

PROTEST VS GREEN TRADE WAR

REBUTTING ENVIRONMENTAL DEFENCE
“NOT JUST A CANADIAN PHENOMENON”

PRESENTED BY MICHELLE STIRLING
FOR FRIENDS OF SCIENCE SOCIETY

© JULY 29, 2021

THESE ARE OUR OPINIONS.



PROTEST VS
GREEN TRADE
WAR

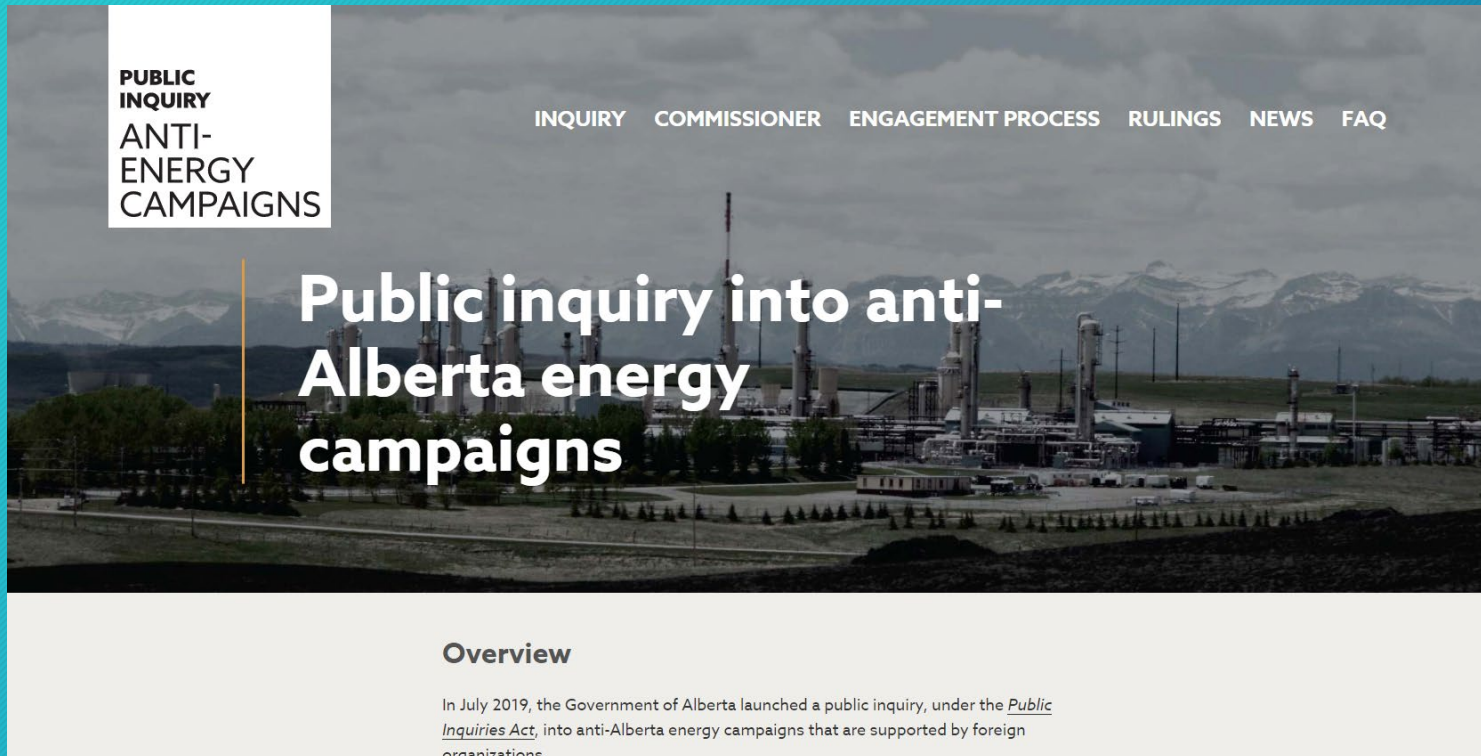
PROTEST OR TRADE WAR?



Environmental Defence wrote “Not Just a Canadian Phenomenon”, claiming that there was nothing unusual about the Tar Sands Campaign – comparing it to various citizen protests around the world. This report will show that the Tar Sands Campaign was and is a foreign funded/directed trade war against Canada, exploited by various actors for various purposes. It is quite unlike the peaceful, friendly citizen anti-carbon tax protest shown above.

