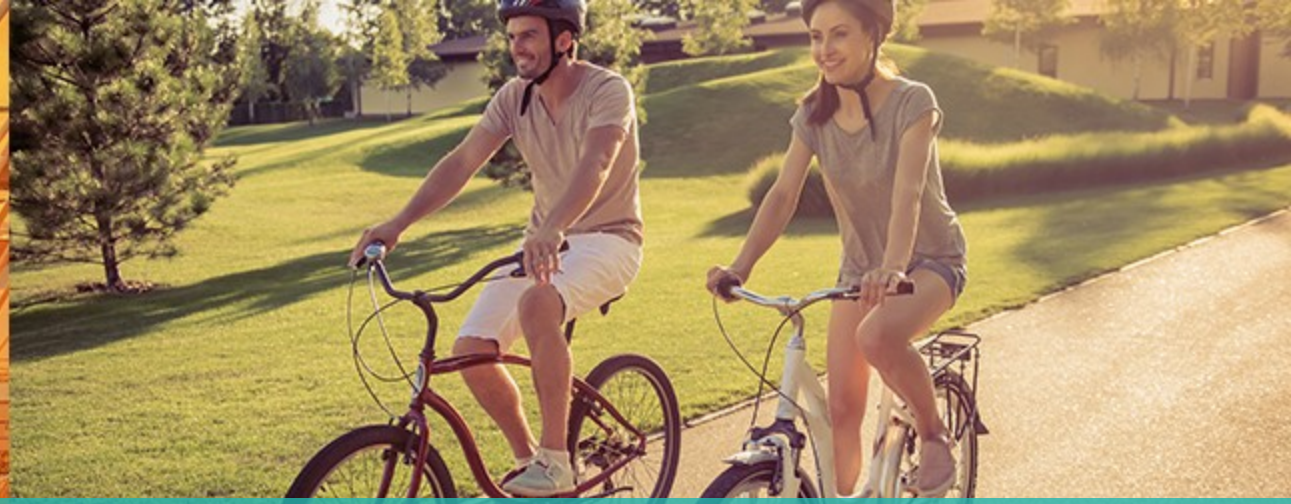



Electric Vehicle Dashboard Demo & ZEV Infrastructure Study


Vinny Polignano, Planner
Houston-Galveston Clean Cities

03/25/25

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

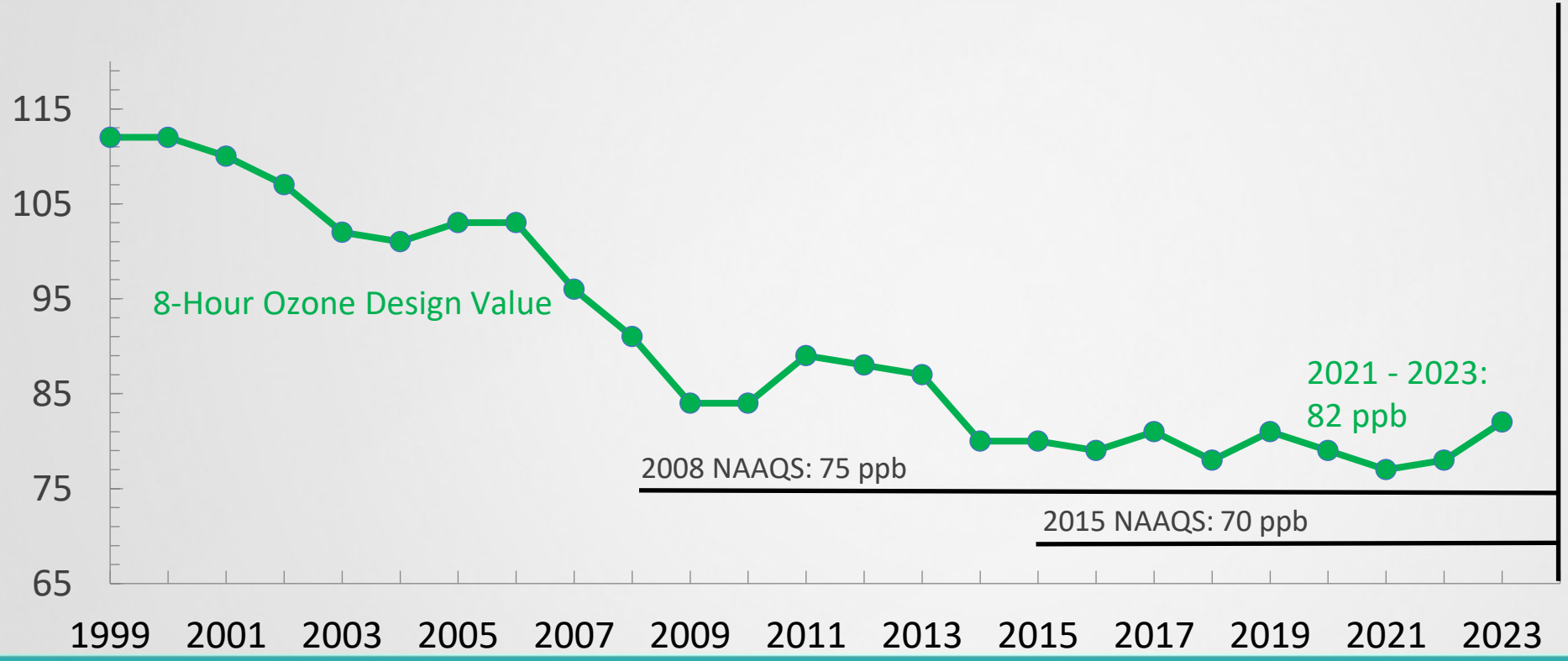
Agenda

- ZEV Study
- ZEV+ at H-GAC
- EV Dashboard Demo
- Contact Information

Background – AQ Issues

HGB Nonattainment Status

- 8 counties (2008 ozone) and 6 counties (2015 ozone)
- Transportation accounts for 63% of NOx in the region



Initial Study

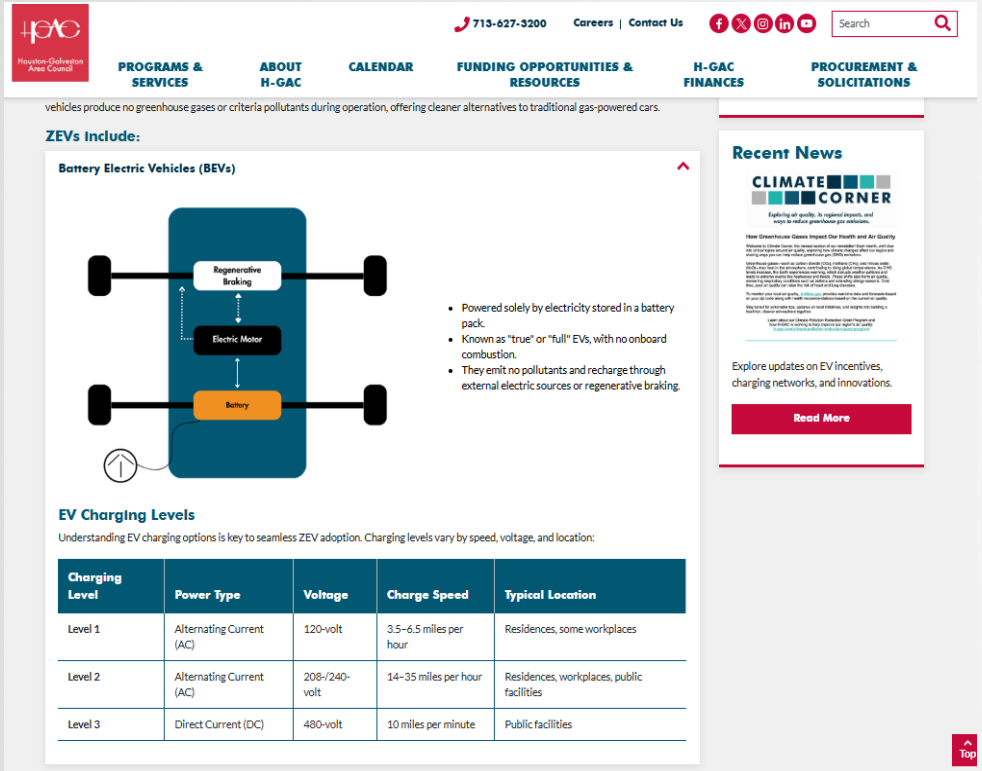
- Study – Staff led, shorter horizon
  - *BEVs/PHEVs/FCEVs background information/101*
  - National trends (registrations, industry advancements, costs, investments)
  - State trends - ZEV uptake, manufacturing, state incentives
  - Regional conditions
    - AQ challenges, demographics/population, terrain/weather, electric capacity, etc.
  - Analysis - existing/planned siting, EV registrations, freight/passenger feasibility, AFC corridors, etc.
- We hope to continue our ZEV efforts with a consultant-driven regional Plan in the future

