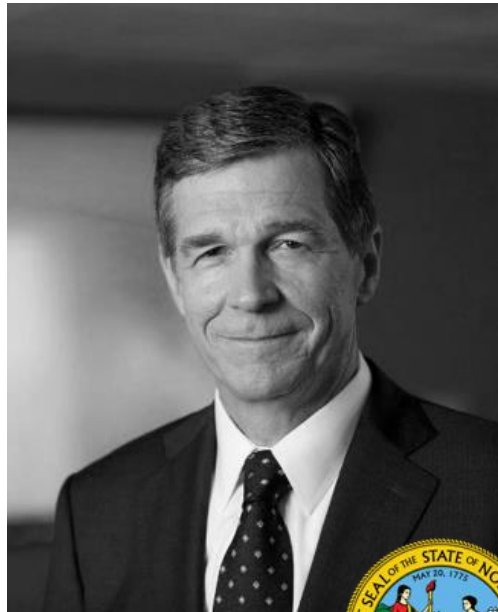
Heather J. Hildebrandt, Transportation Planning Division

# Greenhouse Gas Emissions in NC

*2018 Gross GHG Emissions by Economic Sector*



# Executive Orders



Gov. Roy Cooper



2018

## EO 80

Reduce economy wide emissions by 40% below 2005 levels by 2025

Increase total number of registered ZEVs to at least 80,000 by 2025

Reduce energy consumption in state-owned buildings by 40% below 2002-2003 levels

2022

## EO 246

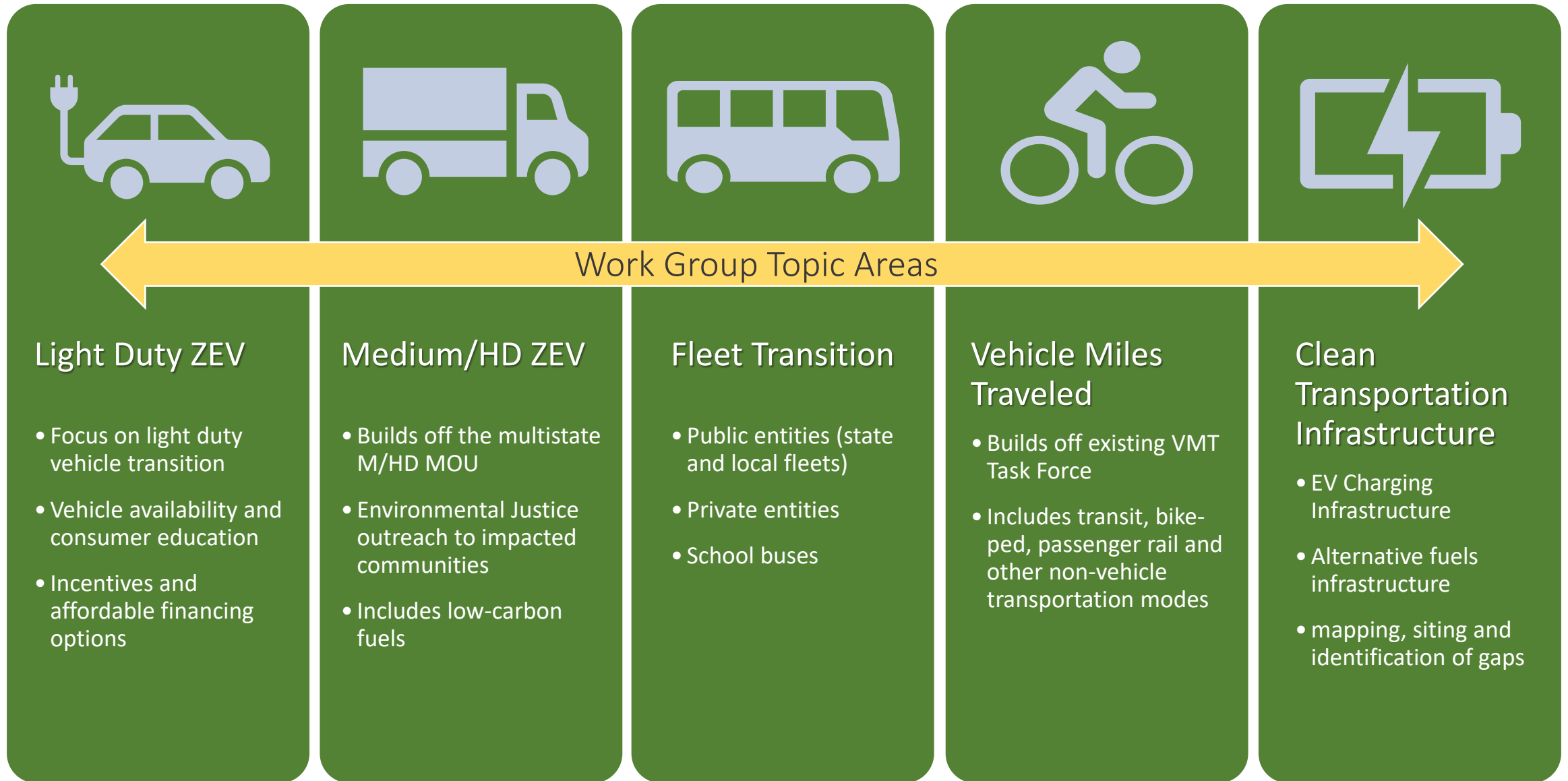
Reduce economy wide emissions by **50%** below 2005 levels by **2030**

