

The Edinburgh Electrical Society hear about Tracked Electric Vehicles

At a recent meeting of the Edinburgh Electrical Society, a PhD student from Newcastle University explained to the members about the Tracked Electric Vehicle project which he is working on.

Mr Saleh Ali works with Professor Volker Pickert and his team which is a partnership between Newcastle University and TEV Project which is Scottish based.

The project aims to advance road infrastructure and the way people travel. Mr Ali told the meeting that TEV's restricted-access tracks with side barriers provide incomparable safety aimed at carrying conventional passenger EVs.

The difference between TEVs and other urban trains is that they will move more quickly than trains – and passengers will be in the comfort of their own cars. There is improved efficiency due to a convoy system and a reduced number of junctions, with electric power directly delivered to the electric motors. The vehicles move along a prefabricated track costing less than a rail or motorway. The compact design allows for smaller bridges and tunnels with elevated tracks in some instances, and so the overall costs are lower with zero emissions.

Caroline Jones Carrick created [TEV Project](#) with her father, Will Jones, a battery expert and inventor, bringing their vision for a next-generation motorway with the ability to

charge electric vehicles as they travel.

The innovative [project](#) is teaming up with Professor Pickert and Newcastle University to bring their zero-emissions concept to life.

Alex Lumsden, Secretary of the Edinburgh Electrical Society said that the society celebrates its centenary this year. He said :“The Edinburgh Electrical Society is proud to be celebrating its 100th year in 2019 and has always consisted of people engaged in or interested in the Electrical Industry. The purpose of the club is to afford our members the opportunity to learn about new initiatives and interesting subjects in the field. Saleh Ali’s presentation of such a complex subject matter as TEV Project was excellent and we wish TEV all best wishes for the future of the project”.