



FALL VIRTUAL CONFERENCE

S2.9: Electrification of Mobile Transport and Its Effect on the Filtration Applications

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ABSTRACT

Government regulations across the globe are enacting more and more stringent policies on pollution and CO₂ emissions. Vast quantities of pollutants and CO₂ are being generated from the use of energy produced from fossil fuels. In response to ever growing research and data on the detrimental effects of these on our climate, major reductions are being called for as early as 2030.

This short presentation will attempt to highlight the effect that development and acceptance of alternative energy sources in the mobile transport markets will impact the filtration industry.

The advent of Electric Vehicles (EVs) utilizing battery technology, and H₂PEM Fuel Cells are already quickly gaining ground in Europe and Asia. As these technologies continue to advance and the commercialization and customer acceptance continues to grow (along with the necessary infrastructure) we will see a shift in the filtration, separation and purification applications currently being appreciated in today's world.