

Looking at hydrogen and other alternative fuels across different transportation modes, and understanding their role as environmentally sustainable alternatives

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Abstract

Renewable energy stands as a leading priority in contemporary policy, research, and engineering endeavours. However, certain potential energy sources need extensive further research or substantial infrastructure development before they can be effectively integrated. Such is the case with hydrogen and other alternative fuels. This presentation aims to assess hydrogen's viability as a future fuel source for maritime transport based on a case study utilising Life Cycle Assessment, and additionally showcase other alternative fuels potentially applicable for transportation.