

COVID-19 and Electromobility

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EU requirements

- Directive 2019/1161 on the promotion of clean and energy-efficient road transport vehicles
- European Strategy for Low-Emission Mobility
- National Energy and Climate Plans (NECPs)



Transformation of the transport sector

- i) Reducing emissions
- ii) Increase RES in transport
- iii) Promoting alternative fuels
- iv) Energy savings and efficiency
- v) Innovative technologies
- v) Promoting electromobility:
 - Developing infrastructure
 - Reducing costs



Going forward despite COVID19

- Announced ban on fossil fuel vehicles sale or production all over the world
- Increased demand for: e-vehicles, plug in hybrid, e-motorcycles, e-bicycles, e-scooters



Greek law on Promotion of e-Mobility

- Law no. 4710/2020 (OJ A'142/2020) and the Joint Ministerial Decision (OJ B' 3323/2020)
- organisation of the electric-vehicle market
- spatial planning arrangements for the development and installation of charging stations
 - i) publically available charging stations
 - ii) and free parking spaces for EV



Greek law on Promotion of e-Mobility – Tax Incentives

- exemption from paying of annual road tax, discount on expenses, faster amortization rate, exemption for tax on earning of employees (when provided vehicle by the employer);
- cost for charging EV to be deductible for income tax



Greek law on Promotion of e-Mobility – Env. Charges

- Environmental fee for emission-generating vehicles
- Environmental custom of € 4.000 for on import of used vehicles



Greek law on Promotion of e-Mobility - Subsidies

Subsidy of total € 100 mil. for those who apply until 31 December 2020 for individuals, legal entities and taxi drivers.

The subvention offered for the purchase of hybrid vehicles is smaller than the one offered for pure electric vehicles.

- a) 15%-40% of the price;
- b) €1.000 for replacement of old one;
- c) € 500 for purchase and installation of a home EV charger.



Greek law on Promotion of e-Mobility – Subsidies cont.

- **Individuals**
 - i) EV: 20% for cost up to €30.000, max. subvention €6.000, or 15% for cost €30.001-€50.000, max. subvention of €6.000
 - ii) e-motorcycles and three wheelers: 20% subvention e-bicycles
 - iii) e-bicycles: 40%, max. subvention of € 800
- **Enterprises:**
 - i) EV: 15% price of EV up to 50.000€, up to a max. subvention of €5.500 or
 - ii) plug-in hybrid vans (up to 3.5t): the same, max. subvention €4.000; e-motorcycles and e-bicycles
- **Taxi drivers:** EV or plug-in hybrid vehicles



Response

- Social response
- Increase of sale (2019 – e-vehicles only
0.42% of the total annual sale, 2020 14.8% of
the total 9 months sale)
- Waiting lists for e-scooters
and e-bicycles



Numerous concerns

- Environmental friendly: use of hydrocarbons to produce electricity for charging of batteries; recycling of batteries;
- high costs, charging infrastructure, life of a battery up to 8 years;
- Limited driving range, charging time, specialised mechanics.



Other regulatory and practical issues

- Traffic Code Requirements
- Infrastructure Requirements
- Other



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Thank You

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