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2021 WORLD FUEL CELL CONFERENCE

AUGUST 17-20, 2021 | WATERLOO, CANADA

Name	Prof David Hart	
Affiliation	E4tech	
<h2 style="color: red;">Invited Plenary Lecture</h2>		
Presentation Title	How fuel cells can help both recovery and climate in a post-covid world	
Abstract (Approximately 200 words)	<p>Fuel cell shipments have been on an upward trajectory for a decade. The signs at the end of 2019 suggested further strong growth in 2020. But as the COVID-19 pandemic took hold, orders dropped. As they picked up, supply chains were disrupted and manufacturing delayed. Nevertheless, the final shipment figures in our Fuel Cell Industry Review did still show an uptick over 2019 – a very strong sign of the increasing competitiveness of fuel cells in different end uses and markets.</p> <p>This is a good sign for future sales, but particularly promising is the increasing political and industrial realization that fuel cells can play an important part in post-covid economic recovery as well as in the battle against climate change. The role of the fuel cell industry in creating and maintaining jobs, in replacing existing but more polluting technologies as drivers of industrial growth, and in accelerating a shift to lower-carbon and zero-emissions applications will be essential as society reinvents itself post-covid.</p> <p>This talk will put the fuel cell industry into its post-covid context, and suggest what steps might be taken to ensure it plays the fullest possible role.</p>	
Biographical Sketch (Approximately 200 words)	<p>David Hart is a Director of E4tech, a Switzerland- and UK-based business consulting company specialising in sustainable energy, and a Visiting Professor at Imperial College London. He is responsible for E4tech's fuel cell and hydrogen energy practice, and has been an advisor, consultant and researcher on fuel cells and hydrogen energy for 25 years, leading and conducting projects in different industry sectors for governments, corporations and investors worldwide. Current work includes support for major energy players in developing hydrogen strategies, analysis of supply chain opportunities for specialists in the fuel cell industry, and policy options for economic growth based on hydrogen and fuel cell deployment. David has sat on venture capital investment committees and clean energy company boards, is a Director of the International Association for Hydrogen Energy and is lead author of E4tech's widely-respected Fuel Cell Industry Review.</p>	