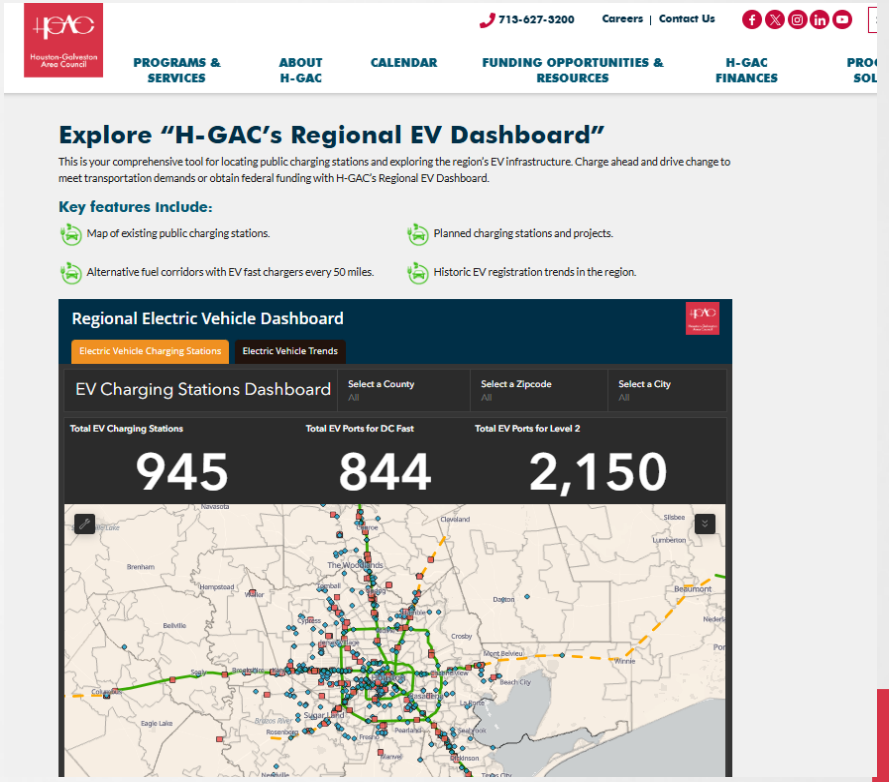
County Registration Increasing

County	Current EV Totals (December 2024)	Average Annual Percent Change (2019-2025)
Harris	46,310	+ 54%
Fort Bend	17,076	+ 65%
Montgomery	7,852	+ 60%
Brazoria	3,851	+58%
Galveston	3,137	+ 58%
Waller	345	+ 114%
Chambers	236	+118%
Liberty	189	+ 80%

