



MANAGEMENT TEAM

Dr. A. Paul Watkinson – Co-Founder, Chief Technical Officer

Dr. A. Paul Watkinson is currently a Professor Emeritus in the Department of Chemical and Biological Engineering at the University of British Columbia. He joined the faculty in 1971, became a Professor in 1979 and from 1992 to 2001 served as the Head of the Department. Prior to becoming a UBC faculty member, he spent five years performing industrial research in the pulp and paper and metallurgical process industries. Dr. Watkinson holds a Bachelor's Degree in Chemical Engineering from McMaster University, and Masters and PhD Degrees in the same field from UBC.

Dr. Watkinson's teaching interests include energy and fuels, engineering economics and advanced chemical reactor design. He has carried out research on the subjects of pyrolysis, the gasification and combustion of coals and biomass, heat exchanger performance and the use of biofuels in rotary lime kilns. He is a registered Professional Engineer, a Fellow of the Chemical Institute of Canada and a Fellow of the Canadian Academy of Engineering. Dr. Watkinson is an active participant in the Canadian Society for Chemical Engineering as well as Engineering Conferences International. He has won a number of awards for his research, and has published numerous articles in scientific journals on pilot-scale investigations of conversion of carbonaceous solids, such as coal, shale and biomass, into gaseous and liquid fuels. He is also the co-author of patents on lignin-based liquid fuels.

Thomas Hobby, Chief Executive Officer

Thomas Hobby holds a Master's Degree in Business Administration and also in Agriculture from California Polytechnic University SLO – USA. He also holds an MA Economics from the University of Victoria, Victoria BC, Canada. He is a Professional Agrologist in British Columbia.

Thomas has worked over 25 years in the forestry, agriculture and biomass energy sectors, and has more than 10 years of bioenergy commercialization and executive experience. He has worked in education, farm and forest management, commercial agricultural lending, natural resources academic research and start-ups, and has led non-profits. Since 2002, he and his family have lived in Victoria, where he has worked in academia and consulting with a focus on sustainable forest and agricultural stewardship, innovation, commercialization and development. He has been interviewed by national and provincial media on a myriad of forest industry topics including forest fuels management, non-timber resources and bioenergy.

John A. Kuehne – Chief Financial Officer

John is an Angel Investor advising, assisting and investing in both startups and small public companies seeking game-changing opportunities. He engages with startup firms through investing, advising, and participating in management or as a Director to accelerate the commercialization of innovative technologies. John is Past President and founder of SmallCap Corporate Partners Inc., a successful management consulting firm that advised micro-cap and small-cap public companies on corporate governance, corporate finance, mergers and acquisitions and investor communications, and was Chief Financial Officer of a Canadian forest products company with annual sales of over \$600 million and assets in excess of \$1 billion.

Highbury Energy Inc.



Paul Torriero – Chief Operating Officer

Paul Torriero has over twenty years of experience working in business strategy and new business and project development in a variety of industries and markets. He has held executive positions with several institutions including Westpac Institutional Bank, Commonwealth Bank of Australia and Morgan Stanley Dean Witter, where he gained tangible knowledge of corporate finance, project finance, equities, commodities, trading, marketing and banking. Paul has more than ten years of experience as a company executive and has founded and operated several private companies.

Throughout his roles, Paul has functioned as the driving force in business growth and business strategy deployment, actualizing the successful rollout of these. Experiences in this include; business planning, successfully creating, building and managing small to mid sized businesses, spearheading business growth for organizations in new markets to team lead in winning competitive deal tenders.

Mr. Torriero holds a MBA from both the University of New South Wales and Sydney University, Australia, and has a Bachelor's Degree in from the University of Toronto, Canada.

Paul shares his time and passion for developing sustainable, green businesses with active involvement in benevolent organisations as demonstrated with his animated role in the Discovery Channel documentary series raising global awareness for kidney disease and organ donation.

Len Bykowski – Vice President, Business Development

A proven entrepreneurial and visionary International C-Level business generalist, with a primary focus in the agriculture, forestry and bio-based renewable sectors, Len is an expert in creating business models/plans, team building, innovative strategic planning, acquisitions and integration, domestic and international sales/marketing programs and operations. He is past President and CEO of the Alberta Bioproducts Association, past President and CEO of the BC Wine Institute, and President and past President and CEO of Money's Mushrooms, a \$250 million company. He has also served on numerous boards and committees in the Bioenergy sector, and within agriculture, including Mascoma and Xylitol Canada.

