



Executive Biographies



Gregory Solomon

Executive Chairman, Eden Energy Ltd.

Mr. Solomon is Executive Chairman of Eden Energy Ltd. and Tasman Resources NL. He is primarily responsible for corporate, legal, and commercial matters as well as the marketing of Hythane® in the Asian Pacific region. He has more than two decades experience as a director of technology and resource companies in Australia, and has been involved in establishing a wide range of projects and joint ventures in the U.S., Europe, Asia, and Australia. Over the past 20 years, he has been a director of seven companies listed on the Australian Stock Exchange and has wide experience in all aspects of corporate and commercial law, compliance, management, fundraising, and finance. He is a founding director of Hythane Company, LLC and Eden Innovations Ltd. Mr. Solomon holds a Bachelor of Laws degree from the University of Western Australia.



Gregory Egan

CTO, Eden Innovations Ltd.

Mr. Egan presently is Chief Technology Officer for both Hythane Company, LLC and Eden Innovations, Ltd. His responsibilities include state-of-the-art technology management, analysis of current and future technologies, and overall strategic planning. He has more than 30 years experience in managing complex technology companies. Mr. Egan spent ten years in the solar industry where he designed and fabricated solar space heating systems. He spent eight years in metal hydrides creating a line of stainless steel solar flat plate collectors, and five years in supercritical thermal systems assisting in the completion of a self-contained breathing apparatus. Along with winning the NASA Technology Innovation Award, he was the Principal Investigator in the Metal Hydride Compressor/Hydrogen Liquefaction System for NASA (KSC), and Metal Hydride Compressor/Refrigeration System for NASA (MSFC). Mr. Egan has a BA from Ramapo College, attended the Graduate School of Applied Science and Business at New York University, and holds an honors degree from Ripon College.



Robert Gray

CEO, Eden Innovations, Ltd.

Mr. Gray is the Chief Executive Officer for Eden Innovations Ltd., where he is responsible for coordinating the three US-based component companies; HyRadix Inc., Hythane LLC, and Eden Cryogenics LLC. Prior to this he was the President and CEO of HyRadix Inc., where he applied 30 years of experience in commercializing technology and new businesses development to growing the company. Mr. Gray joined the HyRadix team while working at UOP LLC as their Director of Corporate Strategy. He managed mergers and acquisitions activities there and was head of UOP's worldwide Gas Processing Business.

Mr. Gray began his career with Union Carbide in 1976 and joined UOP in 1988. He graduated as a Chemical Engineer from Worcester Polytechnic Institute and received his MBA from the Lubin School of Business, Pace University, New York, NY. Mr. Gray holds 5 process patents and is a Six-Sigma Black Belt.



David Cepla

President, HyRadix Inc.

Mr. Cepla brings 26 years of engineering and marketing expertise to HyRadix Inc. His responsibilities include strategic direction and daily operation of the organization as well as marketing and sales and establishing business partnerships to advance the organization's objectives. Prior to his affiliation with HyRadix, Mr. Cepla was the Senior Business Manager for the Refining Light Ends business at UOP, a \$90 million global organization where his responsibilities included managing technology licensing, catalyst sales, engineering, and technical support services. Mr. Cepla received his degree in Chemical Engineering from the University of Colorado and earned an MBA in finance and international business from the Northwestern University J.L. Kellogg Graduate School of Management.



Roger Marmaro

President, Hythane Company, LLC

Mr. Marmaro is President and CEO for Hythane Company, LLC. His responsibilities include corporate planning and implementation, management development, and commercial business expansion. He is a part of the original Hythane team and is the co-inventor of Hythane® along with Frank Lynch. He re-joined the Hythane Company after spending three years with ADA Technologies and eight years at BOC Edwards. In his time with BOC Edwards, he held several positions, including Service Manager, National Marketing Manager for the Semiconductor Gas Abatement Division, Sales Manager, and the Southwest Area Business Manger. In addition to Hythane®, Mr. Marmaro holds a number of patents in alternative energy and electronics. Mr. Marmaro received a BFA in Design from University of Utah and a BSME from the University of Colorado.



Frank Lynch

Co-Inventor of Hythane®

Mr. Lynch is the President of Hydrogen Components, Inc. and has been involved in hydrogen energy system research, development, and manufacturing for 37 years. He has consulted on numerous groundbreaking hydrogen projects, including Japan's WENET program, and at Ford Motor Co., United Technologies, and Angstrom Power. Mr. Lynch is the co-inventor of Hythane®. Mr. Lynch, a 31-year member of the Society of Automotive Engineers (SAE), has served SAE as a national lecturer on hydrogen powered mining vehicles, and as a plenary lecturer on hydrogen storage for the International Assn. of Hydrogen Energy and the National Engineering Development Organization (Japan). He has served as Vice Chairman of the Board of the National Hydrogen Association and as a member of the U.S. Department of Energy Hydrogen Technical Advisory Panel. Mr. Lynch has published dozens of technical papers, including "Hydrogen Fuel for Underground Mining Machinery" SAE Paper 840233, which won SAE's Colwell Award in 1984.



Steve Hensley

President, Eden Cryogenics, LLC

Mr. Hensley is the founder and President of Eden Cryogenics, LLC. His responsibilities include corporate planning and development, and business expansion. He has spent more than 38 years in the cryogenic and vacuum industries, overseeing marketing, licensing technology, joint venture start-ups, and management of high profile projects in the U.S. and around the world for NASA, the U.S. Navy, aerospace companies, and National Laboratories. He managed the cryogenic standard products for CVI Incorporated, and designed and developed the helium product line that helped make CVI an industry leader. Mr. Hensley was also responsible for design and development of the PHPK Technologies cryogenic product line as President and General Manager during their initial market entry and growth years. Mr. Hensley holds patents in cryogenic equipment and has degrees and certification in Architecture, Mechanical Engineering, Business, and Quality Assurance.



Dr. Glen McIntosh

CTO, Eden Cryogenics, LLC

Dr. McIntosh is a pioneer in post-1950 cryogenic engineering. He joined the (NIST) Cryogenic Engineering Laboratory in Boulder, Colorado in early 1953 and has worked full time in cryogenic technology since then. Dr. McIntosh has been responsible for designing hydrogen refrigerators and liquefiers for a number of international high energy physics laboratories. He is an authority on high performance cryogenic insulation and has utilized this skill in designing a wide variety of storage and transport dewars for helium, hydrogen, neon, nitrogen, oxygen, argon, and LNG. He is a meticulous designer of cryogenic heat exchangers, including hydrogen dewar pressurization heat exchangers for NASA. Dr. McIntosh has documented his work in approximately 75 refereed technical publications and seven patents. He is a registered Professional Engineer in Colorado, and his education includes qualification as a U.S. Naval Aviator, a BSME from North Dakota State University, and Ph.D. from Purdue University.



Justin Fulton

Engineering Manager, Hythane Company, LLC

Mr. Fulton is the Engineering Manager at Hythane Company, LLC. His work encompasses Hythane® fuel calibration for heavy-duty bus engines, life-cycle emissions analysis, and the design of fuel station and engine control equipment. He has been an SAE member for 17 years and has significant experience working with alternative fuels at research and emissions labs. Mr. Fulton contributed to various hydrogen and Hythane engine design and development projects for four years as a research engineer with Hydrogen Components, Inc. In his following eight years of employment with Woodward Governor, the world's largest independent engine control supplier, he developed and applied the latest engine control components and systems. Mr. Fulton has a degree in Mechanical Engineering from Colorado State University, holds three patents, and has published extensively in the area of engine design and alternative fuels.