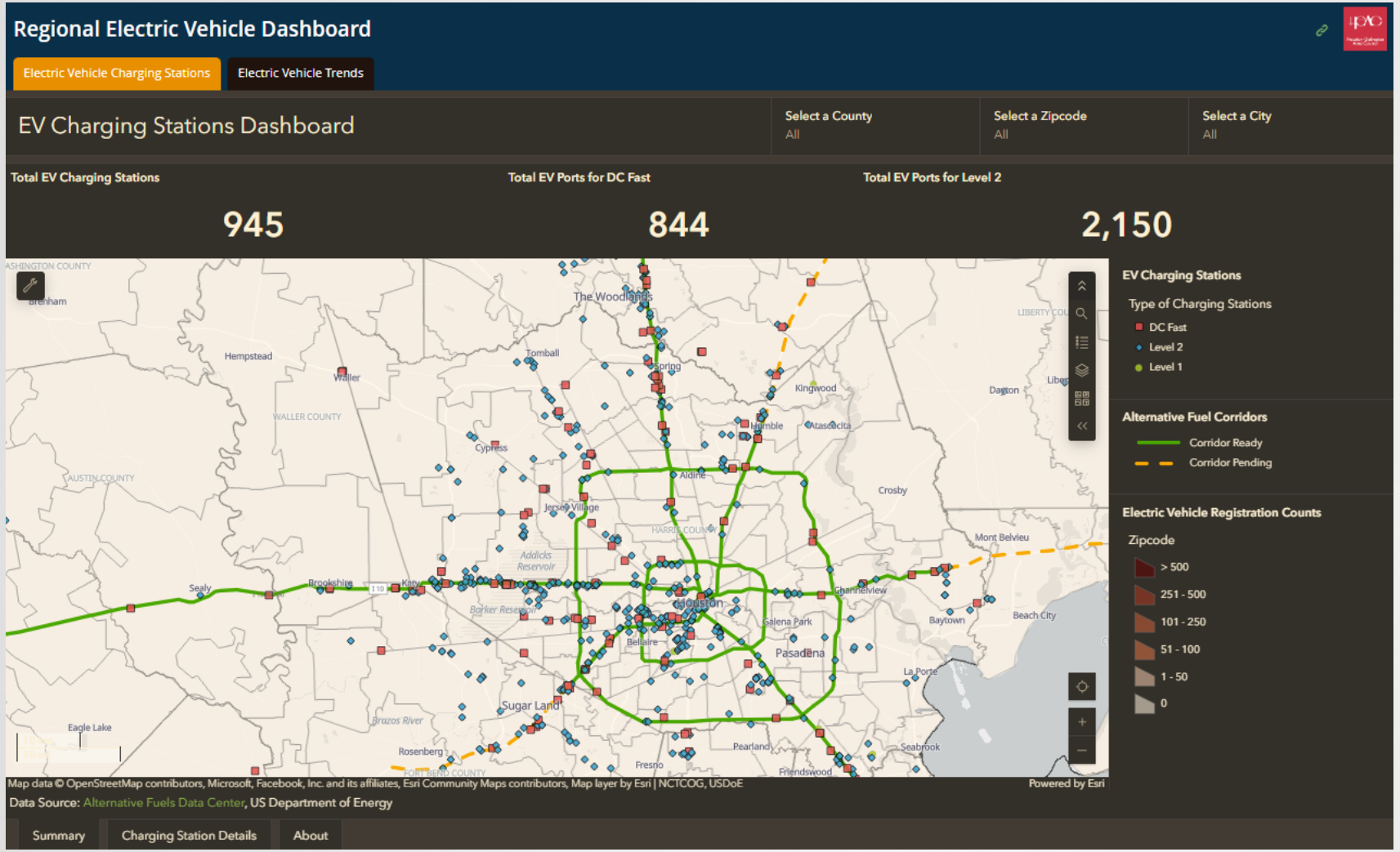
ZEV Webpage

- Will go live very soon
- Central home for agency's ZEV work, background info +





New and Improved Dashboard (Live Demo)



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