

Jeremy Akers
Managing Director, Operations, Castlerock Green Energy

Jeremy Akers has joined Castlerock Green Energy as our Managing Director, Operations. He is a seasoned advisor with expertise in capital formation, business development, and go-to-market strategies for early-stage, high growth companies. Most recently, he spent 6+ years as the Director of Business Development and Growth Strategy at Blue Box Air, working directly with the CEO. In that role, Jeremy successfully expanded relationships with nationwide real estate portfolios, equipment manufacturers, and large-scale service organizations.

Jeremy currently serves on the Board of Directors (Governance Committee) for Holtz's Heroes, a 501(c)3 corporation dedicated to supporting Coach Holtz's legacy, his former players and his former players' charitable endeavors. He is also an Advisory Board member for Mobotory Technologies, Inc., an advanced artificial intelligence and machine learning platform for the Commercial Insurance Industry and PE3Q Technologies, Inc. a suite of web3, blockchain asset verification tools.

Previously, Jeremy held the position of Vice-President and Treasurer for the NFL (Retired) Players Association Los Angeles Chapter. He had a professional football career, playing for the Falcons, Raiders, Cowboys, Broncos and Rams as well as NFL Europe's Rhein Fire. He concluded his playing career as a team captain for the Orlando Rage, in the original XFL.

Jeremy holds a B.A. in Economics, Computer Applications, and Communications from the University of Notre Dame.

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Vice President, Finance, Castlerock Green Energy

Before joining CGE, Ryan served as an Associate in New York at Onyx Renewable Partners, a Blackstone-founded renewable energy developer and investor. During his tenure at Onyx, Ryan successfully closed over \$250 million in financing and acquisitions within the renewable energy sector. Ryan also spent time as an Analyst at Deutsche Bank in renewable energy project finance and at Raise Green, an impact-focused climate investing platform.

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Dr. Robert G. Graham
Advisor & Chairman, Ensyn Corporation

Dr. Robert Graham, Non-Executive Chairman of Ensyn Corporation, is Ensyn's founder and has led Ensyn's commercial and technical development since the first Ensyn company was established in 1984. In March 2020 Bob stepped down as CEO but continues to be actively engaged as an advisor to the senior management team.

Bob is Canada's pre-eminent authority in his field of applied engineering, the production of value-added products via fast thermal conversion of carbon-based feedstocks. Bob's early work from first principles led to development of Ensyn's core RTP™ conversion technology and early commercial applications for the production of specialty chemicals and heating fuels from wood residues. Bob led Ensyn's initiative to become a global leader in the production of cellulosic liquid fuels, establishing several key strategic relationships, including with Honeywell UOP, Suzano, Chevron Technology Ventures and Tesoro.

Dr Graham was awarded the 2014 Purvis Memorial Award by the Chemical Institute of Canada for conceptualizing and commercializing the RTP technology and the 2016 Holmberg Award by the Advanced Bioeconomy Leadership Conference for Lifetime Achievement in Bioenergy.

Dr. Graham has published over 60 works in technical and trade journals, and has been granted more than 30 patents relating to the conversion of wood and other biomass to chemicals and fuels as well as the upgrading of petroleum. He obtained a B.Sc. from Carleton University, Ottawa, Ontario and an M. Eng and Ph.D. from the University of Western Ontario, London.

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Executive Vice President & Chief Technology Officer, Ensyn Corporation

Mr. Hopkins, a registered Professional Engineer in the province of Ontario, holds a degree in Mechanical Engineering from Queen's University at Kingston. He has co-authored several patents related to RTP and its products.

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Vice-Chairperson, Executive Council, Habematolel Pomo of Upper Lake

Until recently, Vice Chairperson Marcks served as secretary of both the Tribe's Housing Commission (HC), and the Tribal Cultural Committee (TCC). He is currently serving on the Tribe's Scholarship Fund Selection Committee (SFSC).

The Pomo culture and all native traditions possess strong values; it is the foundation that bonds tribal people, it is what connects Indigenous people in ways unseen by the human eye yet connects our spirits with one another and the Creator. It is what binds us together – resiliency and perseverance, a common thread Indigenous people have woven for thousands of years – a spirit that can never be broken!

Michael continues to take immense pride in being a Native American Man, standing up for equality and justice for all, having empathy and compassion for others and for Mother Earth, and not doing what is popular but what is Right.

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Carol Muñoz

Secretary, Executive Council, Habematolel Pomo of Upper Lake

Carol Munoz is Secretary for the Habematolel Pomo of Upper Lake, a federally recognized Indian Nation located in Upper Lake, California. Secretary Munoz was elected to the Tribe's seven-member Executive Council in 2020. As Secretary, Munoz is charged with the well-being of the Tribe and success of its sovereign enterprises as it continually strives for economic self-reliance through e-commerce, gaming and other economic opportunities unique to tribal lands.

Carol Munoz's mission is to bring honor to her family and ancestors through hard work and dedication to the Tribe by helping preserve its sovereignty, culture, health and well-being for future generations. It has been a personal, lifelong goal of Carol to take her aptitude for continuous improvement through hard work and give back to her Tribe. Carol is now doing just that when she decided to leave the corporate world and eagerly leaped into her Tribal career.

