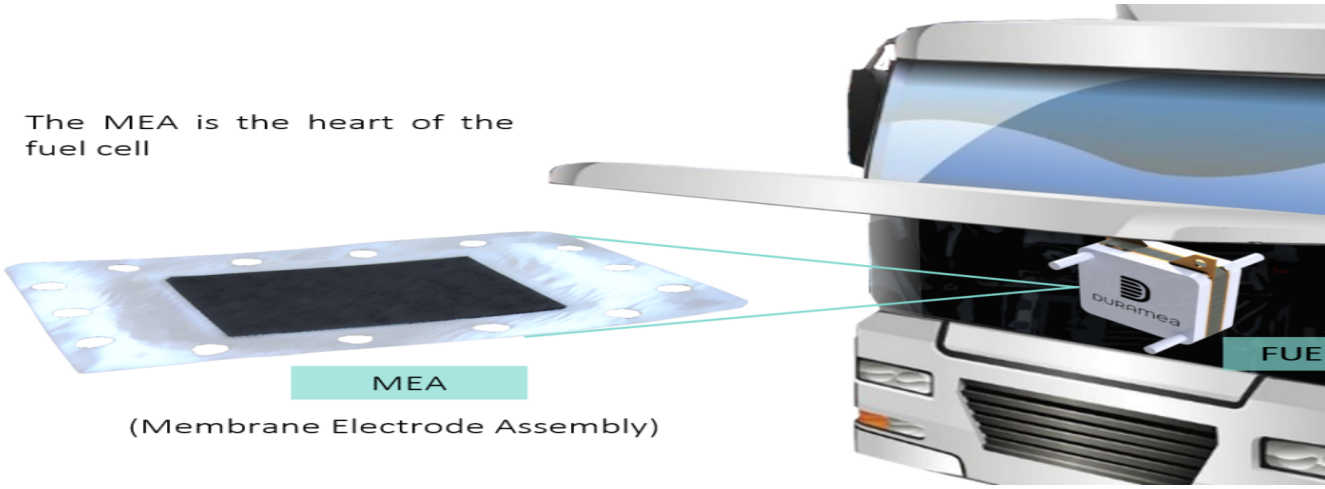


Duramea

WE BUILD THE DURABLE HEART OF FUEL CELLS AND ELECTROLYSERS

Hydrogen fuel cells and electrolyzers play a key role in the global energy transition. At the heart of these technologies is the membrane-electrode assembly (MEA), which converts hydrogen into electricity or vice versa.



However, the MEA is also the component that significantly determines the lifespan and cost of electrolyzers and fuel cells. Duramea is set to transform MEA production with a patent-pending technology: a polyaniline coating that protects the MEA from corrosion without compromising its performance. This innovation doubles the MEA's lifespan while maintaining its efficiency.

Our initial focus is to provide durable, high-performance MEAs for the scientific market. In the long term, Duramea's vision is to scale up production, enabling the mass manufacturing of durable MEAs for terrestrial power supplies, lunar bases, and beyond.

USP
Our patent-pending membrane electrode assembly doubles fuel cell and electrolyser durability.

Space Connection
The envisioned moonbase for the Artemis mission requires long-lasting hydrogen fuel cells and electrolyzers.

Team

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