

E-Mobility – The vision of Enedis and Renault



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Départements de Mécanique

E-mobility is perhaps one of the most transformative changes taking place in the energy sector. Transportation sector is responsible today for about a third of greenhouse gas emissions. Electric and rechargeable hybrids vehicles supported by a low-carbon power production mix can be a major contributor towards a neutral-carbon economy. Last year in France the decision to stop by 2040 the marketing of vehicles emitting greenhouse gases has been taken, and the goal set for 2022 is to reach 1 million electric and rechargeable hybrids vehicles and 100,000 charging points accessible on the public domain – 5 times more than today.

ENEDIS is already an actor committed in e-mobility development. We connect electric charging points which represents hundreds of MW of distributed power - and with much more to come, it is quite easy to understand the potential interest for the power system to optimize charging point locations as well as develop smart charging solutions. Also as a company engaged in sustainable development, we experiment ourselves e-mobility every day with our electric corporate fleet – the second largest in France.

Our ambition is based on several convictions. First, French and European EV fleet is going to grow dramatically – even if there are still uncertainties on the rate of development. Second, E-mobility is a collective challenge: no actor alone holds the key to success. Third, we will learn by doing!

We, at Enedis, are deeply convinced European DSO's have a key role to play in future EV developments. We have to anticipate and prepare ourselves for the day when the number of electric vehicles skyrockets, in industrializing the key points for the future like, for example, intelligent management and system optimization, interoperability, and cybersecurity.

RENAULT, number 1 in electric vehicles across Europe – text not received

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