

Increasing Climate Literacy in Your Community



Kristen Andrews

Outline

1. One Librarian's Journey

2. BCLA Climate Action Framework

3. RegenBC Workshop Demo

4. Climate Programming in Practice

5. Q & A

Journey Into Action – Personal Life



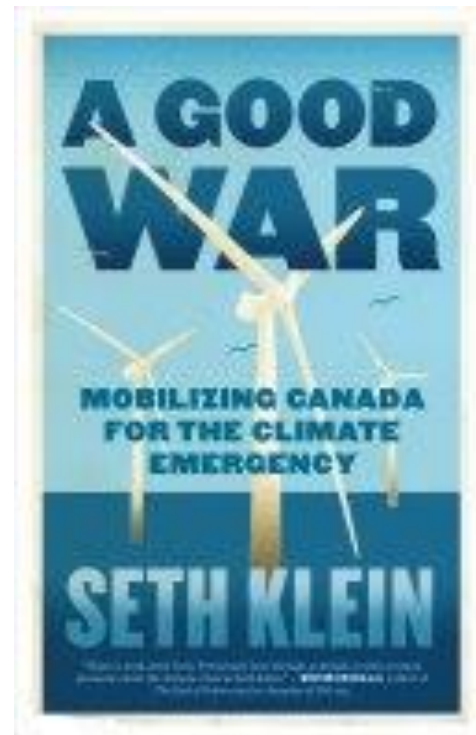
How have an impact?

- Individual changes
- Educate myself
- Charitable donations
- Talks with family & friends

Journey Into Action – Work Life

Seth Klein talk to BCLA June 2021:

**The Climate Crisis and Libraries:
Mobilizing for the Climate Emergency**



Canadian Libraries in World War II

- Support for the War Effort
- Education and Training
- Community Engagement
- Information Hubs



Journey Into Action – Work Life

@Surrey Libraries

- management team discussion
- added goal to annual workplan
- added value of sustainability to 5-year strategic plan

Journey Into Action – Work Life

Surrey Libraries Climate Team:

- gathered ideas from libraries, organizations & staff
- participated in BCLA Climate Action Committee
- wrote Climate Action Plan
- joined Sustainable Libraries Initiative

Journey Into Action - NWPL Program



TUESDAYS MARCH 7, 14, 21, APRIL 4 & 11
6:00PM - 7:30PM NWPL MAIN BRANCH



GETTING INTO **ACTION** ON CLIMATE SOLUTIONS

5 WEEK **CLIMATE SOLUTIONS** COURSE
In this 5-part series, find hope in action. Join educators from **RegenerateBC** to design an action plan for you, your family or your community. Let's fight climate change together!

TO REGISTER or for more info:
Email AskUs@nwpl.ca or **Call** 604.527.4666. Classes are **FREE to ATTEND!**

Four Levels of Action

Individual

Family & Friends

Community /
Neighbourhood

System/Government
/Policy

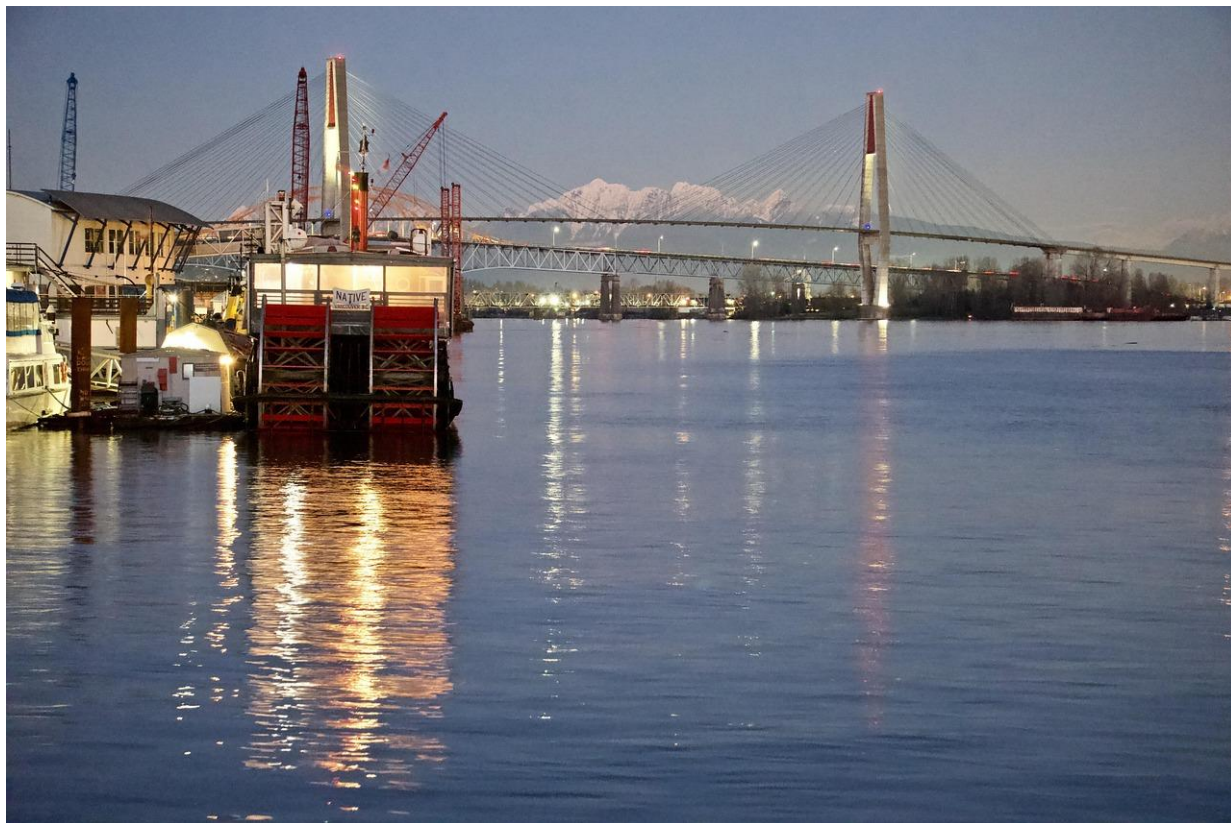
Big takeaway:

We have the solutions
but lack the political will



Participant → Library Host → Volunteer





Caitlin MacRae
cmacrae@nwpl.ca



Climate Action Committee

climateaction@bcl
a.bc.ca

BCLA Climate Action Statement

- Statement of responsibility
- Guidance to understand libraries' roles
- Path for positive action
- Supplement to other climate action plans/goals/lenses



