

Canada's Sustainability and Clean Tech Heroes

Canada's 2022 Clean50 Honourees

The Canada's Clean50 Honour is awarded annually to the 50 individual leaders (and small teams), 20 Emerging Leaders and 24 sustainability projects that have contributed the most to enhancing sustainability and the clean economy in Canada over the prior 2 years. Now in year 11, to date, 800+ remarkable individuals and 100+ projects have been recognized for their significant and measurable accomplishments, impact and leadership.

The annual **Clean50 Summit** brings together sustainability, policy and clean tech experts from disparate Canadian endeavors, seeking to enhance opportunities for these leaders to find new and innovative ways to collaborate. These individuals collectively

lead the fight against climate change and embrace a low carbon future, whilst at the same time, improving both corporate and environmental performance, and enhancing Canada's prosperity.

Honourees were chosen from ~1,000 nominees by Canada's leading ESG / corporate sustainability and clean tech search firm, Delta Management Group, with assistance from a distinguished team of advisors. The recognition afforded honourees would not be possible without support from Delta Management and our champions: **HP Canada, The Globe and Mail, Unilever, Vancity Community Investment Bank, CN Rail, Enwave, Quadreal, Resolute Forest Products, and Globe Series.**

Winners represent 16 categories that include every field of endeavour in Canada. The majority of individuals, drawn from commercial enterprises, are professionals who possess a deep understanding of sustainability and how to adapt those learnings to the benefit of their organizations. And in the process, help their employers increase profit and resiliency - and thus become more attractive to both employees and investors.

But to be successful, those organizations' efforts need government and energy utility support, clean technology to drive down emissions, and the technical knowledge shared by academics and environmental NGOs (ENGOs). Hence the need for a Clean50 Summit – where, through a Delta curated, extraordinary networking process, these diverse exemplary individuals can learn from each other and accelerate Canada's progress through ongoing collaboration.

- Amongst many other things, individual Clean50 honourees this past year have led organizations or efforts that have:
- Revolutionized the manufacturing of laundry detergent, enabling millions of consumers to ditch the plastic and get a whopping 32 laundry loads from a small envelope
 - Accelerated growth of 100s of clean & blue tech companies
 - Renewable Energy: In the heart of oil country, different honourees have built or enabled massive grid scale solar, geothermal and significant rooftop solar deployments
 - Led institutional property owners to "green" over \$10 Billion worth of real-estate
 - Contributed significant leadership to Canada's post-pandemic clean reset investment funds
 - Led the team that created the hydrogen strategy, the clean fuels standard and an energy efficiency retrofit program for Canada
 - Through ground-breaking investigative journalism, exposed government, crown corporation and industry environmental cover-ups
 - Created AI enabled tech to dramatically increase greenhouse crop yields while eliminating pesticides
 - Invented a nano-technology that doubles lithium extraction yields while eliminating 100% of water and 90% of chemical by-products in the process



 RICHARD FLORIZONE INTERNATIONAL INSTITUTE FOR SUSTAINABLE DEVELOPMENT	 KENDRA MACDONALD CANADA'S OCEAN SUPERCLUSTER	 DEBORAH BYRNE KEARNS MANCINI ARCHITECTS	 MAYOR VALÉRIE PLANTE CITY OF MONTRÉAL	 LICYCLE TEAM* (MEMBERS BELOW)	 BRUCE TAYLOR ENVIRO-STEWARDS	 DR. ELENA BENNETT MCGILL UNIVERSITY	 KELLY DEETON & WHITNEY MCQUADE BANK OF MONTREAL	
 FRASER ATKINSON GREENPOWER MOTOR COMPANY	 MARK THOMPSON NUTRIEN	 JONATHAN WILKISON GOVERNMENT OF CANADA	 MARLO RAYNOLDS GOVERNMENT OF CANADA	 GRANT ARNOLD BLUEARTH RENEWABLES	 AMANDA HALL SUMMIT NANOTECH	 BRAD LISKI TRU EARTH	 SUSAN UTHAYAKUMAR SCHNEIDER ELECTRIC	 VINAY SHARMA LONDON HYDRO



