FINDING SOLUTIONS

Summer 2022 davidsuzuki.org



Co-founders David Suzuki and Tara Cullis promoted clean power and visited cutting-edge Indigenous-led renewable energy projects during their electric vehicle drive from Vancouver to Toronto in June.

Research you made possible — the first of its kind in Canada — points the way to achieving 100 per cent zero-emissions (NOT just net zero) electricity in this country by 2035.

Released in May, Shifting Power: Zero-Emissions Electricity Across Canada by 2035 models how Canada can quickly and affordably shift to reliable emissions-free electricity:

- Using only renewable sources like solar and wind, energy efficiency, connections between provincial utilities and innovations in storage and transmission.
- Taking existing fossil fuel projects off the grid and not rebuilding nuclear plants when they're retired.
- Avoiding new large hydroelectricity projects and carbon capture and storage technologies.
- Adding more than 75,000 new jobs in new power construction, operation and maintenance every year between 2025 and 2050.

As more electric vehicles and other electrified climate solutions come on board, moving from fossil fuel—powered electricity to clean sources is critical.

Equally essential: decolonizing power sources and respecting Indigenous rights. As *Decarbonizing Electricity* and *Decolonizing Power: Voices, Insights and Priorities from Indigenous Clean Energy Leaders* (the companion report you powered) notes, all existing and future energy projects in Canada are on either unceded Indigenous territories or treaty lands.

Both reports are the latest from the three-year Clean Power Pathways project.

Thanks to you, we continue to speak to governments on what a zero-emission transition could look like and hold Canada accountable to a stringent clean electricity standard.

Read more and watch the video at davidsuzuki.org/clean-electricity



SUPPORTING GREEN SPACES DEDICATED TO RECONCILIATION

"By establishing a Healing Forest, anyone can take that first step to bring people together, help them reflect on this country's tragic past and connect with nature and each other."

PATRICIA STIRBYS, CO-FOUNDER, NATIONAL HEALING FOREST INITIATIVE

You made it possible for us to partner with the National Healing Forest Initiative to grow its network.

Thanks to you, we're providing financial support to 17 communities for new Healing Forests this year. Awards will be announced Friday, September 30, 2022 — Canada's National Day for Truth and Reconciliation, also observed as Orange Shirt Day.

Healing Forests are green spaces dedicated to the first inhabitants of the land and their descendants. They combine reconciliation and healing into one immersive experience.

They're places for learning, sharing and reflecting on Canada's history and the legacy of residential schools.

Unique to each community — what they look like isn't prescribed — they can be urban or rural, big or small, an actual forest or a dedicated green space.

They honour residential school victims, survivors, and their families; murdered and missing Indigenous women and girls and two-spirit people; and children taken from their families who often ended up in the welfare system.

They also help people connect with nature and each other, promoting health, healing and community.

Saulteaux Cree non-practising lawyer Patricia Stirbys and geologist and international development consultant Peter Croal founded the National Healing Forest Initiative following the Truth and Reconciliation Commission's final report in 2015.

Find out about the new Healing Forests you supported and how you can get involved at davidsuzuki.org/healing-forests

LIFTING UP YOUNG LEADERS

You helped create Prix Demain, which recognizes inspiring grassroots projects led by people building the Canada of tomorrow. It launched in Quebec in 2014. You also powered a parallel pilot — Future Ground Prize — launched in Ontario in spring 2021.

This year, you made it possible for Future Ground Prize to expand to include British Columbia. It focused on youth leaders from elementary school through university — the

next generation of environmental leaders. Young people were also part of the jury.

Winners were announced on June 21 at a virtual celebration hosted by environmental researcher, author and Canada's Top 100 Most Powerful Women recipient Naila Moloo. The four winners presented their projects to David Suzuki and Foundation executive director Severn Cullis-Suzuki. Our partner Desjardins provided the prize money.

THANKS TO YOU, THESE YOUNG ENVIRONMENTAL LEADERS ARE GETTING THE ATTENTION THEY DESERVE

A jury of environmentalists and young activists chose the first two prizes. Between May 16 and June 13, 2022, 8,566 people voted online for the People's Choice Prizes.



