

## Gelion Founding Chairman wins Eureka Prize for Leadership in Innovation and Science



*Gelion Technologies Pty Ltd Media release, Thursday 30<sup>th</sup> August 2018 at 1600 (AEST)*

Gelion's Founding Chairman, [Professor Thomas Maschmeyer](#), last night won the prestigious CSIRO Eureka Prize for Leadership in Innovation and Science.

Professor Maschmeyer of [Gelion](#), a spin-off of the University of Sydney, is a world leader in the chemistry of catalysis. He aims to generate and translate new knowledge into commercial solutions as part of his vision for a more sustainable world.

His discoveries allow widespread use of renewables and recyclables in the chemical, material and energy spaces. His discoveries have resulted in 23 patents and the foundation of four companies.

At Gelion, Professor Maschmeyer is helping to solve the issue of truly scalable renewable power, creating a unique and breakthrough gel-ion battery platform that is safe, versatile and affordable at scale.

*"Using our planet's resources more carefully to create a more sustainable future - with technology translated from the laboratory towards global impact - is an exhilarating and rewarding journey. I am very grateful to all my students and colleagues with whom I shared the ride – Australia and the world will be a better place because of them."* Professor Maschmeyer said upon accepting the prize at The Australian Museum in Sydney last night.

Professor Maschmeyer has taken his decades of research in chemistry and applied this to real-world problems with spectacular results. The Australian companies he has founded are active across four continents and worth millions of dollars. His research has also been used by many stakeholders globally in their pursuit of more sustainable economic development.

Professor Maschmeyer is also a Co-Founder and Technology Consultant at [Licella](#), widely accepted as the global leaders in the process of hydrothermal upgrading and is an inventor of its patented Catalytic Hydrothermal Reactor (Cat-HTR™), which chemically transforms low value feedstocks into high value petrochemicals.

Professor Maschmeyer was also the founding director of the Australian Institute for Nanoscale Science and Technology (now [Sydney Nano](#)). He has founded and been based at the University of Sydney's Laboratory of Advanced Catalysis for Sustainability in the [School of Chemistry](#) since 2003.

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### About Gelion

Gelion Technologies Pty Ltd ('Gelion') was founded in April 2015 as a spin-out of the University of Sydney. The company's objective is to develop and improve battery technologies for powering the future of energy supply. Gelion is owned by Gelion UK, a joint Venture between management and Armstrong Energy, who oversee the corporate governance and funding of the business, as well as assisting in long-term strategic planning. Gelion is head quartered at CSIRO Meteorology Centre in Lindfield, NSW.

For more information visit: [www.gelion.com](http://www.gelion.com) & [www.gelion.com/video](http://www.gelion.com/video)

### About the Eureka Prizes

The Eureka Prizes is awarded annually by the Australian Museum and represent a unique partnership between government organisations, institutions, companies and individuals committed to Australian science.

The prizes reward excellence in the fields of research and innovation; leadership; science engagement; and school science.

For more information visit: <https://australianmuseum.net.au/2018-eureka-prizes-winners>