

Climate and Air Pollution

New Jersey Actions

Assistant Commissioner Paul Baldauf

NJDEP – Air Quality Energy and Sustainability

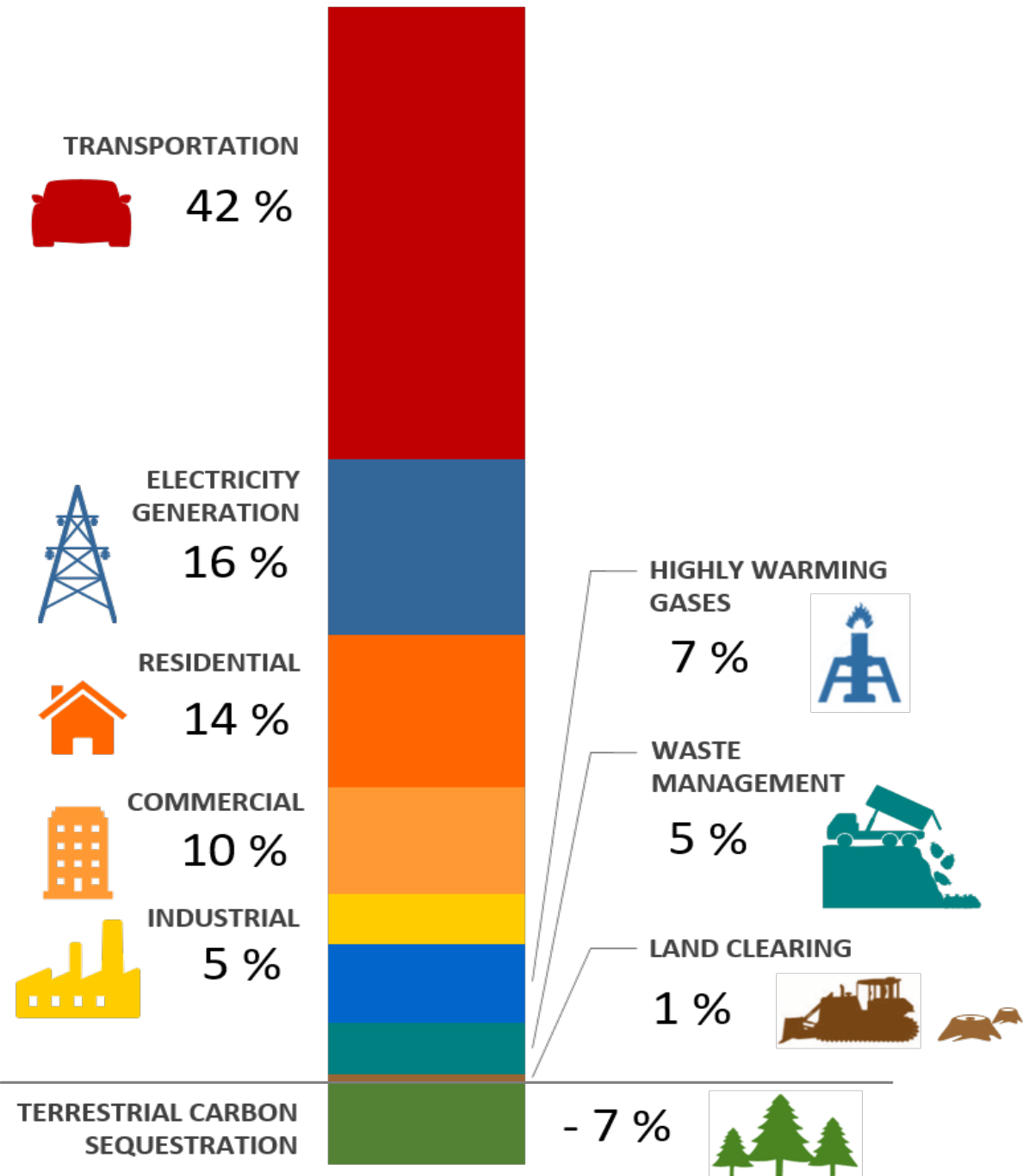




New Jersey GHG Profile

Sources and Sinks

2015 Statewide Greenhouse Gas Emissions Inventory



New Jersey's Global Warming Response Act

<http://www.nj.gov/dep/ages/docs/gw-responseact-07.pdf>

- Establishes limits for reducing greenhouse gas (GHGs) emissions
 - Back to 1990 levels by 2020 ✓
 - 80% reduction from 2006 baseline by 2050

How can we achieve this goal?