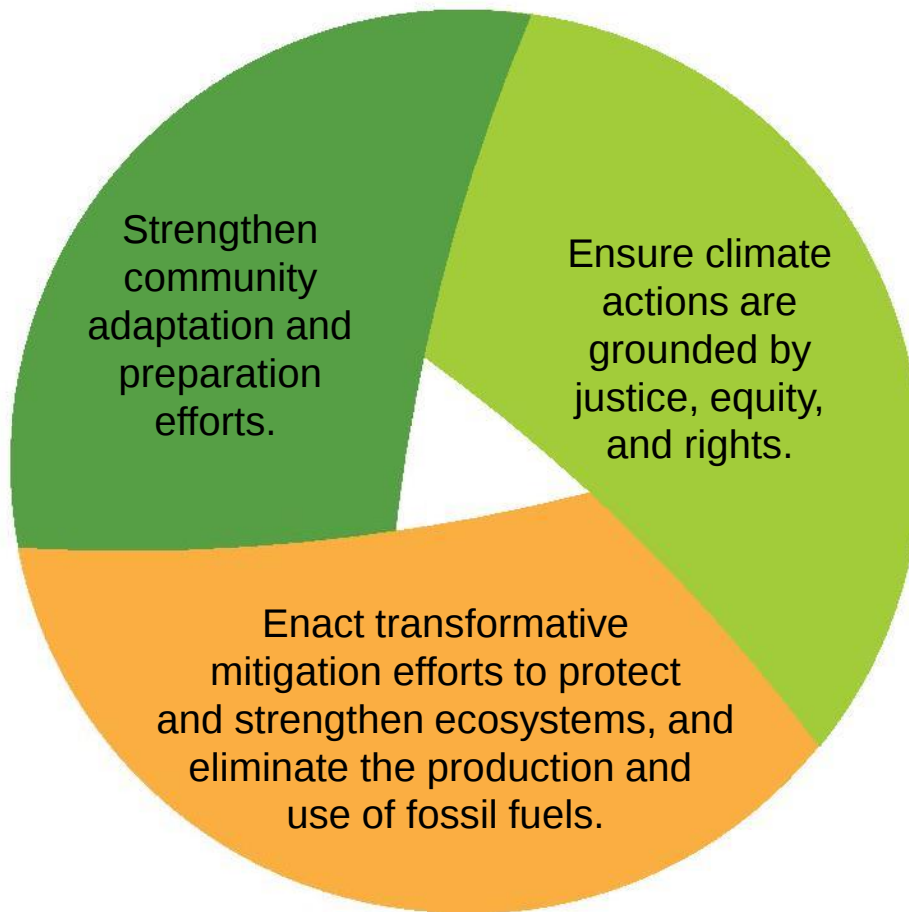
BCLA

CLIMATE ACTION STATEMENT:

Essential Climate Justice
Responsibilities in the
Library Sector



3 Core Priorities for Climate Action and Advocacy



10 Calls to Action

1. Advocacy

Advocate for climate action at the scale that is necessary.

2. Social justice

Support just and inclusive solutions based in social justice.

3. Leadership

Demonstrate institutional leadership on climate change.

4. Plans

Embed climate justice into library policies and plans.

5. Education

Increase climate emergency education and capacity for learners and employees within the library sector.

6. Institutions

Work with governments and broader institutions.

7. Community

Partner with community organizations.

8. Services

Support and build community resilience through programs and services.

9. Information

Strengthen our role in providing access to climate emergency information, countering misinformation, and supporting research and education.

10. Operations

Accelerate and strengthen climate change mitigation efforts to make library services and operations sustainable.



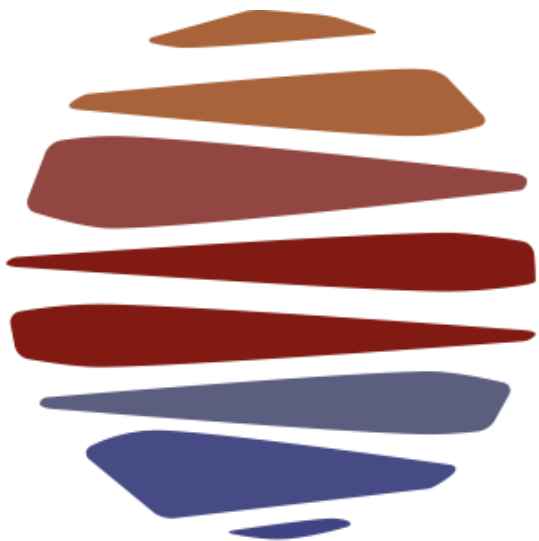
Our Values

- Creativity & Critical Thinking
- Environmental Sustainability & Justice



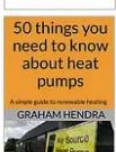
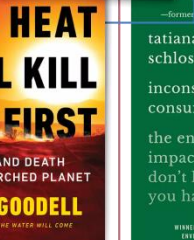
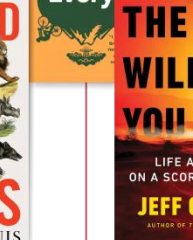
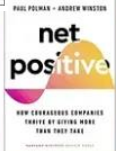
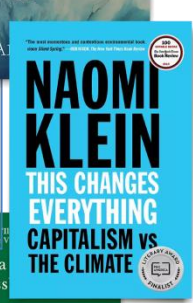
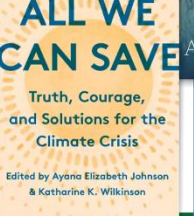
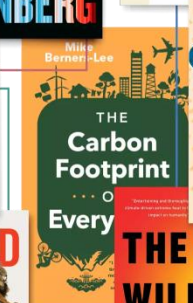
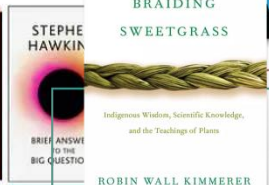
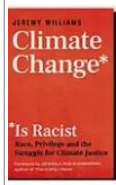
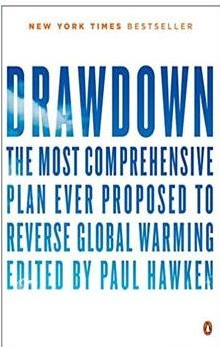
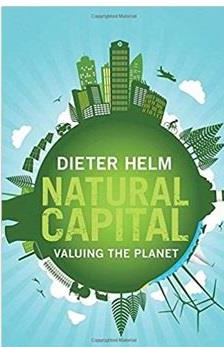
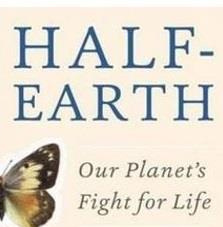
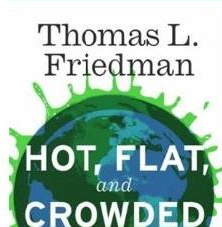
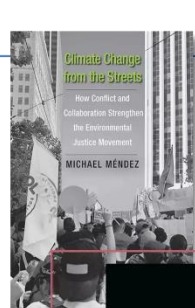
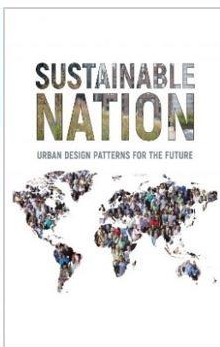
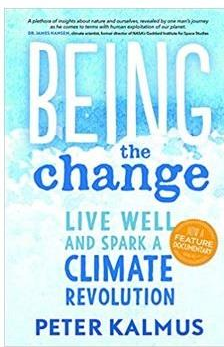
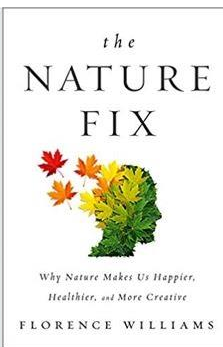
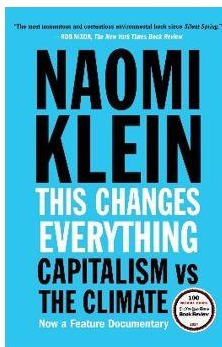
BCLA promotes action on climate change and environmental sustainability, and recognizes the interdependence between climate, ecosystem health, diverse forms of knowledge and the long-term health of all communities

- Inclusion & Diversity
- Intellectual & Ethical Integrity
- Intellectual Freedom
- Lifelong Learning
- Privacy & Confidentiality
- Social Responsibility



climate action week

Libraries and communities acting together





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GETTING INTO **ACTION** ON CLIMATE SOLUTIONS

5 WEEK **CLIMATE SOLUTIONS** COURSE
Action must be taken on climate change at every level - but where to start?
Join educators from **RegenerareBC** to make an action plan for you, your family or your community. Work through the climate science in this 5 week course & find hope in action.

“”
NWPL”

FREE TO ATTEND! Registration required. **BRING A FRIEND OR NEIGHBOR!**
For more information:
Email AshL@nwpl.ca Call 604.527.4665



How we started

- Library publicity
- Neighbourhood Residents' Associations
- School newsletters
- Science teachers
- Local media
- Cross promoting at other programs
- Working with City's promotional team

Other things I've tried (don't be afraid!)