To learn more or make a nomination: www.Clean50.com
Follow us on Twitter: @clean50 #clean50

 ASSEMBLY OF FIRST NATIONS TEAM* (MEMBERS BELOW)	 CHRISTOPHER HILKENE POLLUTION PROBE	 ERIC ST-PIERRE IVEY FOUNDATION	 JEANETTE JACKSON FORESIGHT	 JOHN ADAMS PURPOSE BUILDING TEAM	 PURPOSE BUILDING TEAM* (MEMBERS BELOW)	 REGAN SMITH MANULIFE INVESTMENT MANAGEMENT	 MAYOR PHILIP BROWN CITY OF CHARLOTTETOWN		
 JUSTIN READMAN CITY OF KITCHENER	 DR. SANKAR DAS GUPTA ELECTROVAYA	 MATT HARPER INVINITY ENERGY SYSTEMS	 ELLIOTT CAPPELL WSP CANADA	 SABINA RUSSEL ZEN & THE ART OF CLEAN ENERGY SOLUTIONS	 PAUL SHORTHOUSE THE DELPHI GROUP	 SHAUN LONEY ENCOMPASS COOP	 EMMA GILCHRIST, CAROL LINNITT THE NARWHAL	 FATE SAGHIR MACKENZIE INVESTMENTS	 SHILPA TIWARI CITIZEN RELATIONS
 EMMANUELLE TOUSSAINT NOVA BUS & PREVOST	 MARTHA HALL FINDLAY SUNCOR ENERGY	 SARAH GOODMAN PRIME MINISTER'S OFFICE, GOVERNMENT OF CANADA	 MOLLIE JOHNSON GOVERNMENT OF CANADA, NATURAL RESOURCES	 PREMIER DENNIS KING PROVINCE OF PEI	 SEAN DRYGAS COLLIERS INTERNATIONAL	 KIRSTEN MARCIA DEEP EARTH ENERGY PRODUCTION	 GEOFF CLARK ACCELEWARE	 DR. SABER MIRESMAILI ECOATION	 MARYAM ANTIKCHI ECOATION
 POLYSTYVERT TEAM* (MEMBERS BELOW)	 APOORV SINHA CARBON UPCYCLING TECHNOLOGIES	 THOMAS STEINER ETALIM	 LOOP MISSION TEAM* (MEMBERS BELOW)	 TERESA SCHOONINGS BIMBO CANADA	 JENNIFER SICILIA RYCOM CORPORATION	 MIKE CRAWLEY NORTHLAND POWER	 PAULINE ALIMCHANDANI NORTHLAND POWER	 NEETIKA SATHE ALECTRA	 KATHERINE SPARKES INDEPENDENT ELECTRICITY SYSTEM OPERATOR

Team Members (l-r / top to bottom) LiCycle: Ajay Kochhar, Tim Johnston, Kunal Phalpher, Chris Biederman; Assembly of First Nations: Tonio Sadik, Curtis Scurr, Jamie Lavigne, Graeme Reed; Purpose Building: Peter Halsall, Douglas Webber, Eric Chisholm, Luka Matutinovic; Polystyvert: Marianne Lépinot, Prof. Roland Côté, Solenne Brouard Gallot; LOOP: Julie Poitras-Saulnier, David Côté

Special Award Winner:  The hp Canada Award for Sustainable Procurement Award (Deborah Byrne)

The Clean50 Awards would not be possible without the generous support of our champions:



CANADA'S CLEAN50

FIGHTING CLIMATE CHANGE



The Canada's Clean50 Awards are given annually to the 50 individual leaders who have done the most to advance clean capitalism and sustainable development in Canada over the prior 2 years. The full list of Clean50 individual honourees for 2022 appears in a different announcement. The program also recognizes Emerging Leaders, Lifetime Achievement and Top Sustainability Projects each year as profiled below. For more information, or to make a nomination, visit www.clean50.com

Projects selected based on their innovation and impact, and their ability to inform and inspire other Canadians to replicate.