- Regional Greenhouse Gas Initiative
- Electric Vehicles
- Renewable Energy Portfolio
- Offshore Wind
- Electric Vehicles
- Natural Carbon Sinks
- Energy Efficiency



NJ's Efforts to Rejoin RGGI

AUTHORITY
TO RE-ENTER
RGGI



Global Warming Solutions Fund Act

- Authorizing NJ to join RGGI and dictates use of Auction Proceeds
- <http://www.njleg.state.nj.us/2006/Bills/PL07/340.PDF>



Executive Order #7

- Directs NJ to re-enter RGGI and adds criteria for disproportionately impacted communities
- <http://nj.gov/infobank/eo/056murphy/pdf/E0-7.pdf>

DEP
RULES



Mechanics Rule

- Legal commitment to the RGGI process
- Adopts framework of RGGI Model Rule



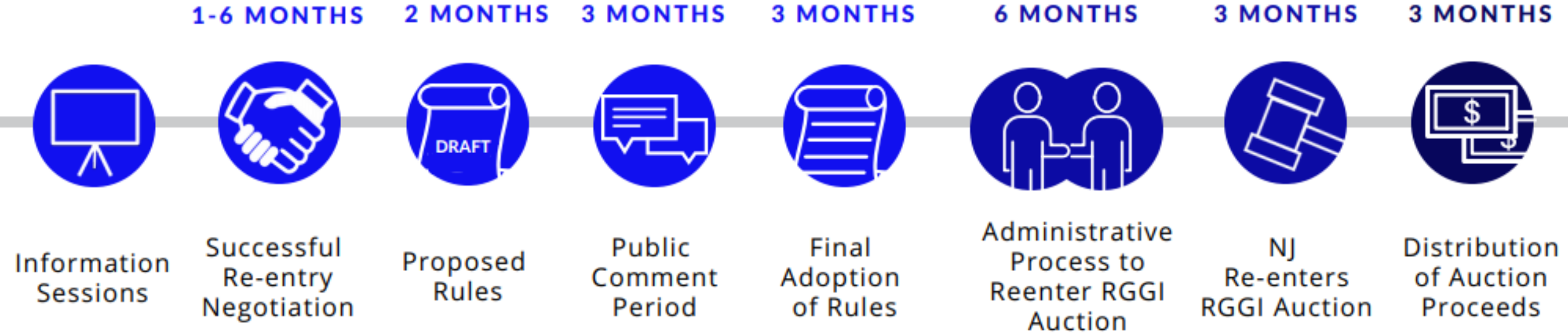
Funding Rule

- Adheres to GWSFA mandates and other legislative mandates
- Incorporates EO 7 criteria

