

Porto novo electric vehicle policy

Porto City Hall has just received 12 new electric vehicles for the maintenance of green spaces in the city, while awaiting the delivery of two small road sweepers, electrically powered as well. This is the crowning moment of the application process to the Environmental Fund, an important support to the replacement of the municipalities' urban ...

A Dongfeng e a VOYAH chegam a Portugal em 2024, contando com seis concessionários; ao final do presente ano, com Lisboa e Porto em operação, e com o objetivo de cobertura nacional durante o ...

The new vehicles have a 250 kilometres autonomy and will allow a reduction of 441 tons of carbon dioxide emissions per year. Five more fully electrically powered buses are already circulating throughout the network, which the Sociedade de Transportes Coletivos do Porto (STCP) acquired to reach the target of 40% of an all-electric fleet by the ...

Porto outperformed itself by setting the goal of climate neutrality by 2030. This ambition was one of the lessons learned from our emission reduction policies and the climate change adaptation strategy, which allowed us to have the comfort of the path taken and the success of reducing greenhouse gas emissions.

Reaching a trajectory consistent with the IEA Sustainable Development Scenario will require putting 230 million EVs on the world's roads by 2030. For EVs to unleash their full potential to combat climate change, the 2020s will need to be the decade of mass adoption of electric light-duty vehicles.

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One of the biggest barriers to mass adoption of EVs is being overcome thanks to the introduction of affordable two-way charging systems which allow electric vehicles to become part of a smart power grid.

Renault has been running a 20-vehicle testbed project on the sunny Portuguese island of Porto Santo for the last 15 months. Since February 2018, islanders have been driving a fleet of Renault Zoes and Kangoo vans with access to a network of 40 chargepoints around the island.

Using two-way Vehicle-to-Grid (V2G) charging technology, the vehicles recharge when plugged in with cheap, abundant electricity, but at times of peak demand, the EVs release electricity back into the grid.

The scheme is part of the Sustainable Porto Santo project, initiated by the island's autonomous government



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with the aim to turn the 42 km² island into Europe's first zero-carbon territory. Currently, 15% of Porto Santo's electricity comes from solar and wind generation because there has been no easy way to store excess energy generated on the sunniest and windiest days. It is hoped that the project will help increase this to 19%.

As more and more of Europe's energy is generated from renewable sources like wind, solar, wave and tidal power, the case for a smart energy distribution grid becomes more urgent.

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