- Connecting with faith groups
- Regional or national media (CBC)
- Local businesses
- Kids' sports teams
- Newcomer groups & support services

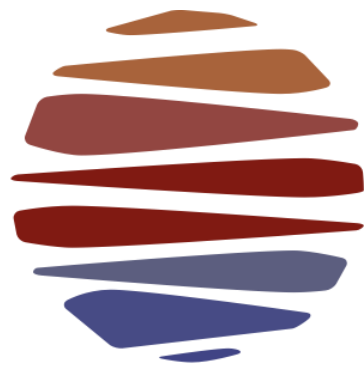
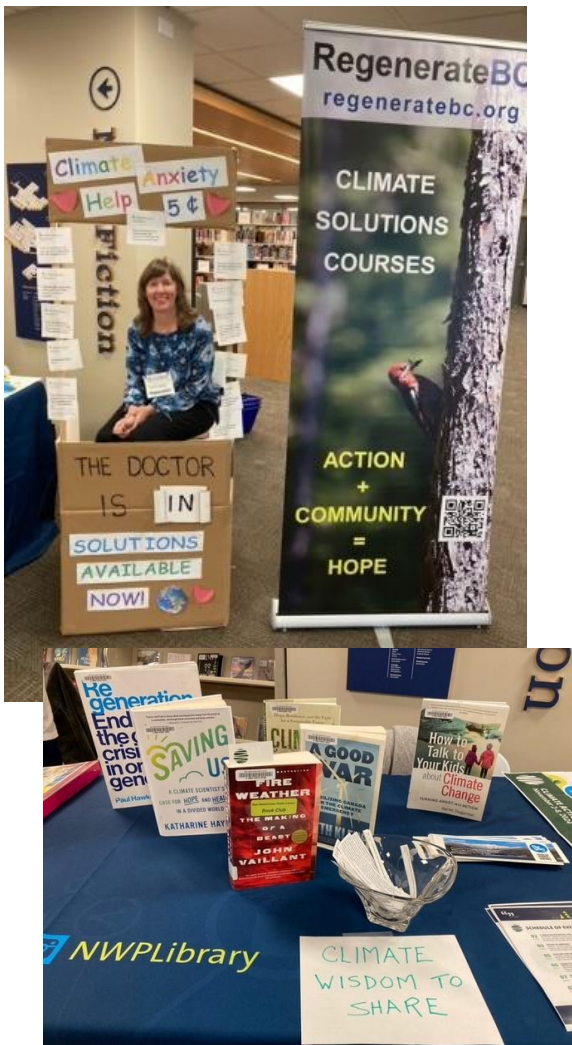
“Good blend of science,
practical solutions and
local information.”

“It was all done in a
fun and engaging
way!”

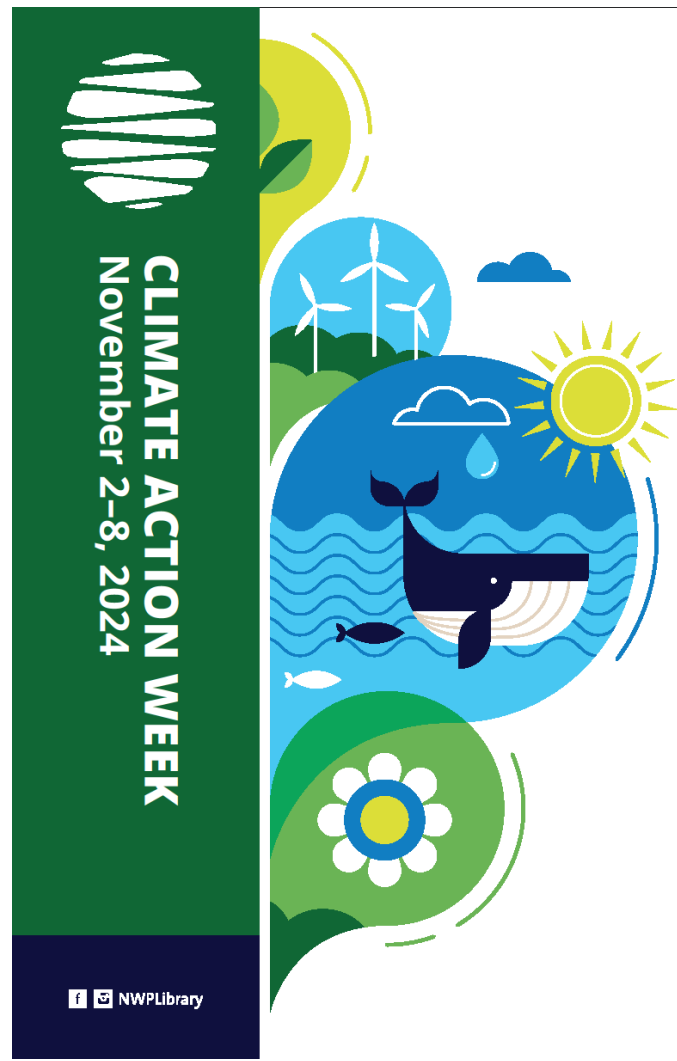
“Focus on
positive and
doable actions”

“The content and
delivery was
relatable,
scientifically-founded
and addressed many
questions.”

“New information and
opportunities to meet
people”

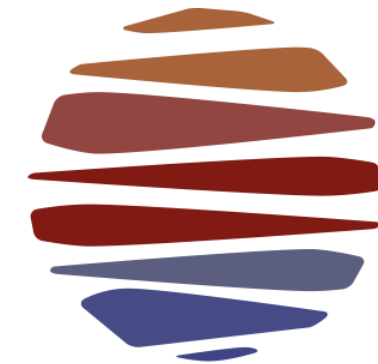


Climate Action Week at NWPL 2024





Climate Action Week in BC Libraries:
ART FOR ACTION
November 4-11, 2023



Climate Action Week at NWPL 2023

with *The Chamber of Predetermined
Outcomes* by George Rammell



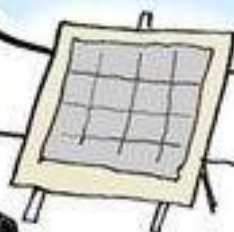
Joan
Gillies



CLIMATE SUMMIT

WHAT IF IT'S
A BIG HOAX AND
WE CREATE A BETTER
WORLD FOR NOTHING?

- ENERGY INDEPENDENCE
- PRESERVE RAINFORESTS
- SUSTAINABILITY
- GREEN JOBS
- LIVABLE CITIES
- RENEWABLES
- CLEAN WATER, AIR
- HEALTHY CHILDREN
- ETC. ETC.