RGGI MODEL RULE

NEGOTIATIONS

Roadmap to Re-enter RGGI



drive green
new jersey

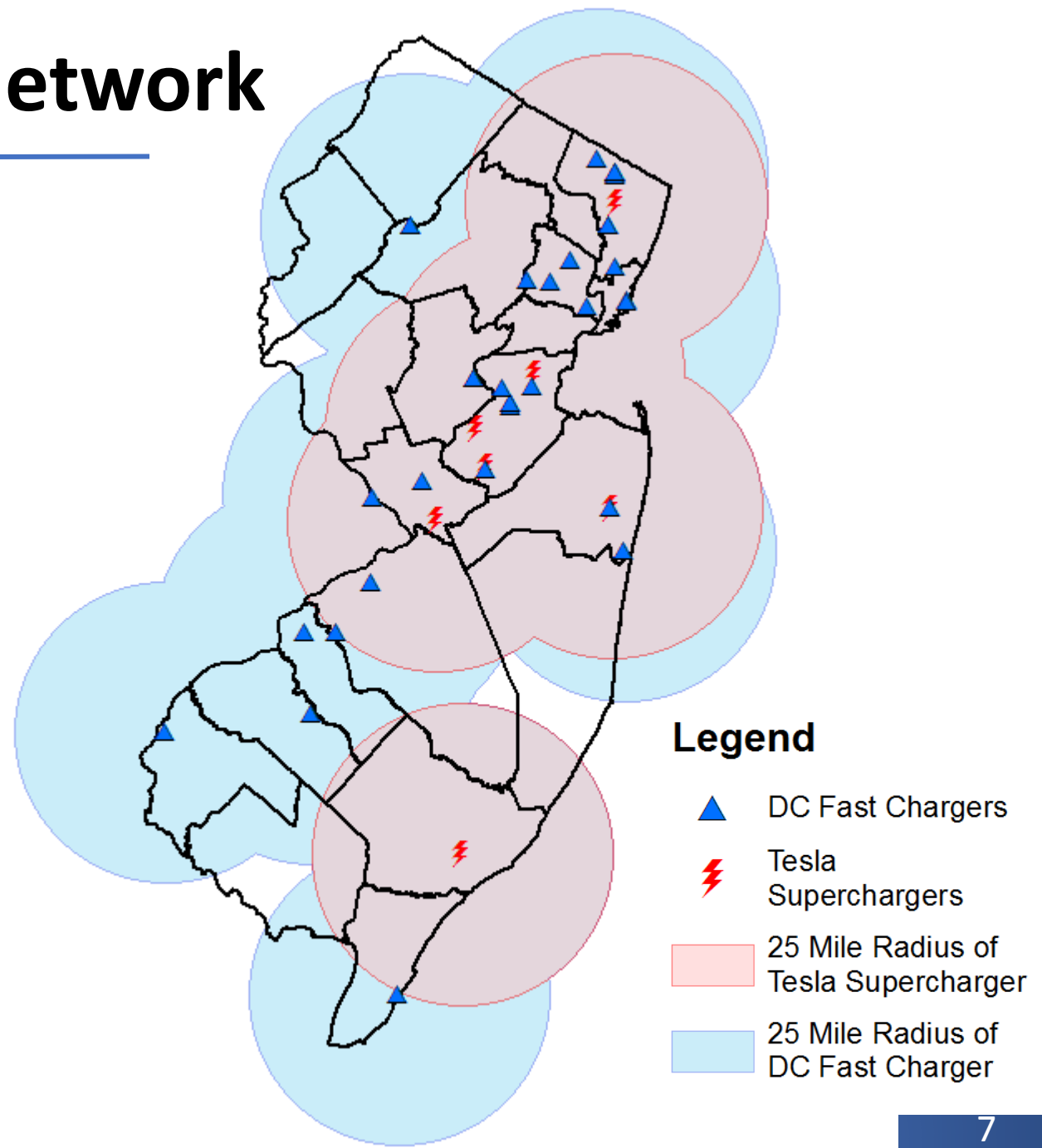


Photo from Chevrolet

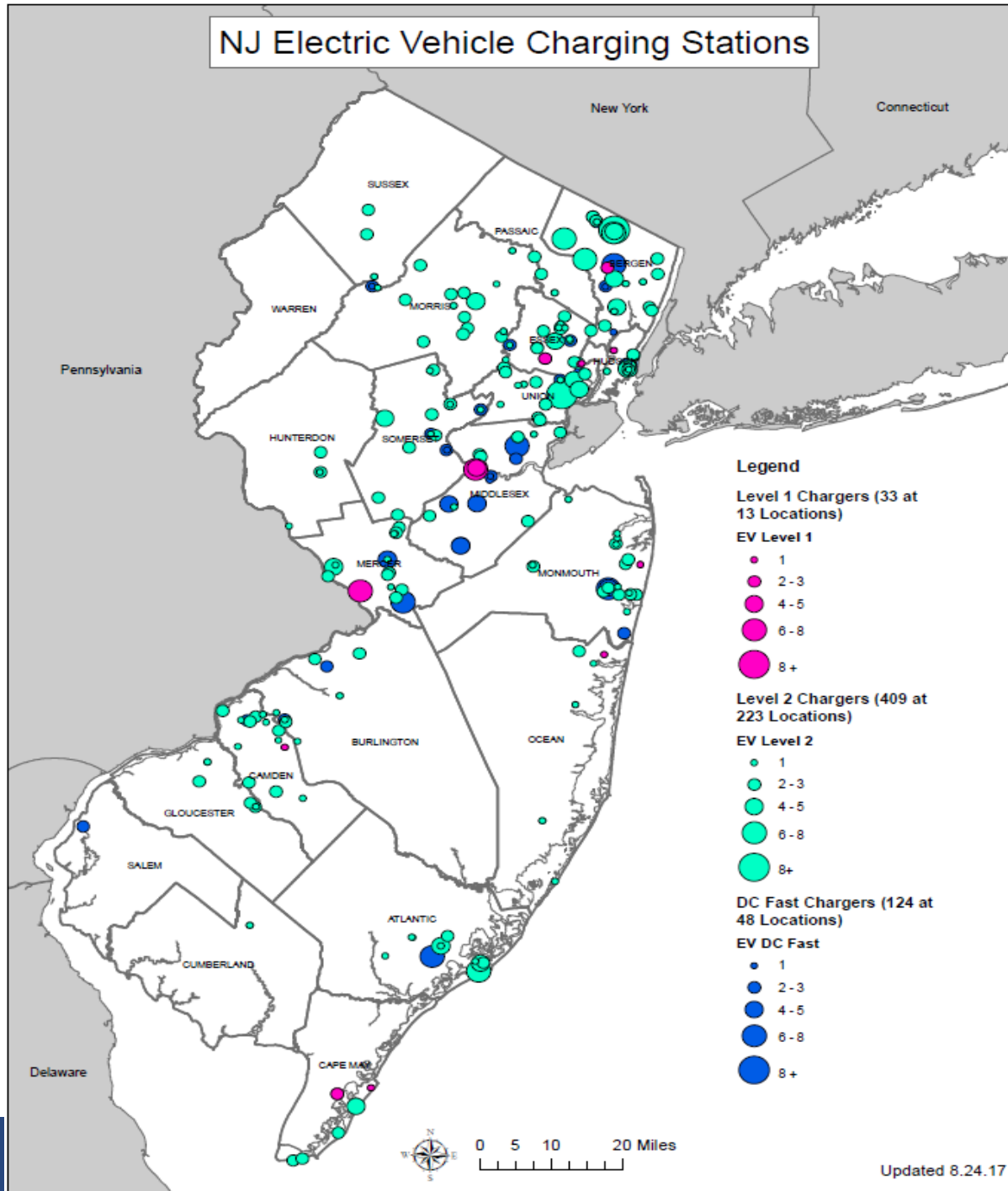


Bolstering NJ's Charging Network

- NJ has 102 public DC Fast Charging outlets at 42 locations.
- These can charge an EV by nearly 80% in just 20 minutes.
- Many are along major travel corridors, which is perfect for those long trips.



NJ Electric Vehicle Charging Stations



NJ's Public Charging Network

Publicly accessible EV charging stations:

517 plugs at 220 locations

Source: www.afdc.energy.gov



It Pay\$ to Plug In

