

Ministry of Environment & Energy



*ACTION BY THE MINISTRY OF
ENVIRONMENT & ENERGY TO PROMOTE
ELECTROMOBILITY*



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Necessity



Promoting e-mobility is a key priority of the Government and the Ministry of Environment and Energy





National Energy and Climate Plan

Key projections:

- **Expansion of the electric vehicle fleet:** The NECP sets ambitious targets for increasing the number of electric vehicles on the roads. In particular, the updated NECP (2025-2030) emphasizes the electrification of passenger cars, small vehicles and motorcycles, with assumptions for other types of vehicles.
- **Development of charging infrastructure:** The plan includes the development of the charging network to support the increase in electric vehicles.
- **Support for municipalities and cities:** The NECP provides for measures to support municipalities in mobility management and citizen awareness, in order to fully exploit the potential of electromobility

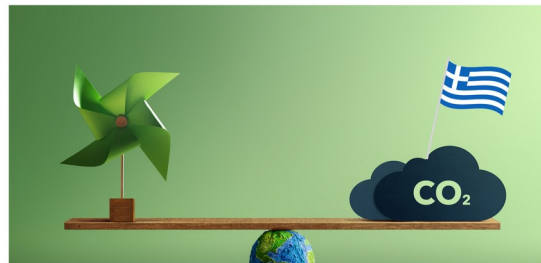


Εθνικό Σχέδιο για την
Ενέργεια και το Κλίμα

NATIONAL CLIMATE LAW

Key provisions:

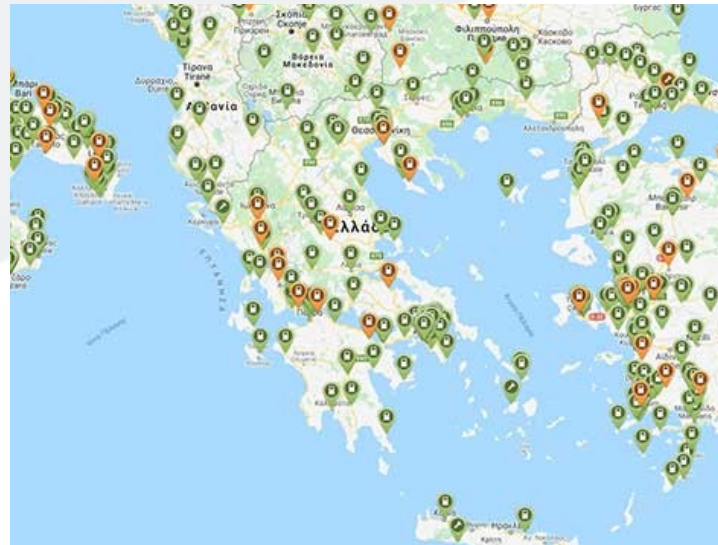
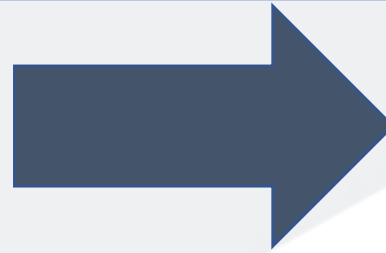
- **Company vehicles:** From 2023, at least $\frac{1}{4}$ of new company vehicles acquired (through purchase or leasing) must be electric or plug-in hybrid.
- **Light commercial vehicles:** All new light commercial vehicles registered must be electric by 2035, with additional targets for the taxi fleet in Athens and Thessaloniki.
- **Charging infrastructure:** The development of charging infrastructure is being strengthened.
- **Necessary incentives:** Financial incentives are provided, such as the regulation of tax depreciation for investments related to electromobility.
- **Dependent technologies:** At the same time, the use of renewable energy sources and the energy upgrade of buildings is being promoted



The Problem

How to find in an urban area:

- (a) the required number of charging points for electric vehicles ?
- (b) where will the chargers be installed to better serve all users?
- (c) how many charging stations must each have in order to achieve the highest degree of service?



The challenge

A road map for the location of parking spaces and charging of electric vehicles throughout the territory is established by a decision of the Minister of Environment and Energy

ELECTRIC VEHICLE CHARGING PLAN



Holistic and Organized location of charging points for electric vehicles in cities through the creation of an "Electric Vehicle Charging Plan"



ELECTRIC VEHICLE CHARGING PLAN

- Each municipality (or association of neighboring municipalities) is required to take into account the traffic, spatial and urban characteristics of its area of responsibility, as well as any existing plans, such as Sustainable Urban Mobility Plans (SUMP).
- Based on the forecasts for the penetration of electric vehicles in each municipality, the necessary number of publicly accessible charging infrastructures required to meet the charging needs of residents and visitors will be calculated and alternative scenarios for the location of these infrastructures will be developed.
- In any case, 1 charging station/1000 residents is mandatory.