10/7/19 USA TODAY
JUL PITT



CLIMATE SOLUTIONS 101

Joan Gillies
Kristen Andrews

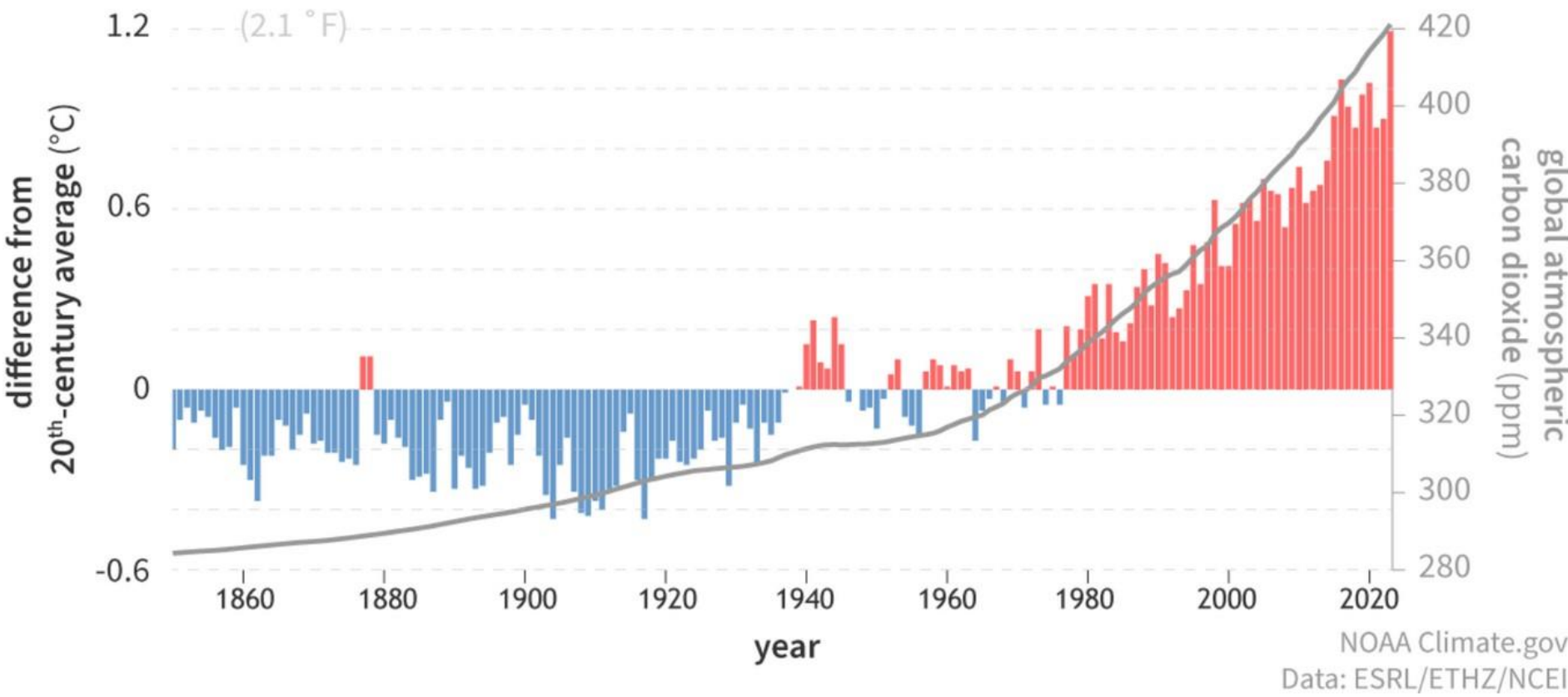


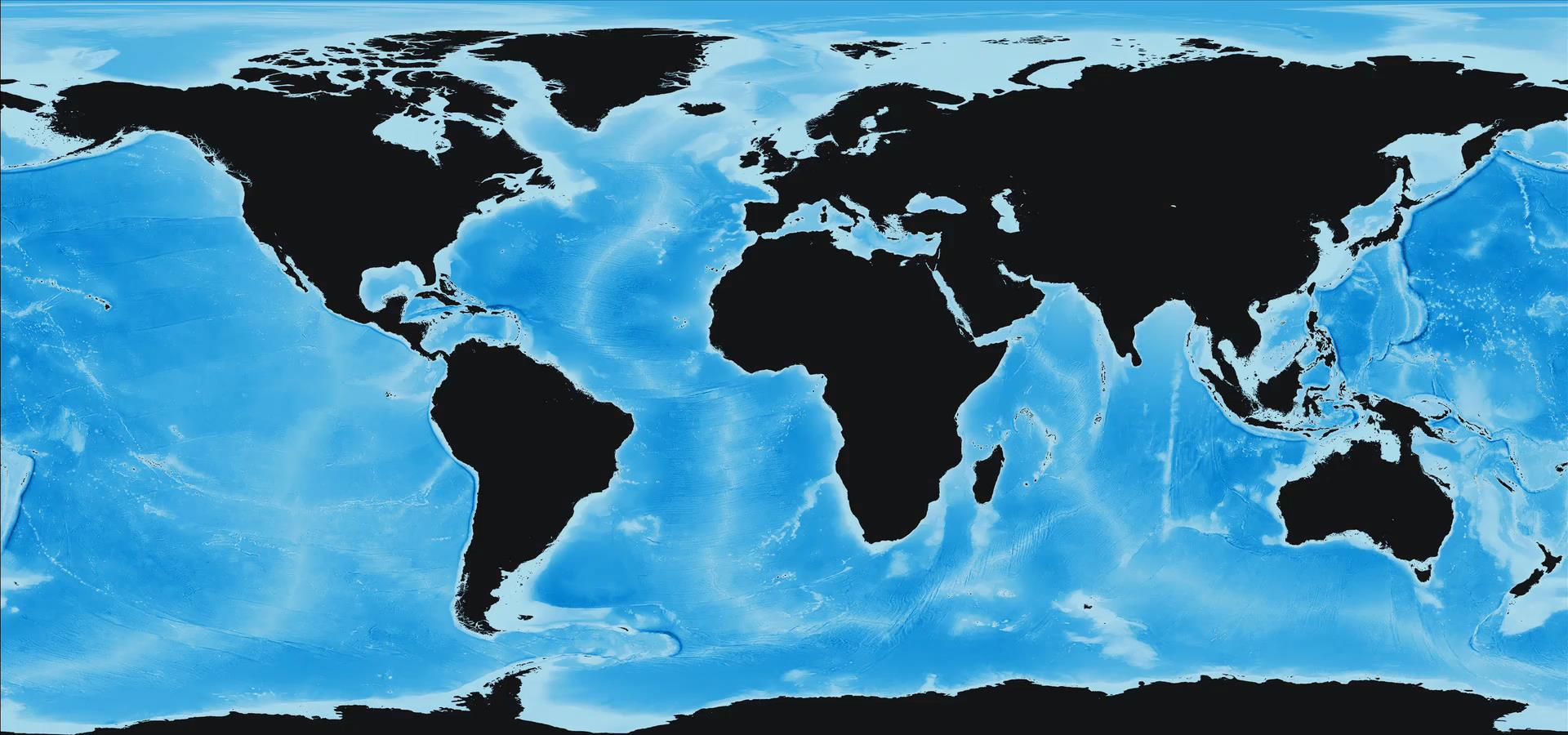
Thanks to BCLA!

Jan 7, 2026 Carbon Dioxide Level: 427 ppm

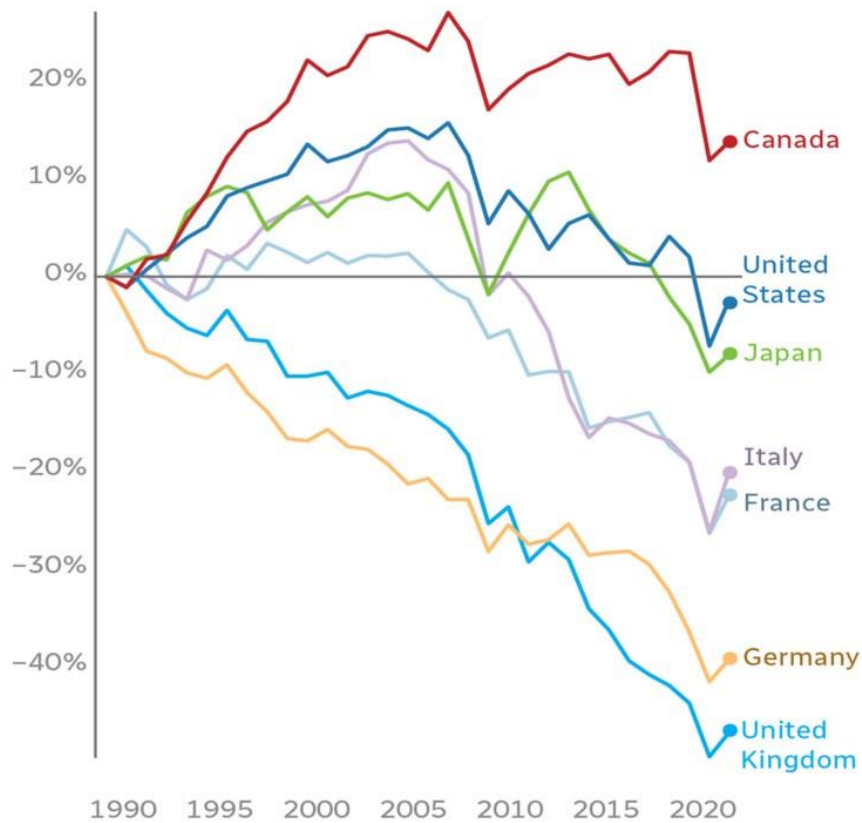


Earth's surface temperature and atmospheric carbon dioxide (1850-2023)