NJ's Workplace Charging Grant Program

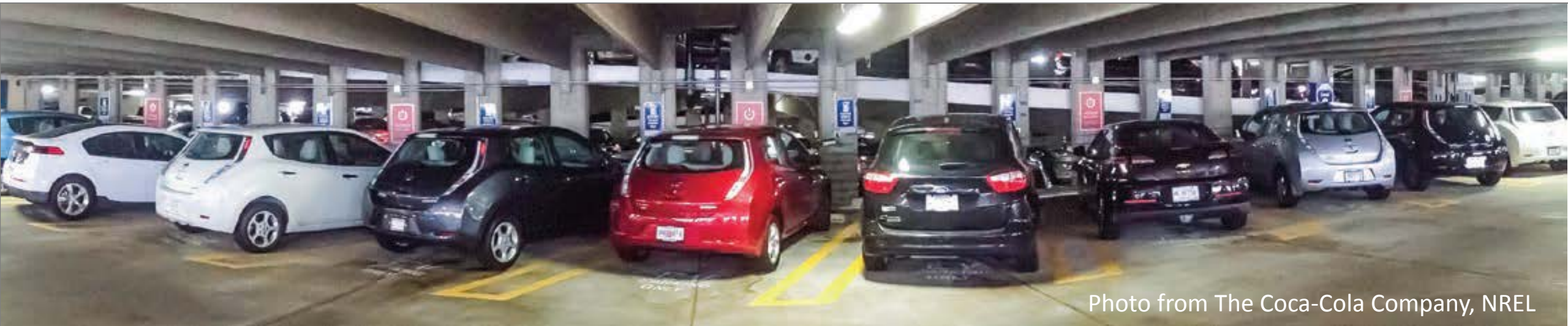


Photo from The Coca-Cola Company, NREL

Grants to offset costs of purchasing and installing EV charging stations.

Goal: Encourage employees to purchase and drive electric vehicles to work, and reduce “range anxiety”.

Success!

- **Awarded nearly \$850,000 in 11 months to 62 grantees for 186 charging stations**
- Accepting applications for the waiting list as we await additional funding.
- \$3.6 million expected to be available late 2018



Administering the VW Settlement \$72.2 M (15% for EV Charging)

Volkswagen Settlement (in billions)

