

# ULEMCo

ultra low emission mileage company limited

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**Capability:** ULEMCo are pioneers of technologies that enable commercial vehicles to run off hydrogen. Focused on customers that operate HGVs and LGVs, they provide practical solutions for the deployment of hydrogen vehicles, **here and now**, that will deliver significant reduction in fleet-wide carbon emissions.

ULEMCo's initial product, is the globally unique hydrogen dual-fuel approach, H2ICED<sup>®</sup>, that allows hydrogen to be mixed with diesel directly in a conventional engine, supplied via onboard gas tanks, in volumes that displace between 20-50% of the energy from diesel. This gives a direct tailpipe CO<sub>2</sub> emission savings based on the comparative use of zero carbon hydrogen instead of diesel.

Longer term the company is developing other zero-tailpipe emission vehicle options such as HyICE<sup>®</sup> 100% hydrogen zero-emission combustion and fuel cell range extension such as the FC Rx™ fuel cell power module which will double the range of base electric vans like EV.



**Case Studies:** Refuse Trucks, Road Sweepers and Transit Vans, are just some of the example vehicles we have operational on the road, today, with customers such as Aberdeen City & Glasgow City Council, Grundon Waste, Yorkshire Water, Hydra (Canada).