457 ANEW Up-cycling Air Canada seats into Accessories	Beam Paint and Colour Inc. Indigenous Paint Company Beam Paints goes Plastic Free	BQE Water Kemess Selen-IX™ Plant for Selenium Removal	Earth Rangers The Earth Rangers App	Energy Futures Lab & Canada West Foundation Upcycling Well Sites
Enviro-Stewards & Bimbo Canada Bimbo Canada's Conservation Saves a lot of Dough	Foresight Canadian Cleantech Export Challenge Connect	Genus Capital Management Net Impact Score	Kanaka Bar Indian Band & ZN Advisory Services Community Resilience Plan	Kearns Mancini Architects Putman Family YWCA Passive House MURB
Learning for a Sustainable Future Youth Climate Action	Lemay The Phenix - Zero Carbon Retrofit	Moment Energy Retired EV batteries power Canada's remote regions	Natural Resources Canada The Hydrogen Strategy for Canada	Nerva Energy Group Inc. & Mohawk College Cleaner Air + Lower Energy For Schools
Ottawa Community Housing & Natural Resources Canada OCH Net-Zero PEER Pilot	Pembina, UDSI, Canada Post, Fresh City Farms, UPS Urban Delivery Solutions Initiative	Red Deer Polytechnic RDP's New Studio Residence	Solaires Enterprises Inc Solar Ink Development Project	TRAK International Green Energy Resources & Royalpark Homes Smart Energy System Model
West Kootenay EcoSociety & New Conversation Initiative Changing the Energy Conversation	Wilfrid Laurier University Sustainable Hawk Fund	Climate Reality Project Canada National Climate League 2020	TELUS \$100M Pollinator Fund for Good	



The best of the next generation of Canada's Clean50 Leaders. Each with extraordinary accomplishments measured against their years of experience.

TOVAH BAROCAS EARTH RANGERS	MONTANA BURGESS WEST KOOTENAY ECOSOCIETY	KEVIN DEAGLE INNOVATION, SCIENCE, & INDUSTRY, CANADA	KAI FAHRION VIRTUOSO ENERGY	ARIEL FELDMAN CHOICE PROPERTIES REIT	CHRISTINE GABARDO CERT SYSTEMS	SARA GANOWSKI ALECTRA UTILITIES	ELIZABETH GRESH THE GAIA PROJECT	JULIA HUNTER FOOD STASH FOUNDATION	BILAL JARMAKANI SOLAR-X
DAVID LUBA TENTREE	JOHN MCNALLY SMART PROSPERITY INSTITUTE	DR. RAMTIN RASOULINEZHAD AVL MANUFACTURING	SUMREEN RATTAN MOMENT ENERGY	AMANDA SAN FILIPPO IOAIRFLOW	BO SIMANGO AQUAFORT	MEGAN TAKEDA-TULLY SUPPLI	MIKE THIESSEN GENUS CAPITAL MANAGEMENT	DANA TIZYA-TRAMM VUNTUT GWITCHIN GOVERNMENT	TORI WAUGH CONSERVATION AG CONSULTING
GORDON COOKE BUILDING KNOWLEDGE CANADA	PROF. CHARLES HOPKINS YORK UNIVERSITY	CHIEF PATRICK MICHELL KANAKA BAR INDIAN BAND	LYNN MUELLER SHARC ENERGY SYSTEMS	GODO STOYKE CARBON BUSTERS					



Special Awards: TELUS Community Service Award: finalists, winner (Tori Waugh); Vancity Investment Bank Energy Conservation Community Champion (OCH & NRCAN)

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