ELECTRIC VEHICLE CHARGING PLAN

- For the location of the charging points, the requirements for connecting the infrastructure to the network of the National Electricity Distribution Network Operator will be taken into account, among other things.
- The scenarios for the location of the infrastructure will be the subject of consultation with local professional, collective and other involved bodies, and the most appropriate one will then be selected.
- Immediately after the preparation of the EVChPs, and now having a complete picture of the required charging infrastructure in our cities, the Municipalities will proceed with the implementation of these plans, with the help of private initiative.





ELECTRIC VEHICLE CHARGING PLAN

- The preparation of the Charging Plans is financed from resources of the Green Fund.
- The budget amounts to approximately 7 million euros.



ELECTRICITY AND BUILDING REGULATIONS

- For new buildings with exclusive residential use and more than ten parking spaces, the installation of electrical wiring infrastructure, i.e. pipes, ducts, channels, etc. for the passage of electrical cables, is foreseen, so that it becomes possible at a later stage to install an electric vehicle recharging point in all parking spaces.
- In new buildings that are not intended exclusively for residential use, which have more than ten parking spaces, the installation of an appropriate electrical infrastructure and wiring systems is foreseen, so that at least one space for every five parking spaces can be equipped with an electric recharging point at a later stage.
- In new buildings with mixed uses (residential use and other uses), for the calculation of the number of required locations for installing EV recharging points, the provisions mentioned in the previous paragraphs are applied per use.



ELECTRICITY AND BUILDING REGULATIONS

- In existing buildings, the possibility of installing a separate shared supply, as well as the installation of cabling infrastructure and the installation and operation of an EV recharging point in a parking space of the owner or beneficiary of the exclusive use of a parking space, at the sole expense, responsibility and care of the latter, is provided for.
- The procedure to be followed by the owner or beneficiary of a parking space for the installation of an EV recharging point is expressly provided for, with the aim of the safe and legal placement of EV recharging points in existing buildings.
- Furthermore, a mandatory minimum number of parking spaces with a recharging point is set for existing buildings that are not intended for residential use and have more than twenty parking spaces, namely the installation of a minimum of one parking space with an electric vehicle recharging point per twenty parking spaces.



ELECTRICITY AND BUILDING REGULATIONS

- In existing buildings, for the connection of which the installation of a new transformer in the internal electrical installation is not necessary, approval of small-scale works is not required. The procedure is completed by completing the application/information form to HEDNO SA, which is accompanied by the installer's solemn declaration. On the contrary, when the installation of a new transformer is deemed necessary, approval of small-scale works is required. Finally, it is provided that fire safety measures are taken in all covered closed car parking spaces that have one or more EV recharging points.
- Special obligations are imposed on the State and the bodies of the wider public sector, so that they can set an example on the road to the electric transition. In this spirit, the mandatory location, installation and operation of a minimum number of E/C recharging infrastructures in vehicle parking lots (whether indoor or outdoor), where their services are housed and where the operation or construction of public parking lots is or has been foreseen, under the same conditions as those provided above for new and existing buildings, is established.





ELECTRICITY AND BUILDING REGULATIONS

- Authorization is granted for the issuance of a decision by the Minister of Environment and Energy or joint decisions of the Ministers of Environment and Energy and Culture and Sports, with the aim of regulating, respectively, the location of EV parking spaces and the installation of EV recharging points in traditional settlements and in listed buildings as well as in historical sites, archaeological sites or in the immediate vicinity of monuments protected by the provisions of Law 3028/2002 (Government Gazette 153), and in World Heritage Sites or in parts of cities or settlements that have been designated as historically listed monuments..





ELECTRICITY AND THE POWER GRID

- According to the latest data from 2024, Greece has recorded a significant increase in the adoption of electric vehicles. Registrations of pure electric cars increased significantly compared to the previous year. At the same time, plug-in hybrid models also showed a significant increase, strengthening the overall transition to cleaner mobility technologies
- In our country, the fleet of Electric Vehicles is constantly increasing, which has resulted in a corresponding increase in the electrical load, which is called upon to serve the electricity system, with the key role of the Electricity Distribution Network managed by the competent body. In this context and in accordance with the provisions of law 4710/2020, the body, with a view to ensuring the quality of its services provided, called on all holders of undeclared electric vehicle (EV) charging infrastructure, owners and managers of buildings, to immediately proceed with their declaration, through the application <https://apps.deddie.gr/ElectricMobility/> or to contact its customer service for any further information, at 800 400 4000.





ΥΠΟΥΡΓΕΙΟ
ΠΕΡΙΒΑΛΛΟΝΤΟΣ
& ΕΝΕΡΓΕΙΑΣ

THANK YOU FOR YOUR ATTENTION

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