



Zero Emission Vehicle (ZEV) Infrastructure Plan



Vinny Polignano, Planner
TAQ Update #2

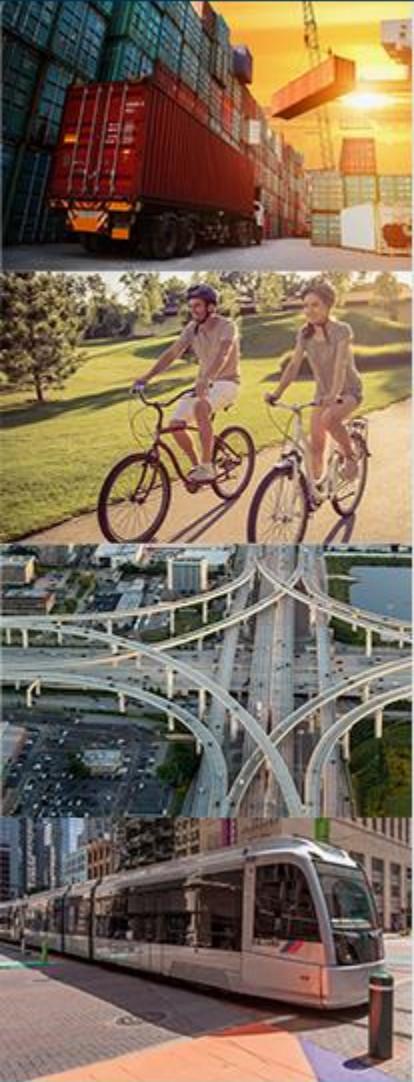
12/04/24

Regional Collaboration • Transportation Planning • Multimodal Mobility



Agenda

- Background
- Updates
 - Content
 - Communications
- Contact Information



Background

Unified Planning Work Program (UPWP)

- Sub-Task 5.5b *Air Quality Initiatives for Consumers and Communities*

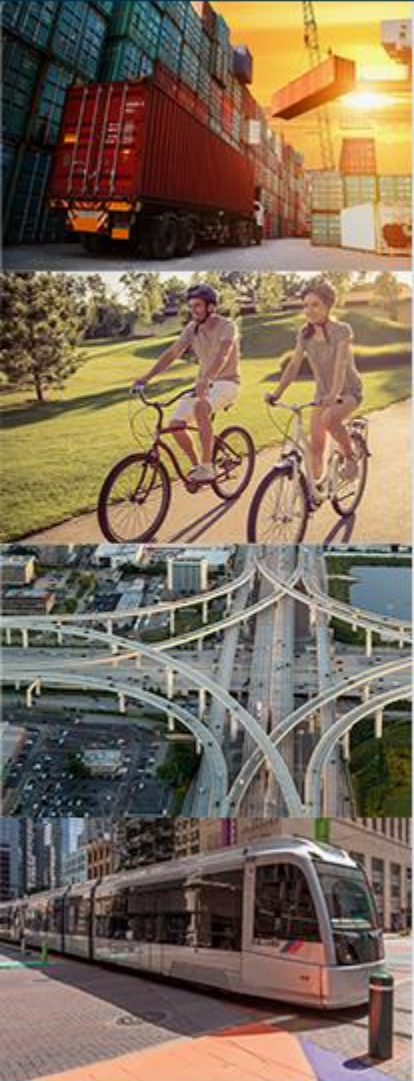
Develop a regional zero emission vehicle (ZEV) infrastructure plan to help guide the development of regional infrastructure needs...[to] include a study of existing and estimated future vehicle populations as well as the charging, fueling, and infrastructure needs related to these estimates... this study will also examine the potential regional emissions benefits associated with the ZEV transition.[And] will inform the development of alternative fuel charging grants...

Content drafting/creation

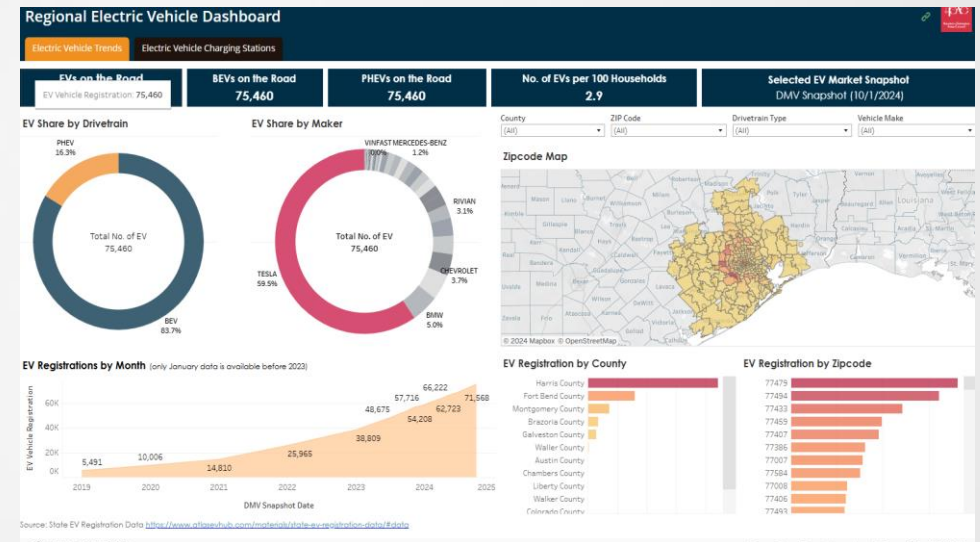
- Currently slated topics
 - BEVs/FCEVs background information/101
 - National trends (registrations, industry advancements, costs, investments)
 - State trends - ZEV uptake, manufacturing, state incentives
 - Regional conditions
 - AQ challenges, demographics/population, terrain/weather, electric capacity, etc.
 - Analysis - existing/planned siting, freight/passenger feasibility, AFC corridors, etc.



