

Fuel cell buses in Europe: latest developments and commercialisation pathway

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Many cities across Europe and beyond face similar environmental challenges, in particular the need to address poor air quality and reduce greenhouse gas emissions. Often these challenges are exacerbated by increasing populations in cities, which lead to higher demands for energy and services, including public transport.

Hydrogen fuel cell buses offer much promise as a zero emission public transport solution, with performance comparable to diesel vehicles in terms of range and refuelling time. Various European demonstration projects have proved their suitability and technical readiness for larger scale deployment and a process to commercialise this technology is now underway based on aggregating demands to unlock economies of scale in the supply chain.

This presentation will cover the latest developments in the fuel cell bus sector, key conclusions from the major demonstration projects undertaken across Europe, remaining challenges, and progress towards overcoming the obstacles to further roll-out of the technology. The audience will be given unique insights into the fuel cell bus commercialisation process from an expert working at the forefront of this evolving sector.