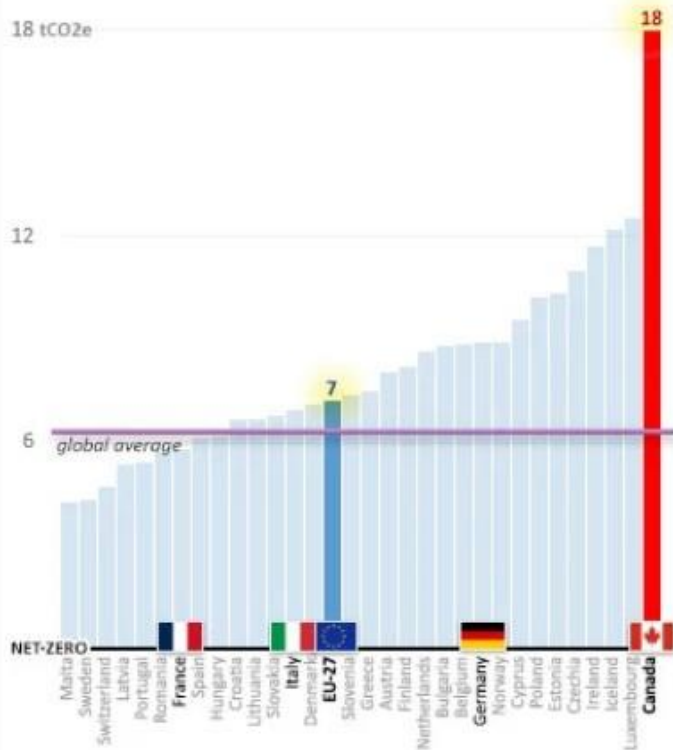
Percentage change in emissions for G7 countries since 1990

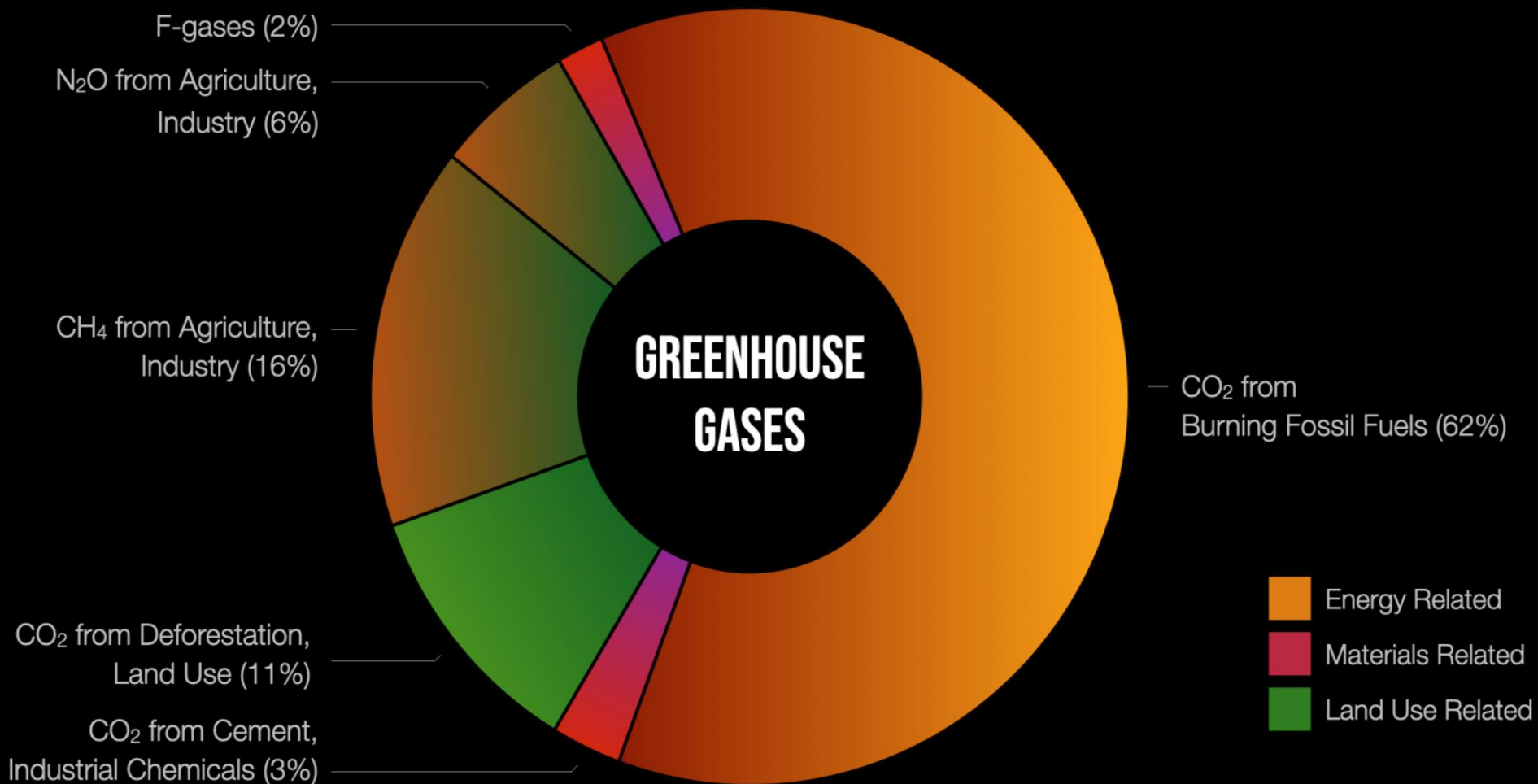


Source: Organization for Economic Co-operation and Development (CBC)

