

The logo for CRIN (Clean Resource Innovation Network) features the letters 'CRIN' in a clean, sans-serif font. The letter 'I' is a light blue color, while the other letters are black.

Clean Resource Innovation Network

Directors 2021-2022

As of September 29, 2021



Directors and Officers 2021 – 2022

Directors by term

Ginny Flood	y2 of first 3y term; total years = 4y to date
Catherine Bérubé	y2 of first 3y term; total years = 1y to date
Jacquie Moore	y2 of first 3y term; total years = 1y to date
Jim Gibson	y2 of first 3y term; total years = 1y to date
John Adams	y2 of first 3y term; total years = 1y to date
Kendra Macdonald	y2 of first 3y term; total years = 1y to date
Monica Gattinger	y2 of first 3y term; total years = 1y to date
Raylene Whitford	y1 of first 3y term
C. Beth (Hardy) Valiaho	y1 of first 3y term
Douglas Freel	y1 of first 3y term

Directors by position and strategic partnership:

by position:

Jason Switzer	Director, Steering Committee co-vice chair	appointed by CRIN Steering Committee Feb 2019; y3 of first 3y term
Joy Romero	Director, President	appointed by CRIN Steering Committee Apr 2020; y2 of first 3y term
Bradley Wamboldt	Director, Steering Committee co-vice chair	appointed by CRIN Steering Committee Jun 2021; y1 of first 3y term

by strategic partnership:

Kevin Stashin	PTAC Chair (annual review)	as elected by PTAC membership
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Offices:

Chair	Ginny Flood	y2 of first 3y term
President	Joy Romero	as appointed by SC; y3 of first 3y term
Treasurer	Douglas Freel	y1 of first 3y term

Observers / Regular Participants in Board Meetings:

Andy Noseworthy	Innovation, Science and Economic Development Canada (ISED), Government of Canada
Ian Jobe	CRIN Director of Operations [acting secretary]

CRIN Directors and Officers 2021-2022



Ginny Flood (Chair)



Joy Romero (President)



Douglas Freel (Treasurer)



Catherine Bérubé



Jacquie Moore



Jason Switzer



Jim Gibson



John Adams



Kendra MacDonald



Monica Gattinger



Kevin Stashin



Bradley Wamboldt



C. Beth (Hardy) Valiaho



Raylene Whitford



Ginny Flood

Ginny Flood is Board Chair, Clean Resource Innovation Network (CRIN). CRIN is a network of networks working to accelerate the development, deployment and commercialization of clean technology that enables Canada to be a global leader in clean hydrocarbon energy from source to end use. In addition, Ms. Flood is a director on the Clear Seas Responsible Marine Shipping Board. Ms. Flood recently finished her 2-year appointment on the Federal Government's External Advisory Committee for Regulatory Competitiveness.

Ms. Flood has extensive experience working in the resource sector both in the private and public sectors. Her professional career included working with Suncor Energy as Vice-President, Government Relations from 2015 to June 2020 when she retired. Prior to Suncor Energy, Ms. Flood was Vice President Canada for Rio Tinto where she provided strategic leadership for Rio Tinto's businesses in Canada on national and global matters.

In addition, Ms. Flood was an active member in numerous organizations working to ensure Canada's competitive advantage. She is the former Board Chair of the Canadian Chamber of Commerce and held numerous roles during her 8-year tenure on Chamber's Board. Prior to becoming Board chair for CRIN, she was the co-vice chair and chaired the Membership Engagement and Outreach Committee. In addition, Ms. Flood was a director on the Board for the Canadian Manufacturing and Exporters, the China Alberta Petroleum Centre (CAPC) and active member of the Mining Association of Canada.

Prior to joining the private sector in 2012, Ms. Flood held various senior level positions in the federal government for over 2 decades. She has a Queen's University Executive MBA and studied Business Administration at the University of Prince Edward Island.

Ms. Flood lives in Victoria, B.C. with her husband Brian.



Joy Romero, P.Eng, MBA PM, ICD.D, FCAE

Executive Advisor Innovation, Canadian Natural Resources Limited. Joy has worked in steel, iron ore, coal, and oil and natural gas. She joined Canadian Natural in 2001 to be a part of developing the Horizon Oil Sands Project.

Over the years Joy has;

- served as a School Trustee
- enjoyed many forms of community service
- been the Chair of the Governing Council of Athabasca University
- advised several Natural Science and Engineering Research Chairs
- been Board Chair of Canada's Oil Sands Innovation Alliance
- been a member of the Science, Technology & Innovation Council for Canada.

Joy is currently;

- President of the Clean Resource Innovation Network
- Vice Chair of the Petroleum Technology Alliance of Canada
- a director for the Nature Foundation for the Canadian Museum of Nature
- a trustee for the Calgary Heritage Park Board
- a member of the Business Leaders Advisory Council for Athabasca University
- a member of the Faculty of Science Dean's Circle for the University of Calgary
- an advisor for The Future of Energy Systems at the University of Alberta
- an inductee of the Canadian Petroleum Hall of Fame



Douglas Freel

Douglas Freel is a Managing Director at ARC Financial Corporation in Calgary. Douglas is focused on the oilfield services segment of ARC's oil and gas investments. He currently represents ARC as Chairman of the boards of Sanjel Energy Services Inc., Citadel Drilling Ltd., Advanced Upstream Ltd., Wayfinder Corp. and STEP Energy Services Ltd., and sits on the board of Lifting Solutions Energy Services Inc. Douglas joined ARC in 1998, with over two decades of oilfield services industry experience in engineering and investment roles, including nine years with Schlumberger serving in a variety of overseas locations. He holds an MBA from the University of Toronto and a BSc in Engineering from Queen's University.



Catherine Bérubé

Catherine is Vice-President, Sustainable Development, Investor Relations and Public Affairs at Cycle Capital and Cycle Momentum. She handles public and government relations, she's in charge of Cycle Capital's impact investment practice and is a mentor for Cycle Momentum accelerator. Catherine is also Vice-president of Écotech Québec, Québec cleantech cluster, sits on the Board of SWITCH Alliance, Clean Resource Innovation Network (CRIN) and is a member of the CVCA's Diversity and Inclusion Committee (Canadian Venture Capital and Private Equity Association).

Catherine is the coordinator of the "Bioenergy" working group for the Québec Green Economy Plan and was part of the consultation committee for the Principle for Responsible Investment – Québec Chapter.



Jacquie Moore

Jacquie is currently the Vice President of External Relations at Suncor. In this role, Jacquie leads the teams responsible for Suncor's Government Relations, Indigenous & Community Relations, and Community Investment as well as the Suncor Energy Foundation.

Before this role, Jacquie was the Vice President of Corporate Legal where she led the teams responsible for delivering commercial and legal support principally focused on the Corporate, Projects and Supply Chain, Intellectual Property, Strategy & Corporate Development, and Exploration & Production areas. Jacquie also previously served as the Chief Compliance Officer for Suncor where she led the team focused on implementing the Company's compliance and ethics program and initiatives.

Jacquie is a highly accomplished corporate legal executive with almost three decades of experience. Prior to joining Suncor in 2011, Jacquie had a successful career in private practice with a major national law firm where her practice primarily focused on corporate finance, mergers and acquisitions, corporate governance, compensation, compliance, risk management, business ethics, and general commercial matters. She also previously acted as general counsel and corporate secretary for a provincial Crown Corporation in British Columbia.

She is currently a member of the Board and the Finance and Audit Committee of CRIN, a member of the Board and the Governance Committee of Calgary Municipal Land Corporation and a board member of the Edge School for Athletes Society in Calgary. She has previously been the executive sponsor for Suncor's United Way campaign and a member of Suncor's Inclusion and Diversity Council. Jacquie has a long history of supporting numerous mentoring initiatives and relationships throughout her career.

Jacquie holds both a Bachelor of Commerce Degree and a Law Degree (LLB) from the University of Calgary.



Jason Switzer

Its Executive Director since 2016, Jason Switzer led the Alberta Clean Technology Industry Alliance to join with Foresight in Spring 2021. With a new focus on unlocking Capital for Canadian cleantech ventures, Jason brings 20 years of experience in developing industrial and natural climate solutions, partnerships and policy with organizations including the Pembina Institute, Cenovus Energy, Shell, and IISD. A cofounder of the Canada Clean Technology Alliance and of Biological Carbon Canada, Jason is a vice-chair of the SIF-backed Clean Resources Innovation Network, and sits on the CSA Committee on Transition and Sustainable Finance and Alberta Ecotrust Low Carbon Innovation Fund Advisory Committee. Jason holds Masters' degrees in engineering and public policy from MIT, and co-hosts Canada's leading energy and environment podcast, [Pipelines and Turbines](#).

