The Economics of EVs and the Roles of Government

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### Standards and Goals

<table>
<thead>
<tr>
<th>Year</th>
<th>Goal Description</th>
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| 2020  | U.S. – Reduce GHG emissions by 17% of 2005 levels  
Germany – 1 million EVs on the road |
| 2025  | California – 15% of sales – ZEVs  
1.5 million ZEVs/PHEVs on the road  
U.S. – 54.5 MPG |
| 2035  | U.S. – 80% renewable energy |
| 2050  | California – GHG 80% below 1990 levels |
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Incentives

* At Purchase
  * Trade-Ins
  * Taxes
  * Charging Facilities
  * Free ___________