



Design out the box



Electric Car Charging

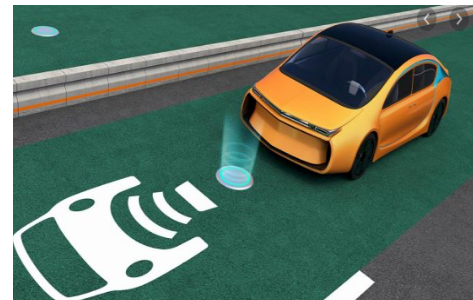
CONTEXT

In the face of rising CO2 emissions and increasingly scarce fossil fuel resources, electro-mobility is taking the lead in creating an integrated climate, energy and mobility strategy for our changing society. Norway's capital city of Oslo will be the world's first metropolitan area to install wireless, induction-based charging stations for electric taxis, in a bid to make a zero-emission cab system

DESIGN TASK

"The future is electric, and it is already here, right now. The UK Government's ambition is to end the sale of petrol and diesel cars by 2040. An increasing number of Electric Vehicle (EV) drivers require public charge points: approximately a third of households in the UK do not have a driveway or garage and cannot install a home charge point, and there are plenty of other drivers who want to 'top-up' their battery while away from home.

You are to design a charge point that is to be implemented at the side of the road on the UK streets so when parking you can charge an electric vehicle.





Electric Car Charging

Idea 1

Idea 2

Idea 3

Idea 4



Electric Car Charging

TASK

Draw a 3D version of your final idea.

3D Final Idea



Electric Car Charging

TASK

Draw a 3D version of your final idea and how it would look on the street shown below...

3D Street View