Increase total number of registered ZEVs to at least **1.25 million by 2030**

Increase the sale of ZEV so that **50% of in-state sales** are zero emission by 2030

## North Carolina Clean Transportation Plan

- Share **best-practices** and increase awareness
- Assess the **opportunities, challenges, and considerations** with creating a more equitable clean transportation system
- Develop **strategies** with an emphasis on near-term action
- Develop **accountability metrics** to track progress for priorities



# Action Areas

## Communication & Engagement

Methods to increase equitable engagement and empower public, private, and non-profit effectiveness and methods to directly engage and involve stakeholders, general public and traditionally underrepresented demographic cohorts.

## Funding & Finance

Financial resources (public and private), funding programs (ex. TIP, grants, CIP) and financing tools that support equitable outcomes and implementation.

## Partnerships

Working relationships intended to increase the pace of equitable change and synergistic impacts of resources.

## Governance

Guidance that could occur at any level of government (local, regional, state, federal) including legislation, policy codes, ordinances, and mechanisms that promote equitable outcomes.

## Infrastructure

Capital investments resulting in the increased capacity and connectivity of our transportation system including EV charging, modernization of the electric grid, active transportation and transit supportive infrastructure, and equitable implementation.

# NC Reporting



## 2022 Climate Strategy Report

October 3, 2022

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- List of eligible projects
- FHWA Requirements
- NC has their own requirement that are beyond FHWA Requirements



# Overview

## North Carolina's Suballocation

- Funds are available to FY26
- NC has already received FY22 and FY23 amounts
- 35% of funds may be obligated in any area of the State
  - Funding available internal to NCDOT Units
- 65% of funds apportioned to a State for CRP obligated by population:
  - Urbanized areas over 200,000;
  - Urbanized areas from 50,000 to 200,000;
  - Urban areas from 5,000 to 49,999;
  - Other areas less than 5,000.





# Project Funding

## Match Requirements

- All Projects: 80% federal, 20% non-federal
- NCDOT to provide the match for some projects with RPO regions
- Project minimum cost is \$100,000
- Include an additional 10% in the project cost for NCDOT project oversight.
- Contingency fee

## Project Selection Process

- RPO Projects
  - Each to submit 12 projects
  - RPOs to provide NCDOT with a list of priorities
  - Goal is to fund at least one project per area and equity across modes
- TMA MPOs select project within existing selection process such as CMAQ
- Non-TMA MPOs should develop a selection process
  - Call for Projects
  - Process can include scoring criteria
    - Equity factor
    - Carbon Emission
    - Safety factor
    - Mode Effectiveness
    - Adopted Plans

## NCDOT Coordination

### MPOs must submit all projects to NCDOT Transportation Planning Division- Statewide Initiatives Group

- Statewide Initiatives Group:
  - Determine eligibility of projects
    - Help revise the scope of projects
  - Calculate carbon reduction emissions
  - Maintain a statewide master list of projects
  - Coordinate with the STIP unit
  - Coordinate funds being flexed to FTA
- Division Coordination
  - Cost estimate review
  - Help identify possible projects
  - Identify if the project is feasible
- Local Agreement

This is a **reimbursement program**; local entity will pay for 100% of the project upfront.

# Questions

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