

THE PROBLEM— A GLOBAL THREAT

CLIMATE CRISIS

With an impending global climate crisis, it is vital that we swiftly move away from fossil fuels to a renewable energy future. Earth's temperature is set to increase by 7-8°F degrees by 2100, requiring a rapid move towards sustainable sources. The intermittency of wind and solar power means that huge amounts of energy storage will be necessary and lithium-ion batteries are the best option.

ENERGY ACCESS

1.2 billion people around the world have little or no electricity, but off-grid renewable energy solutions are quickly changing this. Energy access is life-changing: allowing children to study in the evening, charge their mobile phones at home and providing a safer source of power. Essentially, everything requires power.

LITHIUM STOCKS AND PRICES

In the next 10-20 years, lithium will become one of the most highly demanded natural resources in the world. It will replace fossil fuels and become a leading source of renewable energy storage source, paving a path forward to a sustainable future. Society will see a paradigm shift in the value of lithium and other battery materials resources versus oil and fossil fuels.

THE SOLUTION

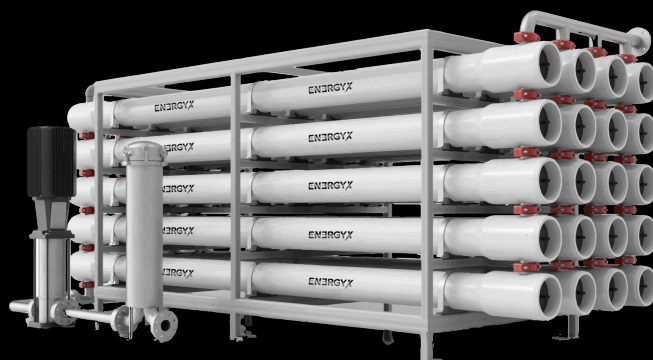
Through cutting-edge innovations and breakthrough solutions, EnergyX is working hard to solve these problems. As renewable energy demand soars, the need for efficient, low cost, large-scale energy storage systems is also rising. EnergyX looks to drive the growth of the global lithium industry while making low-carbon technology cheaper and more accessible.

Lithium batteries have been identified as a major part of the future of any renewable energy transition, and their implementation in electric mobility and projects of various scales has shown off just how versatile they can be. EnergyX is positioning itself to be a major player throughout the value chain from the production of raw materials to new solid state battery chemistries.

EnergyX is working on solid state battery electrolyte technology using its core LiTAS nanotechnology.

LiTAS™ TECHNOLOGY

EnergyX's patented LiTAS technology is an unparalleled, highly scalable, nanotechnology capable of direct lithium extraction from brines. The first-of-its-kind, this membrane filtering technology acts as a size sieve and accelerates the production process. The LiTAS method makes lithium production more affordable and orders of magnitude more efficient than the conventional brine and hard rock extraction techniques of the past.



90% Lithium
Recovery Rate

1-2 Days
Continuous Process

No Fresh
Water Needed

20-40% Operates
In High Salinity



TEAGUE EGAN

CEO & Founder

Teague Egan is the founder, CEO and product architect of EnergyX. He is responsible for all aspects of building the company into a world leader in renewable energy technologies. Primarily focused on commercializing the LiTAS™ tech for lithium extraction and solid state battery electrolytes, he believes 100 hour work weeks and little sleep is the recipe to success.

With a background of serial entrepreneurship, investing, inventing, and philanthropy, Teague has been investing in public sector energy assets and sustainable technologies since 2013. Prior to EnergyX, he started businesses in entertainment, music, and sports, and is also the inventor of energyDNA – a patented multi-component graphene textile fiber technology. In 2012, Teague founded Innovation Factory VC, a venture capital fund focused on tech, life sciences, real estate, space and consumer products.

Teague is actively involved in philanthropic efforts with the Thomas E. Smith Foundation. He is the co-founder of Dance For Paralysis, The Reality Ride Challenge, and The Kindness Project. Teague is a USC Trojan, and also studied exponential technology including artificial intelligence, synthetic biology, and nanotechnology at Singularity University.

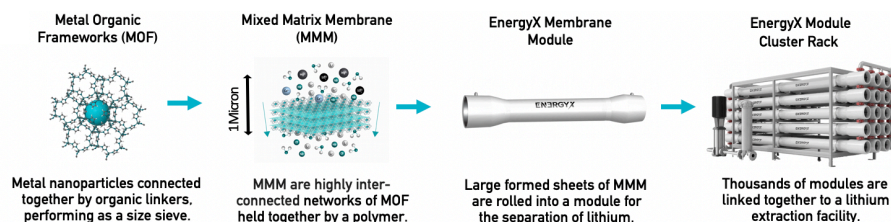
Teague has a mission to transition the world to sustainable energy.

“The part we play in the global energy transition is to develop and commercialize technology that can more efficiently supply key raw materials for energy storage systems. When it was proven electric vehicles were economical every single car company added them to their product road map. The demand for batteries is skyrocketing and we are going to ride that wave.”

EnergyX's technology was developed with:

- The University of Texas at Austin
- Monash University
- CSIRO (Australian National Laboratory)
- Membrane Technology and Research
- U.S. Department of Energy

ENERGYX LITHIUM EXTRACTION ECOSYSTEM



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POWERING THE FUTURE

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