

Proposals to Boost Electrification and Sustainable Mobility in Spain

Spain is one of the European countries with the lowest electric vehicle penetration, with **only 5.2% of passenger cars being electric, compared to the European average of 15%.**

The transport sector generates one out of every three tons of CO₂, making electrification a key area to **meeting the PNIEC's climate objectives.**

What Limits the Adoption of Sustainable Mobility in Spain?

1. High cost of electric vehicles and inefficient public subsidies discourage demand.
2. Insufficient and poorly distributed charging infrastructure leads to mistrust among users.
3. Bureaucracy and lack of coordination among administrations delay electrification projects.
4. New mobility models, such as carsharing or leasing, struggle to expand beyond major cities.
5. The electric transition requires training to build skills for the new industry and ensure a just labor transition.
6. The absence of a clear framework for environmental labeling creates uncertainty for manufacturers and consumers.

How Can These Barriers Be Overcome?

- Idea 1**

Reform public subsidies programs within the Plan MOVES to make the purchase of electric vehicles faster and more accessible.
- Idea 2**

Deploy a comprehensive charging infrastructure plan ensuring coverage, interoperability, and fair tariffs.
- Idea 3**

Promote a green tax reform that removes benefits for fossil fuels and rewards clean mobility.
- Idea 4**

Launch a fast-track plan to electrify corporate fleets through public-private financing and incentives.
- Idea 5**

Implement a social leasing program to facilitate access to electric vehicles for middle- and low-income households, especially in rural areas.
- Idea 6**

Promote carsharing and other forms of shared mobility in rural and peri-urban areas.
- Idea 7**

Create a digital single channel to coordinate policies, procedures, and information across sectors.
- Idea 8**

Develop a just transition strategy that retrain workers and promotes green jobs.
- Idea 9**

Establish a national observatory to monitor progress and communicate incentives transparently.



These are the conclusions of the working group “**Analysis of Electric Mobility in Spain**”, promoted by **alinnea**, dedicated to identifying key barriers and developing proposals to strengthen the climate resilience of the transport sector.

The full report is available here:

