

Canada's Sustainability and Clean Tech Heroes

Canada's 2019 Clean50 Honourees

The Canada's Clean50 Honour is awarded annually to the 50 individual leaders (and small teams) who have contributed the most to enhancing sustainability, clean tech and clean capitalism in Canada over the prior 2 years. Now in its eighth year, in total, over 450 remarkable individuals have been recognized for their significant accomplishments 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 find new and innovative ways to collaborate. These individuals collectively lead the fight against climate change and embrace a low carbon future, improve both corporate and environmental performance, and enhance Canada's prosperity

Clean50 leaders come from many backgrounds. The majority, 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, increase profits and resiliency – and help those organizations 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 ENGOs. Hence the need for a Clean50 Summit – where these exemplary individuals can learn from each other, collaborate and accelerate progress.

Amongst many other things, individual Clean50 honourees this past year have led organizations or efforts that have:

- Led Vancouver to become the greenest city in North America
- Figured out how to capture CO₂ from the air, in a way it can be sequestered or converted to clean gasoline for \$1.00 a litre
- Revamped the BC building code: all new commercial and multi-family buildings to be net zero energy by 2021
- Figured out how to make plastic out of food waste instead of fossil fuels
- Devised 5 different ways to revolutionize transportation
- Figured out how to make carbon NEGATIVE concrete, from steel slag eliminating carbon intensive cement
- Decommissioned 10 million sq ft of corporate offices, avoiding 140,000 Tonnes of CO₂e and 40,000 tonnes of landfill waste
- Led Cascades to cut GHGs by 50% since 1990, targeting a further 7% by 2020
- Turned billions of discarded water bottles into HP printer cartridges and printers



LISA BATE
B+H ARCHITECTS



STEVE BEAUCHESNE
BEAU'S BREWING CO.



JOE BILÉ, P.ENG.,
MBA
TORONTO HYDRO



CARBON ENGINEERING
TEAM**



2019
Clean
Outstanding Contributors to Clean Capitalism
50



KAREN HAMBERG
WESTPORT FUEL
SYSTEMS



TREVOR LANGDON
GREEN STANDARDS



JEAN LUC LAVERGNE
THE LAVERGNE GROUP



MARIO PLOURDE
CASCADES



ANNICK CHAMPOUX,
PUBLIC SERVICES



LAURE GÉRARD,
PUBLIC SERVICES



MAYOR GREGOR
ROBERTSON
CITY OF VANCOUVER



RON SEFTEL
BULLFROG POWER



SHIRLEY SPEAKMAN
CYCLE CAPITAL
MANAGEMENT



KATIE SULLIVAN
IETA



WAYNE WACHELL, CFA
GENUS CAPITAL
MANAGEMENT



DR. JENNIFER WINTER
UNIVERSITY OF CALGARY



DAN ZILNIK
AFARA



GUY ADAM, ING.
ALLIANCE
MAGNESIUM



KAZI AHMED
BETTERFROST
TECHNOLOGIES



HELLE BANK
JORGENSEN
GLOBAL COMPACT
NETWORK CANADA



2019
Clean
Outstanding Contributors to Clean Capitalism
50

To learn more or make a nomination: www.Clean50.com
Follow us on Twitter: [@clean50](https://twitter.com/clean50) #clean50



MAIA BECKER
ROYAL BANK OF
CANADA



ERIC BECKWITT
FREIGHTERA



ARNOLD BERCOV
PUBLIC AND PRIVATE
WORKERS OF CANADA



DALE BEUGIN
CANADA'S ECOFISCAL
COMMISSION



MIKELE BRACK
URBAN LIVING
FUTURES



SARAH BUCKLE
TRANSLINK



BRUCE MANWARING
ENBRIDGE GAS



MARY SYE
ENBRIDGE GAS



MIRANDA FULLER
OXFORD COMMUNITY
ENERGY COOPERATIVE



GENECIS
BIOINDUSTRIES **



SEBASTIEN
GENDRON
TRANSPOD



NADINE GUDZ
INTERFACE



SHANNON HARDING
CLEAN FOUNDATION



GORD HICKS, P. ENG.
BGIS



DR. PATRICK KIELY
ISLAND WATER
TECHNOLOGIES



KAREN LOCKRIDGE
MERCER CANADA



MEHRDAD
MAHOUTIAN, PHD,
PENG
CARBICRETE



PETER MCARTHUR
ROYAL BANK OF
CANADA



LIZ MCHARDY, MBA
LURA CONSULTING



JENNIFER
MCLAUGHLIN
BLACKBERRY LIMITED



JOSEPH PALLANT
BRINKMAN CLIMATE



SEAN PANDER, P.
ENG
CITY OF VANCOUVER



SIMON PICKUP
HYDRA ENERGY
CORPORATION



GRACE QUAN, MBA,
CPA
HYDROGEN IN MOTION



DAVE RAMSLIE,
MSC
CONCERT PROPERTIES



SOLEDAD REEVE*
PROVINCE OF BRITISH
COLUMBIA



DR. PETER ROSS
OCEAN WISE
CONSERVATION
ASSOCIATION



DEBBIE SCHARF
NATURAL RESOURCES
CANADA



CRAIG SCOTT
ECOLOGY NORTH



KRISTI SOOMER
ENCIRCLED



CHRISTIE
STEPHENSON
UBC



GEORGE
TSINTZOURAS
ALERT LABS



DAVID VAN SETERS
SUSTAINABILITY
VENTURES GROUP

*Soledad Reeve is the inaugural recipient of the HP "Clean50 Sustainable Procurement" Award.