Dr. Yonghua Li - Senior Research Engineer

Dr. Yonghua Li is a chemical engineer with over 25 years of experience in the fields of energy technologies including gasification, and the processing, production, storage, and transportation of gas. He has worked in combustion and gasification of coals, biomass and bio-oil; firing of lime kilns with unconventional biofuels; and dioxin and furan formation in combustion of salt-laden hog fuels.



He received his Bachelor's Degree in chemical engineering from East China University of Science and Technology in 1985, and holds a Certificate in gas technology from the Centre de Formation Aux Techniques Gazieres, Paris, France. He had seven years experience with the Nanjing Gas Company, China, before obtaining a PhD in chemical engineering from the University of Queensland, Brisbane, Australia. He spent over two years at the National Risk Management Research Laboratory of the US Environmental Protection Agency. He has published over twenty research articles in the above areas.

Dr. Li is responsible for Highbury's gasification and gas clean-up experimental program being carried out at the UBC Pulp & Paper Centre, and is currently supervising the construction of the UBC/Highbury dual-bed gasifier.

Mark Hammer – Vice President, Investor Relations

Mark Hammer has built a successful real estate practice over the past ten years as a realtor for Re/Max Crest Realty, and he has secured financing for real property developments in both Canada and Costa Rica.

Phil Watkinson – Secretary

Phil Watkinson has several years of experience raising funds for a number of start-up companies that eventually became publicly-held. He has been a realtor for Re/Max Crest Realty since 2002, and has also secured financing for real property developments in both Canada and Costa Rica.

Mr. Watkinson holds a Bachelor's Degree in Geography from UBC and is a graduate of the UBC Sauder School of Business Real Estate Licensing Program.

BOARD OF ADVISORS

Dr. Xiaotao (Tony) Bi, P.Eng. – Professor, Department of Chemical and Biological Engineering, UBC

Dr. Tony Bi is known internationally for his research contributions to the fields of multi-phase flow, mathematical modeling and scale-up of gas/solids reactors such as circulating bed gasifier systems. He is a member of the UBC Biomass and Bioenergy Research Group and possesses interests in wood pellet production systems and economics and green engineering. Dr. Bi is also active on the Innovation Team in Multiphase Systems at the Institute of Process Engineering, Chinese Academy of Science, China.

At Highbury, Dr. Bi contributes to the development of the complete circulating fluid bed gasifier system, to biofuel processing in general and assists the Company in establishing joint development projects with Chinese partners.



Dr. Kevin J. Smith, P.Eng. – Professor, Department of Chemical and Biological Engineering, UBC

Dr. Kevin Smith has acquired an international reputation for his research in kinetics and catalysis of hydroprocessing and C1 chemistry. His recent work includes catalysis for methane homologation and oxidative coupling and for the synthesis of alcohols including ethanol from syngas mixtures.

Dr. Smith is a Fellow of the Chemical Institute of Canada and a member of the Canadian Catalyst Foundation. At Highbury, he contributes to the Company's planned developments in catalytic alcohol production from high-grade syngas.

Dr. Khay Chuang (K.C.) Teo – Retired Professor of Chemistry, Nanyang Technological University, Singapore

Dr. K.C. Teo has expertise in the fields of fuel chemistry, including biomass, and advanced water treatment processes. He has established a reputation for developing systems for value-added products from lignin and wood-wastes, including slurry fuels and activated carbons.

Dr. Teo has served as Chair of the Technical Committee for Chemistry, Singapore Standards, and for Standards for Water and Water Technology. He brings his extensive knowledge of lignin fuels to Highbury, as well as his experience with activated carbons and their use in advanced water treatment systems. During his ten years in Singapore, Dr. Teo established many contacts for new technology opportunities in different parts of Asia.

Mr. Vic Uloth, MSc, P.Eng - Independent Chemicals Professional

Vic Uloth is a Chemical Engineer with over 35 years experience in optimizing and troubleshooting pulping chemical recovery system operations. Vic has a B.A.Sc. from the University of Waterloo and an MSc. in Pollution Control Engineering from UBC. Vic worked for 33 years with FPIInnovations – Paprican on research projects covering every unit operation in the Kraft chemical recovery system. He spent most of his working life on pulp mill sites in Prince George, Quesnel, and numerous other locations, operating pilot plants and doing tests around various unit operations.

He has presented and published over 60 technical papers on topics including brown stock washing, tall oil soap recovery, tall oil production, evaporator scaling, recovery boiler optimization, Kraft lignin recovery, polysulphide liquor production in recaust, white liquor oxidation, and power boiler optimization. He recently retired from FPIInnovations and is now working as a pulping chemical recovery consultant with several North American mills. Vic is a member of PAPTAC and is a registered Professional Engineer in BC.