Friends of Science Society
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“Allan Inquiry”* in the News



PUBLIC INQUIRY
ANTI-ENERGY CAMPAIGNS

INQUIRY COMMISSIONER ENGAGEMENT PROCESS RULINGS NEWS FAQ

Public inquiry into anti-Alberta energy campaigns

Overview

In July 2019, the Government of Alberta launched a public inquiry, under the *Public Inquiries Act*, into anti-Alberta energy campaigns that are supported by foreign organizations.

The Alberta Inquiry became known as the “Allan Inquiry” after the name of Commissioner Steve Allan.


Critics Denounce Alberta Inquiry Before it is Publicly Released

CANADA'S **NATIONAL OBSERVER** Account Log out

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There's a 'stink of desperation' about Alberta's anti-energy inquiry

By Max Fawcett | Opinion, Politics | July 26th 2021




Edmonton · CBC Explains

Here's what environmental groups say the anti-Alberta energy inquiry knows about their foreign funding

Commissioner Steve Allan tells groups they've done no wrong

Janet French · CBC News · Posted: Jul 22, 2021 6:00 AM MT | Last Updated: July 22



Accountant Steve Allan is the commissioner for a public inquiry into whether foreign actors are funding Canadian environmental organizations to cast aspersions on Alberta's oil and gas industry. His report is due to the energy minister on July 30. (CBC)

350 Canada @350Canada

Here's the formal response we submitted earlier today to Steve Allan, whose final report for the Alberta Inquiry accuses us of engaging in "anti-Alberta" activities. As @CamFenton explains, this couldn't be further from the truth.

Energy, Economy, Investor, Work and Finance [Sign Up Now](#)

Превод на твита



350 Canada responds to the Alberta Inquiry by Cam Fenton
350canada.medium.com

3:17 ч. сл.об. · 16.07.2021 г. · Twitter Web App

EDMONTON JOURNAL

Columnists

Opinion: Failed anti-Alberta energy inquiry an affront to democratic debate

Keith Stewart
Jul 06, 2021 · July 6, 2021 · 3 minute read · 39 Comments



Standing up for Alberta

Alberta Premier Jason Kenney (C) is joined by Minister of Justice and Solicitor General Doug Schweitzer (L) and Minister of Energy Sonya Savage in Calgary to Kenney announce the launch of a public inquiry into the foreign funding of anti-Alberta energy campaigns. PHOTO BY JIM WELLS /Postmedia

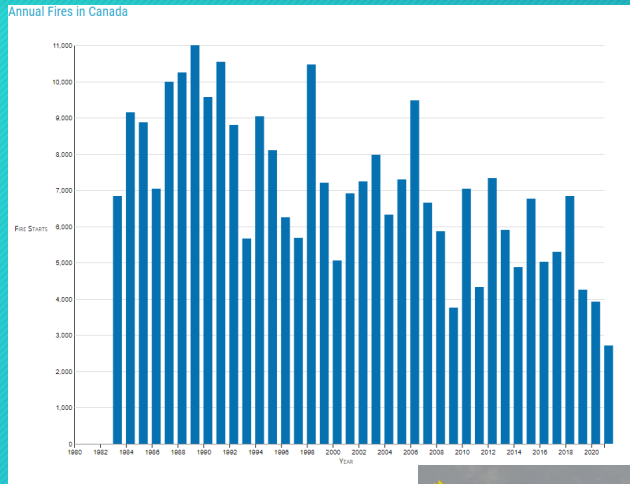
“I think we all understand that climate change is here, it’s happening and it has to be addressed” - Garossino

The screenshot shows a YouTube live stream interface. The video player displays two participants in a split-screen format. The man on the left is wearing a light blue shirt and large headphones. The woman on the right is wearing a white blazer and glasses. The video title is "#PositiveReflections July 26, 2021 - Allan Inquiry farce; Toronto Homeless Camps; AI to Fight Wildfire; Baby Banff Bison". The chat on the right shows various viewer comments, including "Ryan Crawford: LOL", "Kent V: Image being granted a billion deadline extensions to your homework and cant even do citations and references properly", and "unseen stranger: Except to Steve Allen - no good morning for him, after what I just heard!". The video has 1,557 views and was streamed live on July 26, 2021.

