



Measures for the Promotion of Electric Vehicles

Publication

[Report](#)

Citation

Velten, Eike Karola, Stoll, Theresa; Meinecke, Lisa (2019): Measures for the promotion of electric vehicles. Ecologic Institute, Berlin. Commissioned by Greenpeace e.V.

The introduction of electric vehicles (EVs) is one way to significantly reduce emissions from cars — if combined with a transition to a renewable electricity system — thus helping countries meet their climate and air quality goals. Numerous governments around the world have already implemented or are considering measures to accelerate the uptake of EVs.

This study, commissioned by Greenpeace, analyses a range of existing measures that have a direct impact on the increased uptake of electric passenger cars with respect to 1) the measures' overall effectiveness in incentivising EV purchases; 2) the ease of administering them; 3) affordability for governments; and 4) the consistency with other goals, mainly with the goal of reducing traffic.

The main findings of this study are:

- Making charging infrastructure available is crucial.
- Prescribing the use of EVs or phasing out internal combustion engine cars is most effective.
- Any support scheme needs to reflect rapid changes in the electric mobility sector.
- Combining measures and sequencing them over time is key for inducing full market transformation.
- Financial benefits for EVs are most effective when combined with disincentives for internal combustion engine cars.
- Governments should promote their EV support measures, ensuring their maximum usage.

The full study is available in English; the executive summary can be downloaded in different languages.

Language

English

Authorship

[Eike Karola Velten](#)

Theresa Stoll

Lisa Meinecke

Laurens Duin
Selma Clara Kreibich

Funding

[Greenpeace Germany](#), Germany

Published by

[Greenpeace Germany](#), Germany

Year

2019

Dimension

53 pp.

Project

[Measures for the Promotion of Electric Vehicles](#)

Project ID

[3564](#)

Table of contents

Executive Summary

1 Introduction

2 EV quota for car companies

3 Bans of new internal combustion engine cars

4 Public and private procurement provisions for EVs

5 Grants for the purchase of EVs

6 Tax benefits during EV purchase or registration

7 Tax benefits for electric company cars

8 Exemptions or reductions from the circulation tax

9 Free parking and access to bus lanes for EVs

10 Financial support and requirements for charging infrastructure

11 Conclusion and key findings

12 Bibliography

Keywords

[Consumer Policy](#)

[Energy](#)
[Evaluation](#)
[Mobility](#)

Mobility, Electric Vehicles, Electromobility, Policy evaluation, Energy transition,
Transport sector, Charging Infrastructure, Incentives, quota, measures
global with focus on EU28
Literature Review

Source URL: <https://www.ecologic.eu/16599>