PHOTO: HANNAH WICKI



PHOTO: MARIANNE GRIFFITH



PHOTO: JOLAINE CANTY



PHOTO: JACKIE RYAN

GRAND PRIZE: CLIMATE EDUCATION REFORM BC (\$5,000)

"Climate justice education is the future and that future must start now." NAOMI LEUNG, CERBC COORDINATOR

Started by three high school students in Vancouver and powered by an army of young volunteers, their "Reform to Transform" campaign advocates for climate change education in British Columbia that centres intersectional and justice-driven learning and addresses the colonial roots of the climate crisis. Their winnings will equip and mobilize community members via in-person events such as art builds and teach-ins.

RISING STAR PRIZE: LOLA BEES (\$1,000)

"Getting kids involved in natural beekeeping empowers them to become pollinator protectors in their community and beyond."

MARIANNE GRIFFITH, LOLA BEES

Six junior beekeepers aged eight and under tend to this London, Ontario learning apiary's 13 beehives, which house 260,000 pollinators. The group teaches beekeeping practices to all youth via hands-on, fun and educational spring and summer workshops. Their prize will buy more bee suits for kids.

PEOPLE'S CHOICE PRIZE, B.C.: SEAVIEW TAKES A STAND (\$2,500)

"[Our] goal is to ... teach them that they have the ability and obligation to make positive environmental changes in their individual lives, communities and globally."

JOLANIE CANTY, TEACHER, SEAVIEW TAKES A STAND

Chaperoned by four teachers, the 270 students at Seaview Elementary in Lanzville, B.C. want their school to become a zero-waste, cultural and environmental learning leader. Their prize money will support Hul'quimi'num lessons, plant education and getting each classroom a food cycler to put compost back into their soil and gardens.

PEOPLE'S CHOICE PRIZE, ONTARIO: CHILDREN'S LAND'S CANADA (\$2,500)

"We are grateful to ... be a part of a movement that recognizes and honours the insights and wisdom of young people."

JACKIE RYAN. CHILDREN'S LAND CANADA

Recognized by the United Nations Educational, Scientific and Cultural Organization for best practice in education for sustainable development, this group is child-centred, child-owned and child-driven. Operating just outside of Hamilton, Ontario, they've created a wetland, a forest, a hiking trail system, a fruit orchard, a children's garden and more. They're generously splitting their prize evenly between the ll non-winning finalists.

2

BANNING FOSSIL FUEL EXPLORATION AND EXTRACTION IN QUEBEC — A WORLD FIRST

"Quebec has ended fossil fuel exploration and development projects on its territory — a historic victory for its ecosystems and population...proving that it's possible to act on the science the climate emergency requires."

CHARLES BONHOMME, DAVID SUZUKI FOUNDATION

You helped power Quebec to become the first jurisdiction on Earth to ban fossil fuel development in its territory — a visionary lead for all of Canada, and the world.

Thanks to persistent pressure from thousands of residents, environmental groups like ours and Indigenous Peoples, in April 2022 Quebec closed the door on oil, gas and coal extraction and production for good.

The decision is in line with the province's goal to reduce its dependence on fossil fuels to fight climate change, including reducing its greenhouse gas emissions by 37.5 per cent from 1990 levels by 2030.

It came after many extraction projects were cancelled, one after another, including Old Harry in the Gulf of St. Lawrence, shale gas in the St. Lawrence Valley, fracking on Anticosti Island and oil and gas in Gaspésie.

Quebecers are more likely than other people in Canada to say Earth is warming, that humans are the cause and that they're feeling its negative effects. That could be why Quebec is also leading the country in finding climate solutions and quickly acting on them.



Leading up to its ban, Quebec said no to a 780-kilometre liquefied natural gas pipeline that would link northeastern Ontario to Quebec's magnificent Saguenay River.

PROMOTING A WELL-BEING ECONOMY

An economy isn't something that emerges from nature. It's a human construct. Our economic system (based on exploiting nature, overconsumption, perpetual growth and an unhealthy pursuit of profit) isn't working for people or the planet.

Thanks to you, we've partnered with the Wellbeing Economy Alliance to initiate the Well-being Economies Alliance for Canada and Sovereign Indigenous Nations, a national hub working to reimagine an economic system purpose-built to generate well-being.

A well-being economy is based on policies, practices and activities designed to ensure equity, fairness and dignity, and to deliver well-being to all people within Earth's limits.

This idea isn't new. It's at the heart of Indigenous Peoples' and a number of Western world views.