CLIMATE POLLUTION :: E.U. vs CANADA

PER CAPITA EMISSIONS IN TONNES OF CO₂-EQUIVALENT, 2022

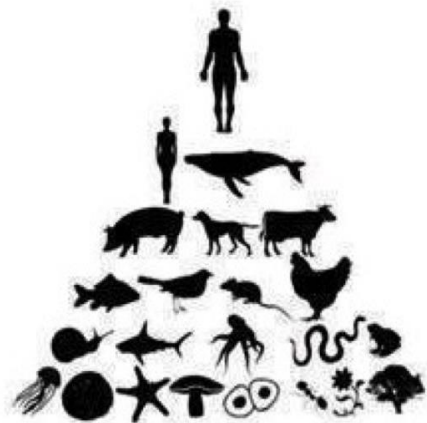




**NO MORE
COAL, OIL,
AND GAS.**

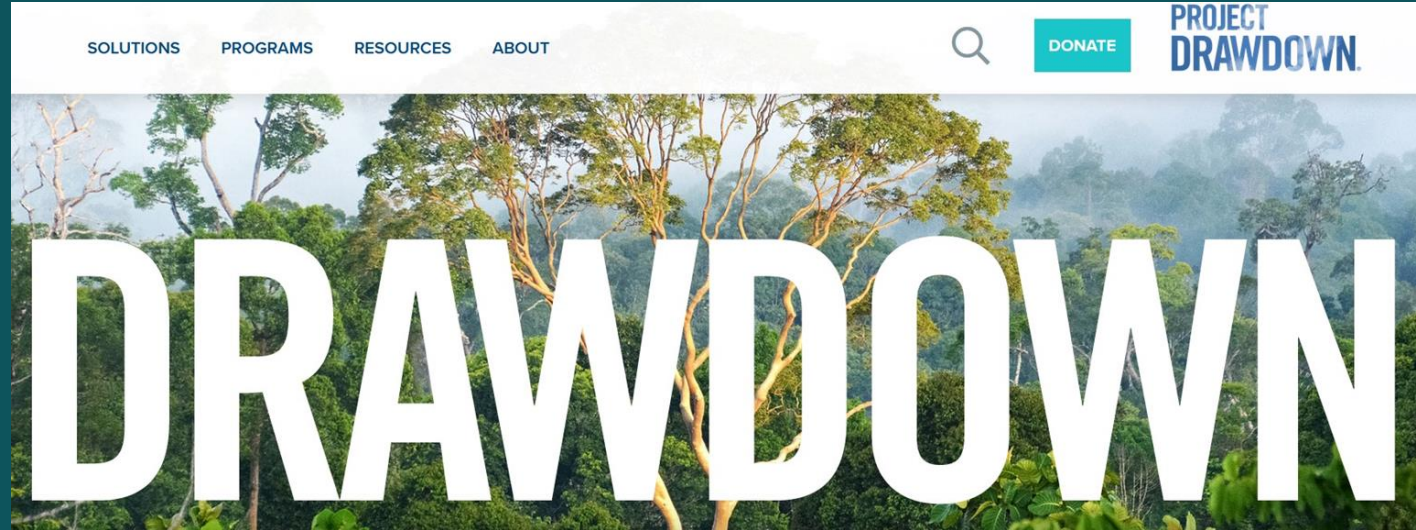
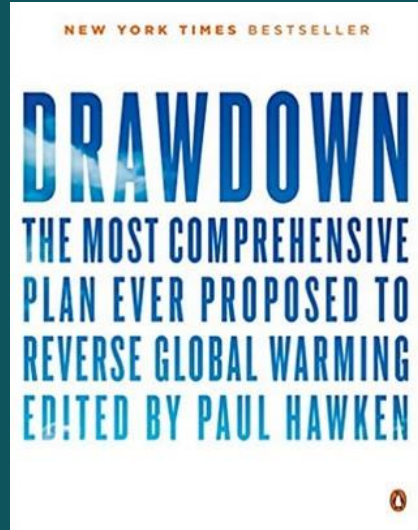
Stop burning!!!







1
There
Is
HOPE



drawdown.org

Re generation Ending the climate crisis in one generation

Paul Hawken



Re
generation

Home : Nexus

Nexus

Challenges and solutions for ending the climate crisis in one generation. Nexus to be done and how to do it on all levels of agency, from a classroom to a CEO resources, initiatives, people, and organizations that teach, engage, influence

We are working as quickly and accurately as we can to fill out the entire listing of Solutions. More will be added weekly by our research staff until we are complete. 1 understanding.

Afforestation



Agrivoltaics



CHALLENGES

Banking & Finance
Deep Seabed Mining
Desertification
Food Apartheid
Global Fishing Fleets
Maritime Shipping
Migration
Offsets
Palm Oil
Plastics
Politics Industry
Refrigerants
Ultra-Processed Foods
War Industry

regeneration.org

Drawdown Explorer

BROWSE SOLUTIONS

Show All — Filter by Classification — — Filter by Sector — Search Solutions

Flip All Shuffle Sort Alpha Sort by CO₂-eq Sort by Speed

Electricity

Deploy Offshore Wind Turbines



Highly Recommended

FALO & Nature-Based Carbon Removal

Protect Coastal Wetlands:
Salt marsh ecosystems



Worthwhile

Food, Agriculture, Land & Ocean (FALO)

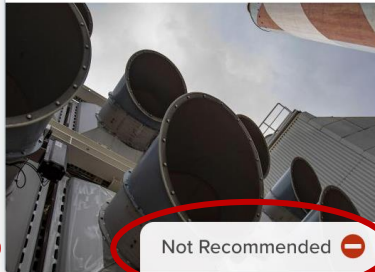
Advance Cultivated Meat



Keep Watching

Industrial Carbon Removal

Deploy Direct Air Capture



Not Recommended

drawdown.org/explorer

SHIFT: Super High Impact for Fixing Tomorrow

SHIFT



jointheshift.earth

GLOBALLY, what solutions do you think have the greatest/least impact on climate change?

Cleaner Cooking

Plastic Alternatives

Protect forests

Transportation

Reduced food waste



Solar Power

Improve Diets

Direct Air Capture

Wind Power

Use Heat Pumps



SOLAR POWER

Nabu Energy
Flickr

School District 69 Properties, Vancouver Island

Between 2016 and 2023, Hakai Energy Solutions installed turnkey solar energy systems on eight Qualicum School District properties. Several of these installations included integration of energy storage

[LEARN MORE BELOW](#)

**What about Schools
In your area?**



CLEAN
COOKING
ALLIANCE

CLEANER COOKING



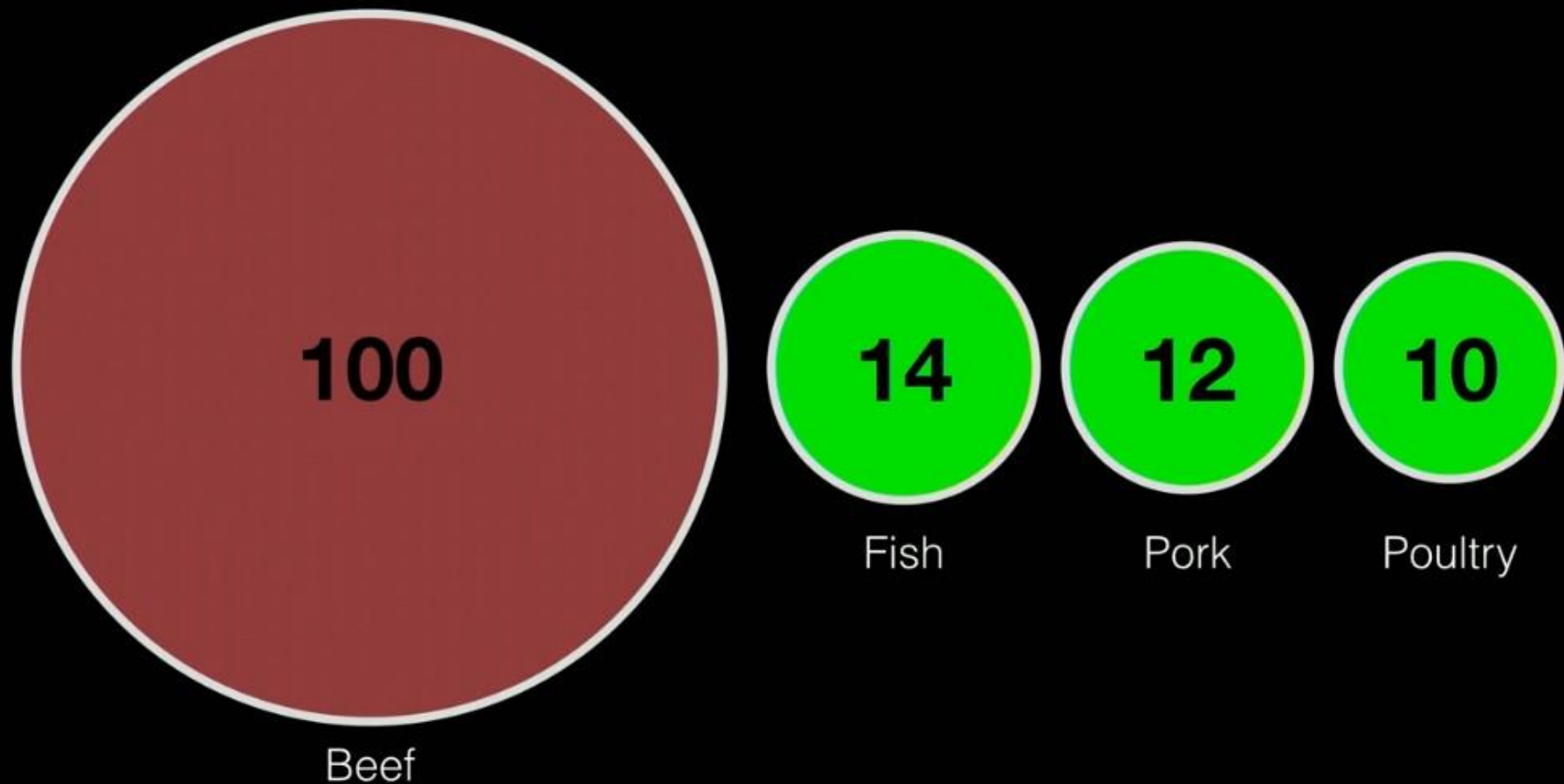
WIND POWER

A photograph of a dense forest with a thick layer of mist or fog. The sun is low in the sky, creating a warm, golden glow that filters through the trees. In the foreground, a large, leafy tree is partially visible on the right side. The background shows a dense canopy of trees shrouded in mist.