Jason leads Foresight's efforts to unlock capital for Canadian cleantech at all stages, including through supportive policy, dealflow events, growing Canada's angel community, fostering global investor relationships, and supporting Foresight's investment funds.



Jim Gibson

Calgary-based entrepreneur Jim Gibson is an active leader in the Alberta innovation ecosystem. With over 30 years of experience at the forefront of technology and change as founder of six different technology startups, Jim is a passionate advocate for “paying attention” to what’s coming and providing concrete examples of how we can all be leaders and role models for change. As a published author of the 2018 book, *Tip of the Spear: Our Species and Technology at a Crossroads*, Jim challenges the reader and listener to understand and respond to a new world that sees infinite possibilities meeting serious global problems head on.

Jim is helping support and create the next generation of entrepreneurs in the province at a critical time in its history. He is a founding partner of Calgary based venture studio, Thin Air Labs, cofounder of the *Rainforest Alberta* movement, former program lead of the Calgary Innovation Coalition, a mentor with the Venture Mentoring Services of Alberta, a member of the A100, and an advisor to many local startups.

He is a former board member of Alberta Enterprise Corporation (AEC) which is leading the public investment into venture capital in Alberta. Jim also served on the Board of Alberta Ballet for 10 years including 2 years as Vice-Chair and is former Chair of the Board of a private Calgary company focused on STEM education in schools across the world.

Jim lives in Calgary with his family, has a B. Comm. from the University of Toronto, an MBA in Entrepreneurial Studies from Schulich in Toronto and holds a Certified Management Consulting designation.



John Adams

Deeply rooted in the cleantech and energy ecosystem, John is President and Chief Executive Officer of NGIF Capital Corporation and Managing Partner of NGIF Cleantech Ventures, Canada's first venture capital firm and venture fund created by and for Canada's natural gas sector. He is involved in all aspects of the enterprise including the responsibility of NGIF Industry Grants, the NGIF Emissions Testing Centre and NGIF Cleantech Ventures.

John has led NGIF through growth and in its four years of raising capital, making investments, and managing its portfolio, it has provided financing to over 50 startups, de-risking clean technology solutions in Canada's gas industry. He has been integral to building NGIF's team and its reputation in the innovation community, taking new companies and their ideas from concept to commercialization.

John's additional contributions to innovation include occupying numerous board functions and duties. He currently sits on the Board of Directors of the Clean Resources Innovation Network (CRIN) and is a member of the International Gas Union's Research, Development, and Innovation Committee.

John earned his bachelor's degree from the University of Toronto in Environmental Science and is a graduate of the Berkley Venture Capital Executive Program.



Kendra MacDonald

Kendra MacDonald, CPA, CA, ICD.D, CFA, CRMA, CIA, CISA, is the CEO of Canada's Ocean Supercluster and is responsible for driving innovation and growth in the ocean economy. Together with a team working across six cities in Atlantic Canada, Kendra is focused on changing the culture of doing business in the ocean, increasing collaboration across ocean sectors, and broadening Canada's global reach.

Kendra was previously a Partner in Deloitte's Risk Advisory practice and the first Chief Audit Executive of Deloitte Global.

Kendra speaks regularly on the topics of innovation, future of work, and disruptive technologies, and also serves on the Board of the Canadian Chamber of Commerce and is the Past-Chair of the Newfoundland and Labrador Association of Technology Industries.

Over the course of her career, Kendra has both lived and worked in Ottawa, Montreal, Australia, and Hong Kong before moving to St. John's in 2010 where she now resides with her husband and two children.



Kevin Stashin

Kevin has 40 years of industry experience with junior and major oil and gas companies. Most recently, he was President and CEO of NAL Resources, a private intermediate oil and gas company that operated in Western Canada. He retired in January 2021 after over eight years guiding the company through significant growth and cost reduction phases. Prior to NAL, Kevin was the Vice President, Exploitation at Devon Canada Corporation during which he had oversight in areas of capital budget, exploitation, drilling and completions, and acquisitions and divestitures. His career at Devon began in 1992 with predecessor Anderson Exploration Ltd. where he rose within the organization to Vice President, Operations. Kevin also enjoyed an 11 year career at Petro-Canada in various operations and engineering roles.