WEAll CAN aims to get to the root of the economic "software" and, with imagination and a diversity of world



views, achieve a new way of thinking about the economy and its purpose.

The good news: reimagining an economic model only requires creativity, ingenuity and will — all limitless resources.

Learn more at weallcanada.org

LAUNCHING CANADA'S FIRST VIRTUAL CLIMATE LAB

How can we decarbonize society and the economy while benefiting those directly affected by climate change? How can we ensure climate legislation considers equity and social justice? How can we make science accessible to all?

Our new online Climate Conscience Lab aims to explore those questions and more by:



PHOTO: GABRIEL PELLAND

- Breaking down divides between climate literacy and activism
- Humanizing the climate sciences
- Advocating for climate justice
- Spurring collective, creative and community-based climate action
- · Leveraging the power of art to raise awareness

Current projects include urban forestation and equity research, investigations into legal innovation for planetary health and a book of environmental justice stories.

To celebrate the launch, we partnered with Pop Montreal for a live climate justice art activism poster exhibit from April 22 (Earth Day) to May 6, 2022. It featured works by 16 Indigenous and non-Indigenous artist-activists and performances by the Kahnawà:ke Youth Collective, Mi'kmaw activist Nadia George, Inuk artist Beatrice Deer and trilingual (French, English, Creole) beatmaker and guitarist Waahli.

MARKING A YEAR OF SUCCESSFUL GRASSROOTS MOBILIZATION

You power Future Ground Network, an online hub connecting and educating community-led activists throughout Canada. From March 31 through April 6, it celebrated its one-year anniversary with a virtual open house, bringing together community organizers' perspectives from within the network and beyond.

These virtual events:

- Created spaces for people to learn from one another and share successes
- Strengthened relationships between groups
- Promoted benefits of belonging
- Hosted diverse speakers
- · Recruited new members

People were invited to take part in three events:

Centring community emphasized the importance of building community and coalitions via strong, reciprocal relationships, including how mutual aid is a form of resistance.

Impact decision-making discussed how to influence policy through advocacy, media relations and direct action.

Resourcing the movement considered strategies for supporting organizing work and movement spaces, including how to apply for grants, grassroots fundraising, skill sharing and redirecting resources to the front lines.



PHOTO: FELIX LEGAULT-DIGNARD

Interested in getting involved or know someone you think might be? Find out how at futuregroundnetwork.org

(Get inspired by this video of FGN organizers: bit.ly/FGNorganizers)

TAKE A HIKE

Want to feel healthier, happier and more peaceful? Add a daily dose of nature to your routine.

As many long cultural histories hold and science backs up — nature heals.

An increasing volume of evidence shows that being regularly immersed in a natural setting, like a park, wetland or woodlot:

·Reduces anger, blood pressure, anxiety, depression, stress levels, obesity and risk of heart attack

- ·Boosts energy, creativity and immunity
- · Makes people nicer and more empathetic, with more meaningful relationships and increased community involvement

So the next time someone tells you to take a hike, take them up on the offer and invite them to come along.

Get outdoors all year long. Take the One Nature Challenge at

bit.ly/One-Nature-Challenge



MAKING A BIG DIFFERENCE FOR TINY CREATURES

"Ten out of 19 endangered insects in B.C. are butterflies."

MICHELLE TSENG. UNIVERSITY OF BRITISH COLUMBIA

Butterflies face toxic pesticides, climate change and habitat loss due to land development. But their greatest challenge: the lack of data about them.

You're helping change that. This year, you recruited and trained

PHOTO: SUE ELWELL

330 volunteers from all over British Columbia to take part in our Butterflies in My Backyard community science project.

Observers — called "seekers" — from 95 municipalities photographed butterflies and recorded their sightings on our iNaturalist page.

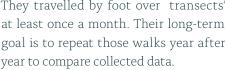
One hundred and nine of the participants also signed up as "walkers." They travelled by foot over transects* at least once a month. Their long-term goal is to repeat those walks year after year to compare collected data.

Michelle Tseng, a researcher specializing including a buddy system.

In addition, more than 1,000 students

Learn more at

*A transect is a designated path on which people count and record what they're studying. It could be along recognized David Suzuki Foundation Butterflyway garden corridors or other neighbourhood



in aquatic and insect ecology and evolutionary biology at the University of British Columbia, determined some of the transects. She also outlined their parameters — time of day, ideal temperature, cloud cover, wind — and, of course, always prioritized safety,

from 35 schools took part in the 2022 BIMBY BioBlitz — an event to identify as many butterfly species as possible.

bit.ly/butterflies-in-my-backyard

trails filled with native pollinator plants.



