

C-LEVEL EXECUTIVE | EXECUTIVE LEADERSHIP

STRATEGIC LEADERSHIP » COMMERCIALIZATION » P&L RESPONSIBILITY

- Advocate, innovator, and policy champion of the SAF industry since 2006. Produced initial SAF volumes for first SAF demo in 2008 with Boeing, Virgin Atlantic and General Electric.
- Launched one of world's largest biodiesel producers from concept to commercial scale, raised over \$325M to build the business, weathering both global financial crisis of 2007 / 08 as well as political headwinds and low oil prices to deliver record revenues of \$187M and 15%+ EBITDA margin in 2014. Sold the business with positive exit for shareholders in 2015.
- Acted as industry catalyst in creating new drop-in sustainable aviation fuels in collaboration with Pacific Northwest National Laboratory in 2010 for next-generation biofuel technology (Alcohol to Jet/ATJ) that LanzaJet is now commercializing.
- Successfully facilitated spin-out of unique ion exchange membrane technology from University of Washington into industry-leading membrane manufacturing business. Raised over \$10M from investors and government grants in 2018/2019.

PROFESSIONAL EXPERIENCE

SKYNRG AMERICAS, INC. | BEND, OR

MAR 2020 – PRESENT

PRESIDENT & CEO

Co-founder of new company focused on developing new commercial scale SAF production facilities in the US. Leveraging history and success of previous efforts of both Imperium Renewables and SkyNRG with focus on highly sustainable, waste-based inputs criteria guiding company's growth strategy.

- Leading site location, technology, feedstock, techno economic analysis of SkyNRG Americas' growth and project development efforts. Responsible for building all-star team, cross company coordination with SkyNRG, fundraising and capital needs, day to day operations and P&L responsibility.
- Establishing strategic growth direction of the company with over 18 years in biofuels/clean energy sector. Main intended goal is building business that can withstand the volatility that has hindered past industry success.

LANZATECH | CHICAGO, IL

JAN 2019 – DEC 2019

SUSTAINABLE AVIATION FUELS ADVISOR

Assisted LanzaTech in the business development and commercialization of groundbreaking thermo-catalytic process technology for recycling waste carbon emissions into sustainable jet fuel technology licensed from Pacific Northwest National Lab.

MEMBRION, INC | SEATTLE, WASHINGTON

2017- PRESENT

CHAIRMAN OF BOARD

JULY 2019 - PRESENT

PRESIDENT & CEO

2017 - 2019

Raised over \$10M in equity and grants from investors, National Science Foundation and Department of Energy. Built and managed diverse team of scientists through development and into commercial scale.

IMPERIUM RENEWABLES, INC | SEATTLE, WASHINGTON

2004–2015

PRESIDENT & CEO

2004–2015

Founded one of world's leading biodiesel producers, successfully building company from business concept into 100MGY state of art biodiesel production facility with global demand for products in three years.

- Built the company from startup in 2004 to full commercial operation in 2007 and achieving record revenues of \$187M with operating profit margin of over 15% in 2014.
- Facility completed in 14 months at cost of \$90M and within 5% of budget.
- Structured \$400M biodiesel off-take agreement for 100M gallons of biodiesel over course of 5 years.
- Selected out of 20+ competitors to supply 2000 gallons of sustainable aviation fuel in 2008 with Virgin Atlantic.
- Spearheaded successful sale of the company to Renewable Energy Group (REGI) in 2015.
- Facility has gone on to **reduce global CO2 emissions by more than 8 billion lbs** since it began operations in 2007.