

Global states and regions commit to zero emission transportation

In the coming years, we have an unprecedented opportunity to transform our transportation systems. Greater availability and lower prices for new clean technologies, like electric vehicles, will provide us with a chance to cost-effectively move away from traditional internal combustion engine vehicles to cleaner, better options for consumers.

The transition to zero emission vehicles (ZEV) will improve the quality of life in our communities, at the same time helping to address the threat of global climate change. ZEVs produce no tailpipe emissions, leading to cleaner air and better health, while also reducing greenhouse gas (GHG) emissions. They also represent emerging industries that will be engines of growth in our economies.

For these reasons, and recognizing the urgent need for climate action to achieve the goals of the Paris Agreement, we commit to **take action and strive to realize 100% zero emission passenger vehicle purchases before 2050.**

We will achieve this through a comprehensive strategy to encourage ZEV adoption in the coming years, including all three of the following:

- 1. Leading by example through public sector ZEV adoption by:**
 - Converting all appropriate public fleet vehicles* to ZEVs by 2030, or:
 - Procuring only ZEVs for appropriate public fleets* by 2030
- 2. Providing incentives for the purchase of ZEVs by consumers and businesses** (see Appendix for list of actions)
- 3. Promoting the roll out of ZEV charging and fueling stations** (see Appendix for list of actions)

As part of this commitment, we will report annually on our ZEV progress through the **CDP States & Regions Platform**. We will also work alongside like-minded cities and businesses in our jurisdictions, as well as our international partners in the **Under2 Coalition** and **ZEV Alliance**, to make this goal a reality.

* where equivalent zero emission vehicles are available

Appendix

Governments may provide more information below and indicate which of the following actions they are undertaking to strive to realize 100% zero emission passenger vehicle purchases before 2050.

1. Leading by example

What is your target for public fleet conversion/procurement (please include target year)? Converting all appropriate public fleet vehicles and procuring only ZEVs for appropriate public fleets by 2030.

Which public fleet vehicles are you aiming to convert to ZEVs or to procure from ZEVs (e.g. only passenger vehicles, specific vehicle classes, etc.)? Transit buses, light-duty passenger vehicles, heavy-duty and specialized equipment (where appropriate ZEVs are available).

Approximately how many vehicles does this represent by target year? 350 transit buses and 2,300 fleet vehicles and equipment.

What is the current percentage of ZEVs in your concerned public fleets? Approximately how many vehicles does this represent? 0 percent. However, the Transit Division has entered into an agreement with Build Your Dreams Motors, Inc., to purchase five electric buses. In addition, the Fleet Services Division is currently exploring the purchase of electric vehicles for the fleet in Fiscal Year 2019 and subsequent years.

2. Providing incentives for the purchase of ZEVs by consumers and businesses

Which of the following action will you take to provide incentives for the purchase of ZEVs by consumers and businesses? Please feel free to provide more information for each action.

- Financial incentives for the purchase of ZEVs by consumers
- Financial incentives for the purchase of ZEVs by companies
- Technical assistance and support for companies
- Awareness raising and outreach campaigns
- Regulatory incentives (e.g. efficiency standards): Click or tap here to enter text.
- Non-monetary incentives (e.g. streamlined permitting, HOV lane access, etc.): Click or tap here to enter text.
- Others: Click or tap here to enter text.

Comments: Broward County is a founding member of the Southeast Florida Regional Climate Change Compact, which annually agrees upon and issues shared policy and legislative goals, including state and federal electric-vehicle incentives.

3. Promoting the roll out of ZEV charging and hydrogen fueling stations

How many public ZEV charging/fueling stations does your region currently have? 113, according to Chargehub; 104, according to PlugShare.

Do you have a target number of public ZEV charging/fueling stations (and by which target year)? Broward County's "All Charged Up and Ready to Roll" initiative anticipates the installation of 50 additional charging stations by 2021, another 75 by 2022, and further 300 within ten years.

Which of the following action will you take to promote the roll out of charging/fueling stations? Please feel free to provide more information for each action.

- Installing – or supporting the installation of – ZEVs charging infrastructure at appropriate public buildings and spaces (e.g commuter lots)
- Installing – or supporting the installation of – charging infrastructure on major highways
- Supporting the installation of workplace charging infrastructure
- Supporting the installation of home charging infrastructure
- Others: Click or tap here to enter text.

Comments: Click or tap here to enter text.

Lead government department or agency for this challenge: Broward County Environmental Planning and Community Resilience Division

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