A publication of the David Suzuki Foundation, a registered Canadian charity working to protect the diversity of nature and our quality of life, now and for the future.

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MAKING WAVES IN THE SEAFOOD **SUPPLY CHAIN**

Sustainable seafood doesn't compromise fish populations, the environment or human rights. And people in Canada want to know whether what they buy is farmed or wild and where it actually came from.

Donors like you have made it possible for us to support SeaChoice — dedicated to ensuring seafood sustainability throughout the supply chain — since it began in 2006.

SeaChoice launched Seafood Progress in 2018. The platform assesses eight major grocery store chains (where most people buy seafood) against 23 performance indicators, lets people compare 13 popular brands and makes it easy to tell all of them to do better.

It's making a difference. Following SeaChoice's guidance, suppliers reported these first-time milestones:

- Six brands clearly committed to sustainability, referencing credible standards and publicizing them on their websites
- · Nearly half the brands reported on the percentage of seafood they sold that meets their sustainability commitments
- Retail giant Costco's overall score increased by nearly 50 per cent

But many stores and brands have yet to rise to the challenge. You can help. Get informed at **SeafoodProgress.org** and vote with your wallet!

EDUCATION SHOULD INCLUDE INDIGENOUS KNOWLEDGE AND WISDOM

The goal of education must be more than providing information and skills to help people find their place in society. It must give insight into the society or country, its people, its claims and aspirations and how those fit into the global community.

This is crucial as we confront the catastrophic crises of climate change and mass species extinction.

But institutionalized education often ignores our connection to nature. Many urban kids grow up thinking nature is separate from them.

The atmosphere gives us air to breathe and weather, climate and seasons. It surrounds us and is inseparably within us. All our cells are inflated by water, enabling metabolic reactions. Our nutrition comes from animals and plants, most grown in soil that's a living mix of organic and inorganic material. Energy released by burning fuels and in our bodies — allowing us to move, grow, work and play — is sunlight captured through photosynthesis in plants. These sacred elements are cleansed, replenished and created

by the web of living things we call "biodiversity."

For 95 per cent of human history, that was our understanding of our place on Earth. We were nomadic huntergatherers who followed plants and animals through the seasons and on their migrations. Only very recently, our human created institutions — legal, economic, political — have been elevated above and outside of the natural world with no reciprocity, a responsibility to ensure nature's continuing abundance and generosity.

For Indigenous Peoples struggling to retain responsibility for their part of the planet, earth (soil), air (atmosphere), fire (sunlight) and water are sacred gifts, and other species are biological kin that generously allow themselves to be taken and used by people. In ceremony that persists, Indigenous Peoples celebrate and give thanks for nature's abundance and generosity while acknowledging a responsibility to act properly so it can continue. This reciprocity includes the idea of generations — usually seven — of ancestors and those to

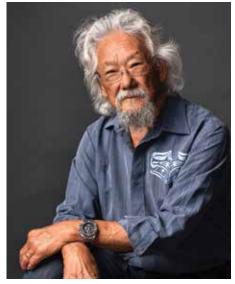


PHOTO: JENNIFER ROESSLER

come. Canada was not founded on this perspective, so it hasn't been part of formal education here.

The failure of education systems to incorporate the Indigenous perspective is evident every time people insist they can do whatever they want, regardless of the consequences to the greater good. We can't free ourselves from responsibility when the air in our lungs is part of the matrix shared by all other human and non-human animals, and plants.

Freedom without responsibility creates chaos. Education has to go beyond the narrow lessons taught in schools.



WHAT WILL YOUR LEGACY BE?

Want to make a lasting impact on what you care about? A legacy gift in your will can provide hope for future generations. You'll safeguard species, habitat — entire ecosystems. You'll fight for every person in Canada's right to breathe clean air, drink safe water and eat toxic-free food. You'll support urgent, innovative solutions to the greatest threat to life as we know it: climate chaos.

When you include us in your estate plans, you're safeguarding Earth's life-support systems for people today, tomorrow and into the future.

Contact Aïsha Poitevien, legacy giving manager, to learn more: legacy@davidsuzuki.org