**Team members: (top row / bottom row, left to right): Carbon Engineering Team: Steve Oldham, Geoffrey Holmes, David St. Angelo, Kenton Heide

**Genecis Bioindustries Team: Luna Yu, Michael Williamson, Marcos Igreja, Hasitha de Alwis Weerasekera, are also the winners of the OCE "Clean50 Innovation in Ontario" Award.

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



CANADA'S CLEAN50

FIGHTING CLIMATE CHANGE







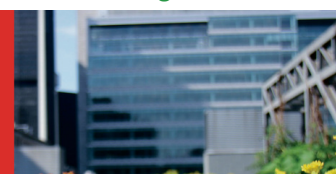
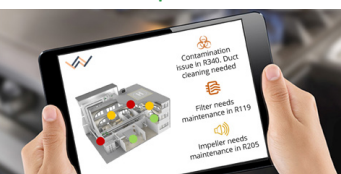
All of the 2019 Clean16, 48 of the 50 2019 Clean50, and all 10 2019 Emerging Leaders, pictured here, were amongst the 120 sustainability and clean tech leaders who gathered from across Canada to participate in Clean50 Summit 8.0 at Wychwood Barns in Toronto. Participants, who included approximately 30 Clean50 Alumni, including Clean16 2016, Ontario's past premier Kathleen Wynne, each engaged in 3 different work groups, 30 in all, and

debated the merits of the various ways in which Canada could move to a more prosperous low-carbon economy. Post-Summit outcomes have included work on a "Canadian Clean Freight Standard" and a group advancing sustainable procurement methods.

For more information, or to make a nomination, visit www.clean50.com
follow us on Twitter: [@clean50](https://twitter.com/clean50) [#clean50](https://twitter.com/clean50)



Selected based on innovation, and their ability to inform and inspire other Canadians

 <p>(BOMA) & Toronto Hydro race2reduce</p>	 <p>City of London - Water Engineering Using AI to Identify Leaking Water Mains</p>	 <p>City of Waterloo Poop Power</p>	 <p>Cleanfarms Improving Environmental Stewardship on Canadian Farms</p>	 <p>CN EcoConnexions: Major Cross Canada Reforestation Program</p>
 <p>Compugen Finance Refurbishing End-of-First-Life™ IT Products for Reuse</p>	 <p>Dextran & Enviro-Stewards Saving Water & Energy</p>	 <p>Ecology Action Centre Deep Energy Retrofit</p>	 <p>Embedding Project The Road to Context</p>	 <p>Enbridge Gas "Saving By Design" Program Review</p>
 <p>General Motors of Canada 'Assembly Plant Achieves Zero Waste to Landfill'</p>	 <p>Maple Lodge Farms & Enviro-Stewards, Conservation Assessment in the Poultry Industry</p>	 <p>Morguard & RYCOM Shopping Centre Smart Data Analytics Platform</p>	 <p>MAKING NATURE COUNT Municipal Natural Assets Initiative Municipal Natural Asset Management'</p>	 <p>Network for Business Sustainability Collaborating with Competitors</p>
 <p>Plug'n Drive Electric Vehicle Discovery Centre</p>	 <p>Pyrocycle New Technology to Recycle E-waste for Precious Metals</p>	 <p>Trinity College School Students "Green Cup Challenge"</p>	 <p>Ville de Montréal Montréal Sustainable Development Plan for 2016-2020</p>	 <p>WeavAir Using IOT Tech to Improve Air Quality and Reduce Energy Use</p>



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

 <p>STEVE LEE 3% PROJECT</p>	 <p>TREVOR DAVID SUSTAINALYTICS</p>	 <p>DANA DECENT INTACT CENTRE ON CLIMATE ADAPTATION</p>	 <p>MOHAMED KHALIL PH.D PYROCYCLE</p>	 <p>NATALIA MYKHAYLOVA, PHD WEAVER</p>	 <p>MARLEE KOHN OXFORD PROPERTIES</p>	 <p>NAEEM FAROOQI, PHD MSC. PL, BBA WSP CANADA</p>	 <p>JULIA-MARIA BECKER PEMBINA INSTITUTE</p>	 <p>SHOSHANNA SAXE, PHD, PENG UNIVERSITY OF TORONTO</p>	 <p>KEVIN QUINLAN CITY OF VANCOUVER</p>
---	--	--	--	---	--	---	---	--	--

Clean50 Summit Sponsors

