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Doha: Qatar General Electricity and Water Corporation (Kahramaa) represented by the National Program for Conservation and Energy Efficiency (Tarsheed) has launched the Electric Vehicles and Charging Infrastructure Guideline in the State of Qatar on its website.

This guideline comes to support the establishment of the infrastructure regulations for electric vehicles in the country which will encourage the spread of these types of vehicles. This will contribute to the diversification of energy sources and the reduction of carbon emissions in the country.

The guide answers all questions related to the installation of electric vehicle charging units for both the government and private sectors, especially with regard to the selection of chargers, types of charging equipment, and general specifications and that must be available in any charger, including charging capacity, charging current, payment collection options, screen and display, charge-point protocol, IP rating, connection quality and warranty for hardware.

Kahramaa encourages the use of DC chargers for public places that take less than an hour to charge and may reach less than half an hour depending on the capacity of the device, which greatly affects the charging time.

For example, it is not recommended to install AC devices in public places that need fast charging. For example a device with a capacity of 11 kilowatts AC, can only be installed in places where the car can be parked for a period of more than six hours, such as if the car owner resides in a hotel, or lives in one of the residential developer's towers who can stay overnight or wait for that long period of time.

The joint work team between Kahramaa and the Ministry of Transportation and Communications issued this guideline and its technical specifications for chargers and infrastructure equipment is approved by Kahramaa, the exclusive provider of electricity in the country, as a supportive step to inform those who wish to install charging units for electric vehicles, whether in the governmental, commercial or industrial sectors.

Doha, Qatar: Qatar is a leader in electric vehicle (EV) charging infrastructure. As part of its ambitious goals under National Vision 2030, the country has embraced vast potential of connected, autonomous and electric vehicle technologies, providing the environment, facilities and investment needed to become one of the world's leading destinations for advanced mobility.

The Autonomous e-Mobility Forum hosted by the Ministry of Transport and organised by Just Us and Otto Marketing at QNCC, yesterday explored the future of autonomous electric mobility, bringing together experts and stakeholders for insightful discussions and demonstrations.

The Qatari government has been proactive in promoting EV adoption, evident through initiatives taken. The country's robust policy frameworks and consumer willingness are setting the stage for a transformative shift towards electric mobility.

Ahmed Samir Elbermbali, Managing Director Mena, CharIN (a leading association for e-mobility and EV charging) delivered the keynote speech on topic entitled "Global Electrification Trends" and shed light on empowering the next level of e-mobility.

Ahmed explained that governments in leading auto markets are accelerating Zero-Emission Vehicles (ZEV) transition through targeted action in five key policy areas. "Firstly, we started to see governments phasing out targets for internal combustion engine (ICE) vehicles by setting a very clear vision on when the phase out will happen, how it will happen and what is the role of the private sector versus the government in the transition."

The second measure that "we started to see is binding regulations for introducing new models and that by default would increase uptake of EVs. The third one, which is important is the financial incentives and we have seen in different markets, especially in Europe and the US, financial incentives have a very clear and glowing target."

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