Kevin graduated from McGill University with a BEng. and holds an MBA from the University of Calgary. He is a member of APEGA, APEGS, and the Society of Petroleum Engineers. Mr. Stashin currently serves as the Chair of the Board of the Petroleum Technology Alliance of Canada (PTAC), is a director of E3 Metals, a lithium developer and sits on the Clean Resource Innovative Network Board (CRIN). He was also a member of the Board of Governors with the Canadian Association of Petroleum Producers (CAPP), served as a Director of the Petroleum Society of CIM, Chair of the Board for the Calgary French & International School, the University of Calgary Engineering internship Council and was the oil and gas industry representative on the Alberta Water Council.



Monica Gattinger

Monica Gattinger is Director of the Institute for Science, Society and Policy, Full Professor at the School of Political Studies and Founder/Chair of Positive Energy at the University of Ottawa. Dr. Gattinger is an award-winning researcher and highly sought-after speaker, adviser and media commentator in the energy and arts/cultural policy sectors. Her innovative research programme convenes business, government, Indigenous, civil society and academic leaders to address complex policy, regulatory and governance challenges. She has published widely in the energy and arts/cultural policy fields, with a focus on strengthening decision-making in the context of fast-past technological change and markets, changing social values, and lower levels of trust in governments, industry, science and expertise.

Gattinger is Fellow at the Canadian Global Affairs Institute, board member of the Clean Resource Innovation Network, and serves on advisory boards for the Institute on Governance, the National Research Council Canada, the Nuclear Waste Management Organization, Pollution Probe and the University of Calgary. She Chairs the Editorial Board of the University of Ottawa Press and is a columnist for JWN Energy's Daily Oil Bulletin. Monica received the 2020 Clean50 Award for her thought leadership in the energy sector. She holds a Ph.D. in public policy from Carleton University.



Bradley Wamboldt

Bradley was appointed General Manager, Enterprise Technology at Suncor Energy in 2017. He supports the Enterprise-wide development and commercialization of disruptive technologies in the areas of improved sustainability of the existing Oilsands-to-product value chain, zero-emissions industrial power generation and alternative (renewable) liquid fuels. Prior to this appointment, he held a number of technical, operational and functional leadership roles in the company.

Before joining Suncor in 2003, Bradley worked for Shell Canada Ltd., where he held various roles in conventional oil and gas and in oil sands.

Bradley holds masters of business administration (with distinction) degree from the Ivey School of Business at the Western University and a bachelor of engineering (chemical) degree from McGill University.



C. Beth (Hardy) Valiaho

As Vice-President, Strategy & Stakeholder Relations, Beth represents the Knowledge Centre amongst global decision makers and financiers to accelerate engagement on and understanding of the deployment of carbon capture and storage (CCS); and focuses on helping to link CCS knowledge within Canada and with other countries to reduce locked-in investments and collaboratively support the goals of the Paris Agreement. Her understanding of complex climate change matters, policies and regulations, and international financing concerns act as a solid basis for assisting both national and international implementation strategies for technologies that support environmental targets.

Prior to joining the Knowledge Centre Beth worked briefly as legal counsel for the provincial Crown utility. She pairs this industrial perspective with regulatory knowledge as Acting Director of Climate Change with the Government of Saskatchewan. These positions are reflective of Beth's time with the National Round Table on the Environment and the Economy where she focused on analysing provincial/territorial climate action plans and making recommendations for low cost and sustainable pathways. Beth's legal education, teaching and practice have explored balancing energy, the environment, and social implications.



Raylene Whitford

Raylene Whitford is a Cree-Métis finance professional with a well-established career in finance and the energy sector. She is the founder of Canative Energy, a social enterprise which supports the economic development of Indigenous communities impacted by the energy sector in Canada and Ecuador, and INDIGI-X, a platform that connects Indigenous Professionals around the world.

Raylene's previous leadership positions include being an Executive Director for a company listed on the London Stock Exchange and directing a USD 42 billion capital efficiency project for a national oil company in the Middle East. In 2014, Raylene took a sabbatical from her corporate role with KPMG to return to Canada for a winter to roughneck on a triple-pad drilling rig in order to gain experience in the field.

A strong advocate for Indigenous Professionals gaining international experience, Raylene is a Chartered Accountant, has an MBA in Oil and Gas Management from Aberdeen Business School (Scotland) and is currently completing a PhD in Indigenous Studies and Business at the University of Alberta.

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Canative Energy: www.canativenergy.com

INDIGI-X: www.INDIGI-X.com