

Hydrogen has the potential to emerge as a low-carbon energy carrier in the 21st century. Currently hydrogen is produced commercially from natural gas, but this not an especially clean process. Alternatively, hydrogen can be produced from water using electricity or directly using high-temperature processes.

A hydrogen economy will require advances in production, purification, distribution, storage, and face disruptive changes associated with end-use.

The Open University has various interests in hydrogen including energy and transport policy, sustainable transport technologies, and fundamental science associated with production, purification, and storage of hydrogen.

The Open University is examining how hydrogen will be treated as a future commercial commodity; how markets for such technologies may operate and the impacts and synergies of such developments on other energy industries.

OU hydrogen research forms part of a wider cluster of energy-related research activities that come together in the university's research community OU Energy. Further details are available at: <http://energy.open.ac.uk/>

Research Team



Satheesh Krishnamurthy
Lecturer in Energy

William Nuttall
Professor of Energy

Toks Bakenne
Post-Doctoral Researcher, Hydrogen

Supporting Researchers:

Dr. Franco Amado—Postdoctoral Research Associate
Avishek Dey – PhD Research student
George Matthew - PhD Research Student
Richard Pearson—ICO-CDT Student
Anukriti Singh—Visiting Researcher
Andrew Wilson— ICO-CDT Student

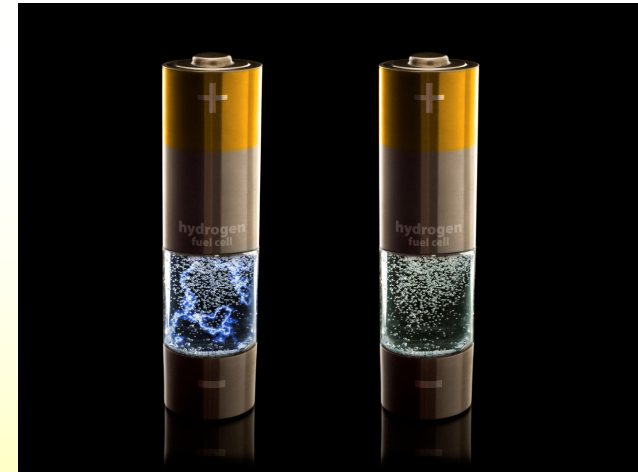
FURTHER INFORMATION

Dr Satheesh Krishnamurthy
Department of Engineering and Innovation
The Open University
Walton Hall
Milton Keynes
MK7 6AA, UK

E-mail: satheesh.krishnamurthy@open.ac.uk



Hydrogen Research



Department of Engineering and Innovation
The Open University