Prior to her elected role, Secretary Munoz worked for Brandvia as a Program Manager where she was responsible for managing a team of Program Specialists and Program Coordinators. In this position she developed and maintained strategic long-term trusting relationships with high value clients to accomplish organic growth and financial objectives.

In addition to her Council responsibilities, Secretary Munoz continues to serve on the Personnel Committee, where she has served since 2002, and the Constitution Review Committee, where she has served since 2019.

Secretary Munoz was born in Lake County and currently resides in San Jose, California.

John Murphy,
Executive Director, Castlerock Green Energy

John is a finance professional with close to twenty years of experience in the energy industry. He brings his deep industry knowledge and relationships to bear in leading Castlerock Green Energy.

Since 2012, he has been a full-time entrepreneur with private investments in a range of sectors. Previously he worked with Green Arrow Capital Management and Highbridge Capital Partners on an energy infrastructure portfolio, with Credit Suisse in their Global Energy Group and in the Natural Resources Group at Banc of America Securities. He has advised numerous companies on a combination of debt and equity financings and M&A transactions.

John holds an MBA from Georgia Tech and a BS in Mathematics from the University of Notre Dame.

Robert A. Pirraglia
President & CEO, Ensyn Corporation

Mr. Pirraglia has been associated with Ensyn for over 20 years, serving in various senior management roles and as a member of the Board of Directors. During his tenure at Ensyn Bob has played a central role in the development of Ensyn, with a focus on planning and commercial development.

Bob is an engineer and lawyer, and has over 30 years of project development and management experience in the waste and energy sectors, as well as extensive experience in financing and mergers and acquisitions related to these sectors. His operational experience includes responsibility for power and/or steam facilities with a combined feedstock capacity in excess of 4,000 tons per day. Bob has been a member of the Board of Directors of various public and private companies.

Bob received his BE in Electrical Engineering from New York University and a JD from Fordham University School of Law.

Chairperson, Executive Councill, Habematolel Pomo of Upper Lake

Treppa worked in private industry for 18 years prior to her role with the Tribe. She was born in Lake County and graduated with a Bachelor of Science from the University of San Francisco. Treppa's ongoing efforts have contributed to the process of restoring the Tribe's land base and the furtherance of the Tribe's goal of economic self-reliance. She has spearheaded efforts funding negotiations and recently its refinance for the Tribe's current gaming ventures, played a vital role in overseeing the construction of the Tribe's Casino and represented the Tribe in raising capital, structuring and development of the Tribe's e-commerce businesses.

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Patrick Vagner

Managing Director, Corporate Development, Ensyn Corporation

Patrick has over 20 years of business development and technology commercialization experience in the renewable energy sector. In his prior roles, Patrick has a strong track record of successfully implementing technology-enabled innovative business models and participation strategies that delivered new business growth within the renewable chemicals and fuels markets.

Patrick holds a PhD in Chemistry from the University of Southern California and conducted his postdoctoral work at the California Institute of Technology with the Nobel Laureate, Robert. H. Grubbs. He also holds a Master of Business Administration degree from California Coast University.

Bruce York
Chief Development Officer, Castlerock Biofuels

Mr. York is an Energy Industry Executive with more than 28 years of experience delivering successful infrastructure projects in petroleum, chemical, and biofuels industries throughout the United States. He has a unique blend of large EPC company experience complimentary with an owner's perspective of private equity backed renewable fuels and midstream storage start-ups.

At Caliche Development Partners, Bruce served as Vice President, Construction where he led a project team developing underground storage for the wholly owned subsidiary, Coastal Caverns, on the Spindletop Salt Dome in Beaumont, Texas. To support the salt cavern storage wells, aboveground processing equipment, brine storage ponds, a control center, and pipelines with interconnects were installed.

Prior to joining the Caliche Development Partners team, Bruce was Chief Operations Officer of Sabine Biofuels where he was responsible for leadership of the Sabine management team and strategic decisions for the operation of a 30 million gallon per year biodiesel facility. Before becoming COO, Mr. York was Vice President, Engineering and Operations for Sabine after transitioning from VP, Construction at Sabine's parent/development company, Endicott Biofuels.

While Vice President, Construction, at Endicott Biofuels, Mr. York managed the engineering, procurement, and construction process to build a world class biorefinery plant to process ASTM D6751 biodiesel from animal fats and vegetable oils using a patented second generation biofuel process technology.

Bruce also spent 16 years with Jacobs, one of the world's largest providers of engineering and construction services, where he held several leadership positions of increasing responsibility including Construction Engineer, Turnaround Manager, Maintenance Manager, and Construction Manager. Mr. York was also the Jacobs Membership Liaison for the Construction Industry Institute. When Bruce left Jacobs to join Endicott, he was Manager of Global Field Technical Services where he managed a department of subject matter experts supporting multiple large construction and maintenance projects across the organization.

Mr. York earned a Bachelor of Arts degree from Vanderbilt University and continued his education with post-baccalaureate studies in Construction Management and Civil Technology at the University of Houston. He was also accredited as a Certified Plant Maintenance Manager through the Association of Facilities Engineers.

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