Forest Protection



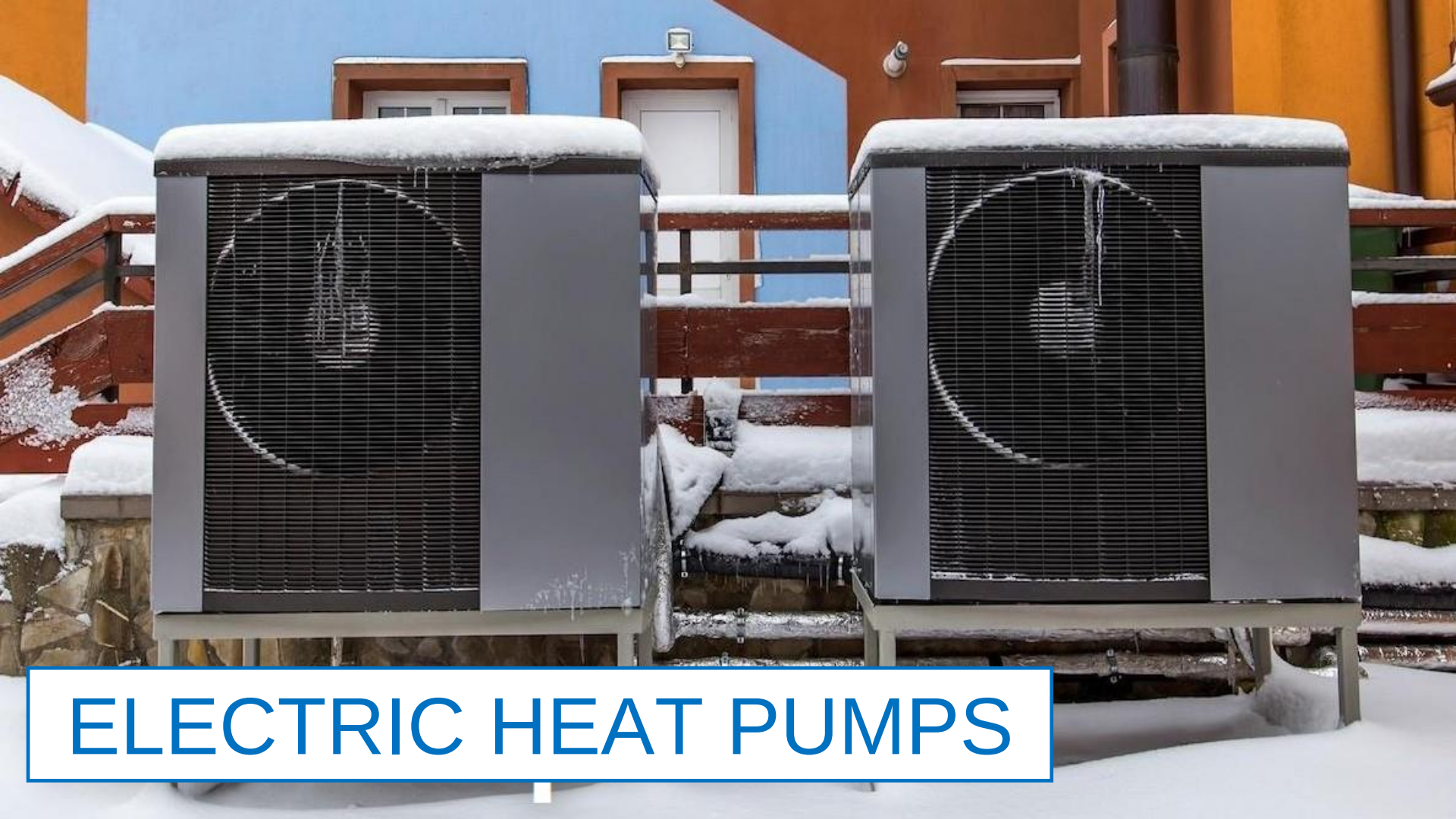
IMPROVE DIETS



Kg CO₂e per kg of consumed food



REDUCE FOOD WASTE



ELECTRIC HEAT PUMPS

COPENHAGENIZE

THE DEFINITIVE GUIDE TO GLOBAL BICYCLE URBANISM



Mikael Colville-Andersen

TRANSPORTATION



ALTERNATIVE PLASTICS



DIRECT AIR CAPTURE



Every degree matters,
every year matters,
every choice matters



2

Choices Matter



Electrify Everything



Fossil Gas



Leaf Blowers



1 hour of gas-powered leaf blowing Emissions
= 1760 km driving in Toyota Camry
= 1/2 hour drive in a Ford F150 Raptor



Insulation

Drapery

Glass

LED lighting

Smart Thermostats



Carpool Anyone?



North
America's
Largest
fleet of
electric
garbage
trucks

Comox Valley!



The Island Class

Efficient, quiet, battery-hybrid ferries



These electric ferries may set a new standard around clean public transportation



**Sweden
Rules!**

30 knots
95% less energy than diesel
Can handle 2 M waves



NEED

OR

WANT?







Protect

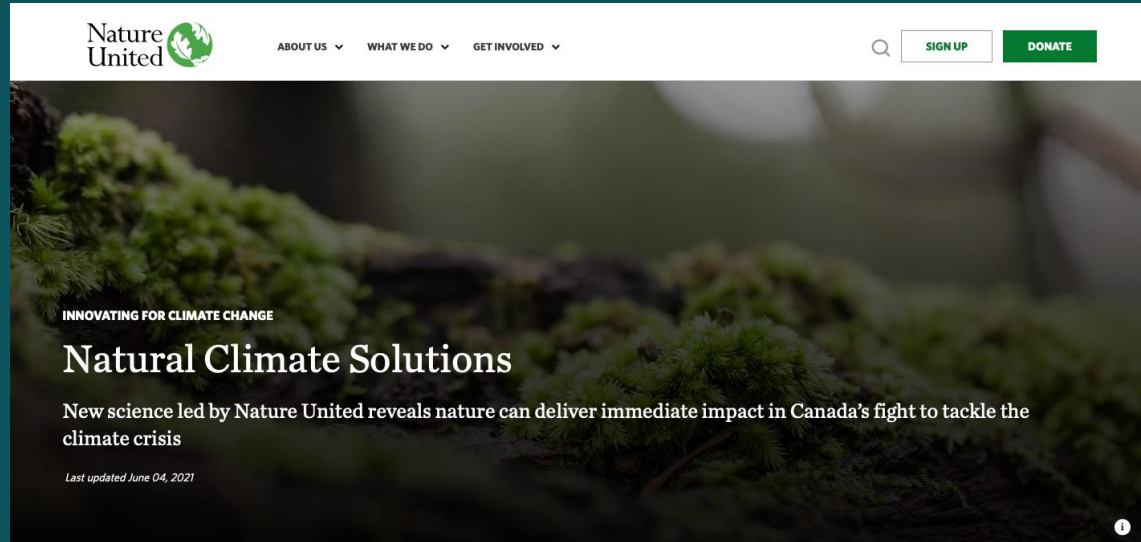


Restore

How much of a difference can Natural Solutions make?



