



## ABOUT US

Future Energy Innovations was founded in Houston, TX by Marc Abbott and now located in Calgary Alberta is a research and technology advisory renowned for work in emerging energy technologies and artificial intelligence. We provide practical and real-world guidance to corporations, academia and other research organizations. We have a long record of creating successful partnerships through translating client research and development to commercial benefits.



## Future Energy Innovations

### Contact Us For More Info



Marc Abbott, President & Founder



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Calgary, AB



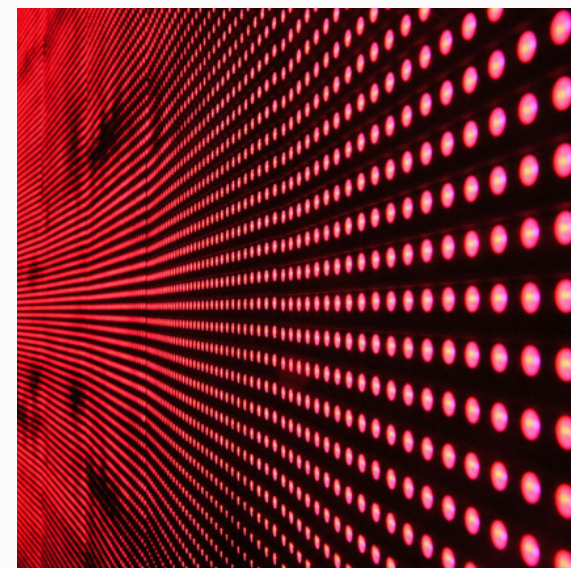
Marc.Abbott@futureenergyinnovations.com



<https://futureenergyinnovations.com/publications-1>

## RESEARCH AND TECHNOLOGY ADVISORY

Our team leverages decades of experience in chemical and catalyst engineering, fuel technology, hydrogen manufacturing, and computer science. We create and deliver solutions that empower individuals and clients with the knowledge to make the right choices for a sustainable energy future.





## AREAS OF EXPERTISE

Direct Air Capture & Storage  
Thermal Storage Systems  
Harnessing Artificial Intelligence  
Water Electrolysis  
Low-Carbon and Synthetic Fuels  
Thermoelectric Generation  
Chemical & Catalyst Technologies  
Educational Courses in Technology

## KEY CLIENTS

- 01** Ochius Fuels Technology
- 02** Vanguard Resources Alberta



Future Energy Innovations

## OUR MISSION

Future Energy Innovations was founded to tackle the challenges that ignite our passion in the energy transition and artificial intelligence. Our mission is simple:

Empower individuals and clients with the knowledge to navigate and embrace the energy transition and harness the opportunities artificial intelligence presents.





## Future Energy Innovations

### ABOUT MARC ABBOTT BSc MBA MIAP

A recognized authority in advanced energy technologies and artificial intelligence, with expertise in synthetic fuels, carbon capture, and hydrogen manufacturing. Awarded the EB1A visa for extraordinary ability, affirming global prominence in the field. A distinguished researcher with internationally recognized publications in esteemed academic outlets, including the Global Journal of Frontier Science Research and the Institute of Analysts & Programmers.



Invited author for Global Journal of Mechanical & Mechanics Engineering  
[www.globaljournals.org](http://www.globaljournals.org)

Technology advisor for Undesert, Los Alamos, NM [www.Undesert.com](http://www.Undesert.com)

Strategic Technology Advisor for OCHIUS Fuels, Calgary, Canada  
[www.ochius.ca](http://www.ochius.ca)

Judge for Rice Alliance for Technology and Entrepreneurship  
[www.alliance.rice.edu](http://www.alliance.rice.edu)

Invited author for the Institution of Analysts & Programmers  
[www.iap.org.uk](http://www.iap.org.uk)

### PUBLISHED ACADEMIC ARTICLES

Mobile Modular Hydrogen Power Generation – A Zero Carbon Energy System  
<https://doi.org/10.5296/ijgs.v7i1.21120>

Hydrogen for Mobility – A pathway to a Zero Carbon Transportation System  
[https://globaljournals.org/GJRE\\_Volume24/1-Hydrogen-for-Mobility.pdf](https://globaljournals.org/GJRE_Volume24/1-Hydrogen-for-Mobility.pdf)

An Alternative Approach to Evaluating Disruptive Technologies  
[www.macrothink.org/journal/index.php/csbm/article/view/21299](http://www.macrothink.org/journal/index.php/csbm/article/view/21299)

### PROFESSIONAL MEMBERSHIPS

Member Institute of Analysts & Programmers (MIAP), London, UK

Fellow International Society for Development & Sustainability, Tokyo, Japan