



# Future of E-Mobility and Energy Transition

## Biden-Harris Climate Plan - Green Infrastructure Stimulus

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# Biden-Harris Administration's Top 4 Pillars

Immediate priorities on Day 1

**BUILD BACK  
BETTER**

- 1 Control the spread of COVID-19 and distribute the vaccine
- 2 Rebuild the economy
- 3 Institute racial equity
- 4 Address climate change

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- 1 Control the spread of COVID-19 and distribute the vaccine
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- 4 **Address climate change**  
**Big Goal:** Achieve 100% net-zero emissions by 2050  
**Stimulus:** \$2 trillion



# Key strategy of green infrastructure stimulus: linking climate to economic recovery and equity

**REDUCE EMISSIONS**

**CREATE JOBS &  
DEVELOP WORKFORCE**

**BUILD A MORE  
RESILIENT NATION**

**ACHIEVE  
ENVIRONMENTAL  
JUSTICE**



# What's included in the stimulus:

## EVs & ICE Replacement

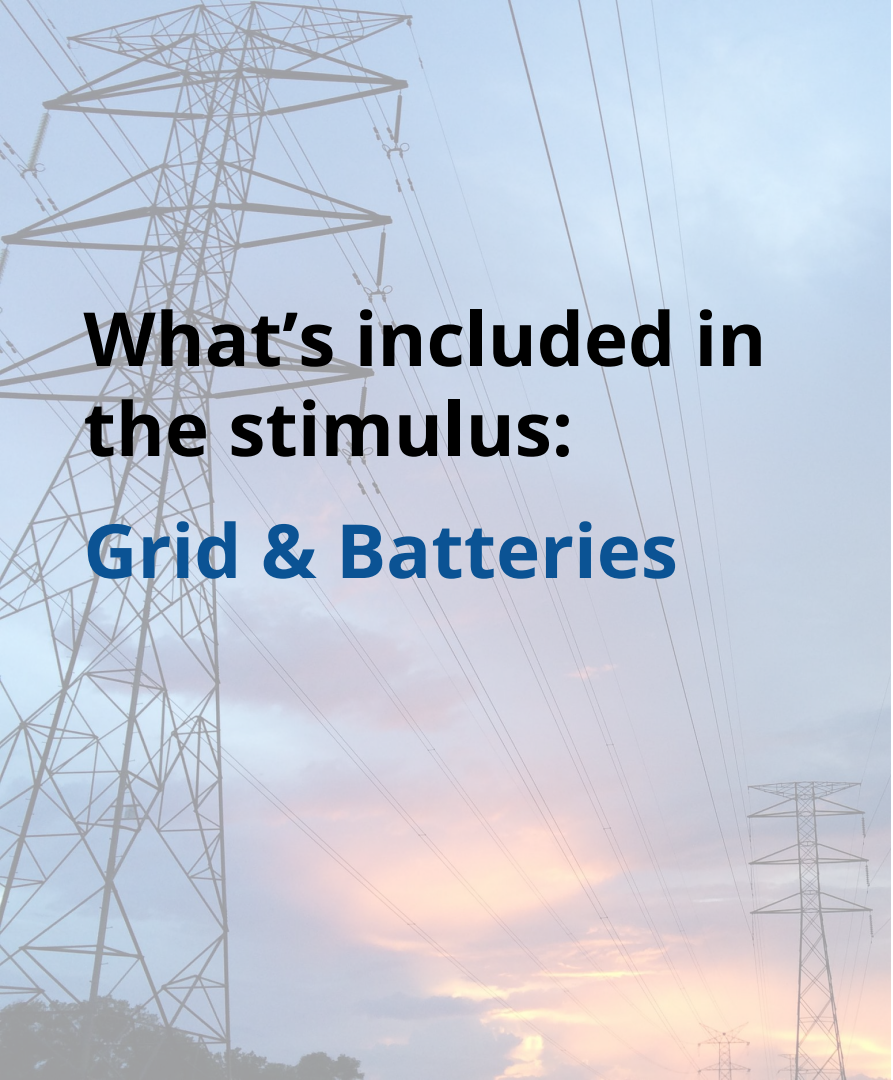
- Develop rigorous new fuel economy standards aimed at ensuring **100% of new sales** for light- and medium-duty vehicles will be **electrified**
- “Cash for Flunkers” - Transition the **government fleet** to **100% clean energy** vehicles
- Restore the full EV **tax credit**, targeting towards the middle class and prioritizing the purchase of vehicles made in America



## What's included in the stimulus:

### Charging Infrastructure

- Work with governors and mayors deploy **500,000+ new public charging outlets** by the end of 2030
- Stimulate **new construction jobs** and **train workforce** on new skills



# What's included in the stimulus: **Grid & Batteries**

- Strengthen our **electric grid's capability to deliver renewable energy** from the production site to all geographies
- Invest in **clean energy supply chains and supply chain resilience** in the US, addressing issues like reliance on rare earth minerals
- Establish Advanced Research Projects Agency on Climate (**ARPA-C**) to accelerate research on clean energy technologies including **grid-scale storage**

# What's included in the stimulus: Transit



- Build the public's **confidence to ride transit again** through federal mandates and investments in safety measures
- Provide every city with 100K+ residents with **high-quality, zero-emissions public transit**, from light rail to bus lines to infrastructure for pedestrians and bicyclists
- **Spark the second great railroad revolution**, establishing connectivity between sister cities and electrifying the rail system



A glass sphere sits on a wooden surface, reflecting a cityscape. The background is a blurred city scene.

# What's Next in E-Mobility?

1. The convergence of new government stimulus, decreasing battery costs, and increasing public perception of EVs, we have **finally** reached the **tipping point** on passenger EVs.
2. The surge in demand for EVs will also motivate investments in **next-generation battery technologies, electric grid, fleet transition services, charging infrastructure and platforms, and new favorable tax credits.**
3. We will see more EV form factors that are **purpose-built** for **specific use cases** such as inner-city deliveries, ridehailing, and middle-mile logistics -- primarily enabled by partnerships between the private sector and new entrant OEMs.
4. Urgency in deploying climate tech could potential spur a new **Federal Infrastructure Bank and other unique financing opportunities.**