Globally
37%



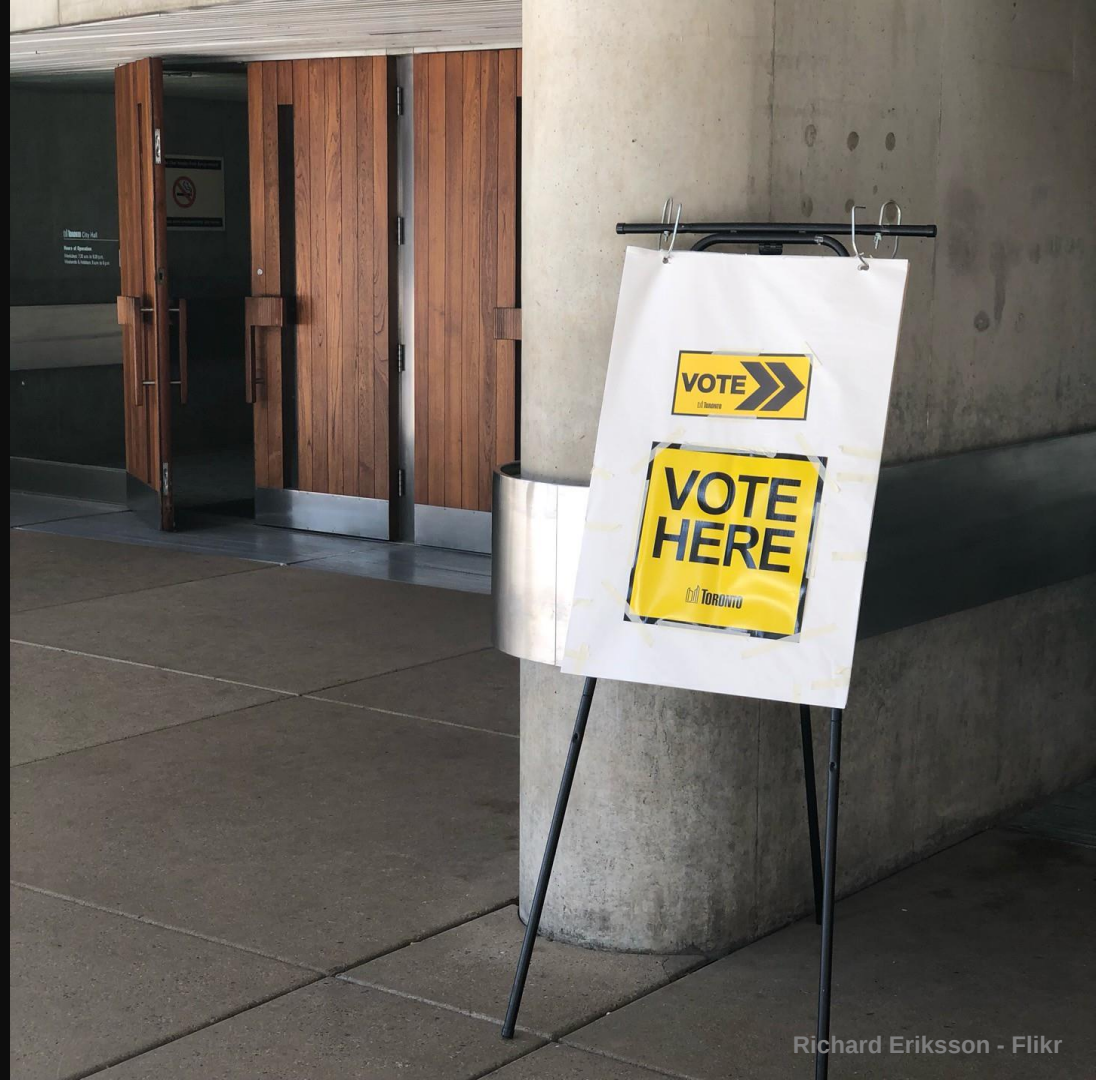


3

Influence Matters



Vote For
The
Planet



NATIONAL BESTSELLER

SAVING US

A CLIMATE SCIENTIST'S
CASE FOR HOPE AND HEALING
IN A DIVIDED WORLD

KATHARINE HAYHOE





4
Make
HOPE
Active!

Active hope

“To me, hope is not something that is given to you, it is something you have to earn, to create. It cannot be gained passively, through standing by and waiting for someone else to do something. Hope is taking action.”

Greta Thunberg





Laura
Lynch
CBC



Katharine Hayhoe

WECAN newsletter

National Observer

Books!!



SUPPORT



The logo for Regen BC is a large blue circle containing the text "Re", "gen", and "BC" in white. "Re" is on the top line, "gen" is on the bottom line, and "BC" is positioned below "gen". A small "TM" trademark symbol is located to the upper right of "gen".

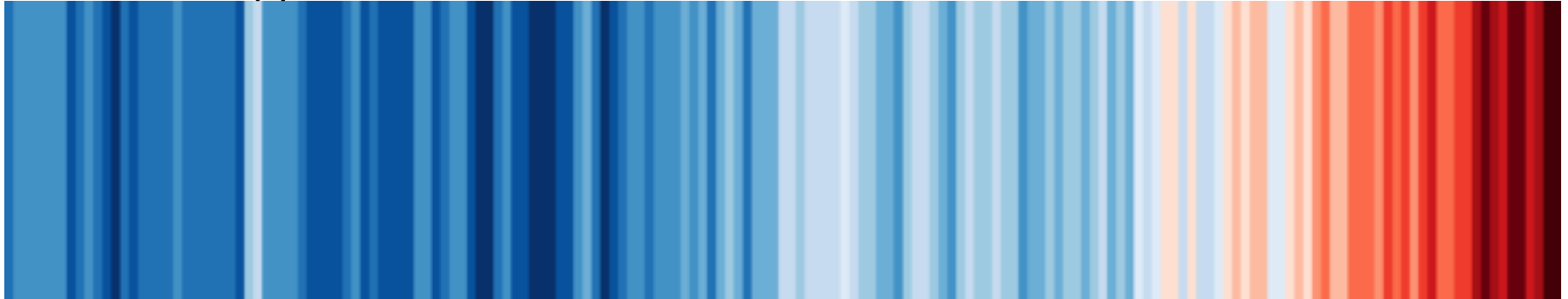
Re
genTM
BC

regeneratebc.org

regeneratebc@gmail.com

Why is Climate Literacy Important?

- People need to know
 - How bad it is
 - Where does the place they live measure up to other places?
 - What are the particular issues in their communities?
 - Not to feel guilt
- How to use their power to make change
- Find support





RegenerateBC
regeneratebc.org

CLIMATE
SOLUTIONS
COURSES

ACTION
+
COMMUNITY
=
HOPE



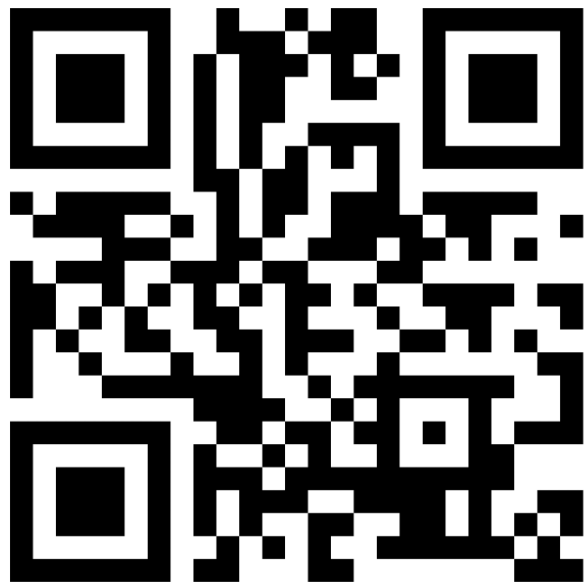
N

Climate Anxiety
Help 5¢

THE DOCTOR
IS IN
SOLUTIONS
AVAILABLE
NOW!



Kids & Teens



RegenerateBC
regeneratebc@gmail.com

Caitlin
MacRae
cmacrae@nwpl.ca

It always
seems
Impossible
until it is
done

Nelson Mandela