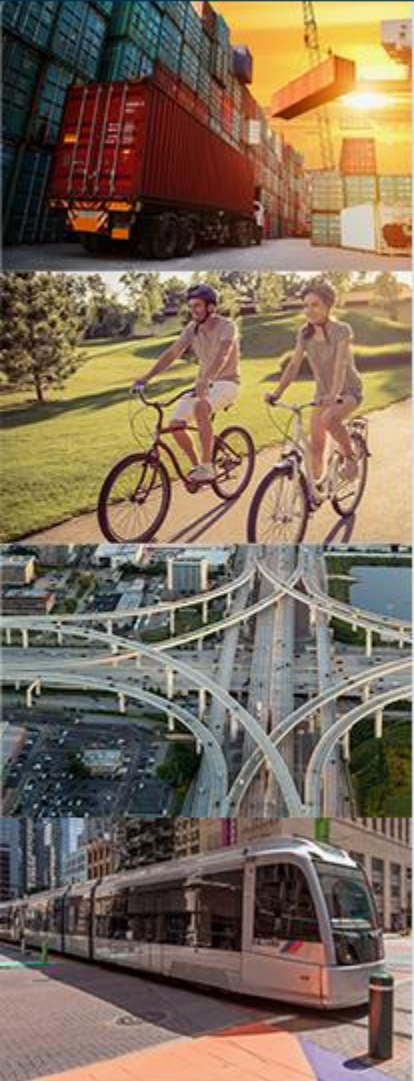
Content drafting/creation



- Moving on from background information drafting to local situation, expect us soliciting information and meetings
- Revamped H-GAC EV [dashboard](#)
 - What data are most useful (registration/charging stations)?
 - Proposed new data: one pane/multiple layers, charging density buffer, is make/model important?
 - Use cases/willingness to share tool with partners?

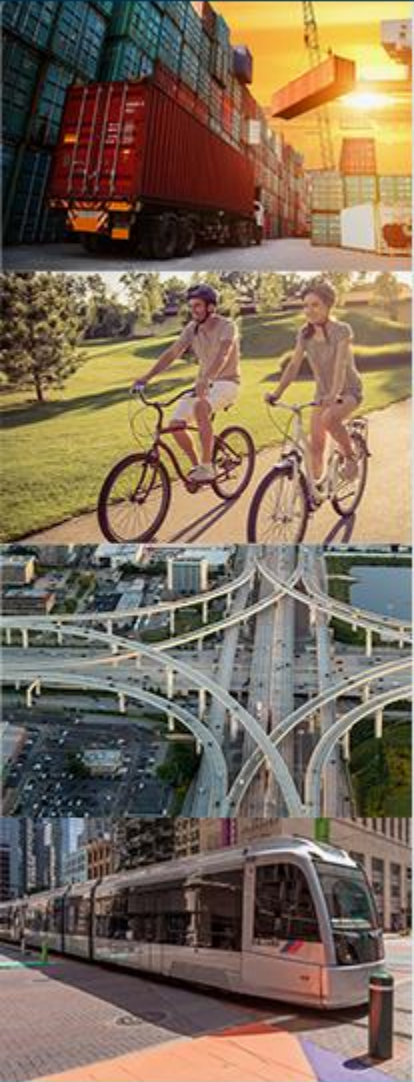


Communications



- ZEV Webpage
 - A central webpage on h-gac.com to house interim deliverables, existing tools/materials (i.e. revamped EV dashboard)
 - Solicit feedback (interactive map, surveys)
- One-page factsheets
 - Can better acquaint folks with H-GAC doing this work, provide vetted information ahead of a final deliverable
 - Charging (levels, plugs)
 - Fire safety, battery lifecycle, etc.
 - What else might be useful to your groups? What are you frequently asked?
- Public & stakeholder involvement

Contact Information



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