Ms. Garossino says she had received a leaked copy of the Alberta Inquiry (aka Allan Inquiry) report. She diverts from talking about the report and notes that her mother collapsed in the recent BC heat wave, that hundreds of people died, and that Lytton burnt to a crisp, and makes the conclusion that climate change must be addressed.

<https://youtu.be/liZff2Ba73Y>

Sandy - People cause most preventable wildfires



Overall fires are down in Canada. Get FireSmart and be prepared for wildfire season. It happens EVERY year.

<https://firesmartbc.ca/>

<https://www.ciffc.ca/fire-information/current-situation-report>

← Tweet



BC Wildfire Service
@BCGovFireInfo

On average 42% of BC wildfires are human-caused with 59% sparked by people last year. Be responsible and report wildfires to 1-800 663-5555 or *5555 on your cell.



Be responsible in our forests
gov.bc.ca

5:00 PM · Jul 21, 2021 · Twitter for Advertisers.
Promoted by BC Wildfire Service

False Narrative of Environmental Groups

- a) there is a climate crisis;
- b) it is caused by using oil, gas and coal;
- c) wind and solar will fix it;
- d) put a price on 'carbon' and bad weather and wildfires will stop.
- None of this is true, of course.

"CO₂ is not a control knob that can fine tune climate..."



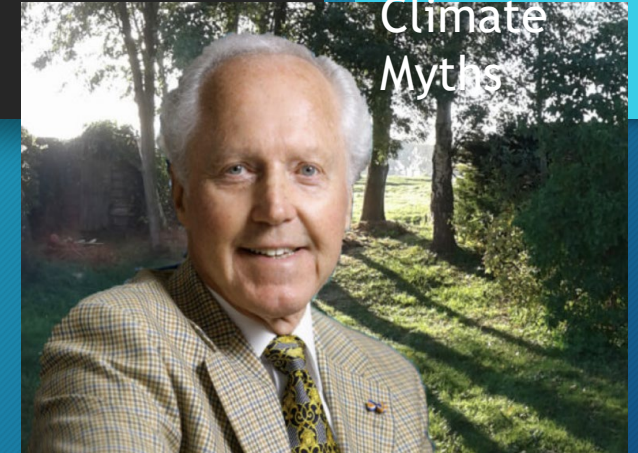
Judith Curry
Atmospheric Scientist
Georgia Tech

**FRIENDS
OF
SCIENCE**

PATTISON

There is NO Climate Emergency - Affirmed by >900 Scientists and Scholars of CLINTEL

Debunking
ENGO
Climate
Myths



Dr. Guus Berkhout, President

CLINTEL THERE IS NO CLIMATE EMERGENCY

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ABOUT US

Climate Intelligence (CLINTEL) is an independent foundation that operates in the fields of climate change and climate policy. CLINTEL was founded in 2019 by emeritus professor of geophysics Guus Berkhout and science journalist Marcel Crok.

Read more ...

COUNTRIES

Italy, United States, Australia, France, Netherlands, Canada, United Kingdom, Germany, Belgium, Sweden, Norway, Ireland, United Kingdom, Brazil, Greece

TOTAL SIGNATORIES 906

NEWS

The Government Corruption of Science

Opinion by Andy May I wrote my latest book, Politics and Climate Change: A History, because I recognized that government funding of scientific research was corrupting science. We [...]

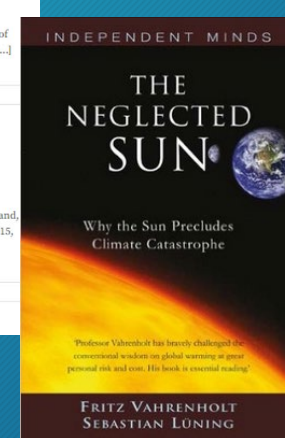
By Andy May | 16 November 2020

The Paper that Blew it Up

By Andy May "If you can't dazzle them with brilliance, baffle them with Bull..." W. C. Fields said, flying a bomber over Berlin. In late February 2015, [...]

By Andy May | 15 November 2020

<https://clintel.org/>



Prof. Fritz Vahrenholt, CLINTEL German Ambassador, scientist, peer-reviewed author, environmentalist, former German renewables industrialist, IPCC expert reviewer, German state official (Various environmental capacities)

Magical Thinking on Extreme Weather/Wildfires

Debunking
ENGO
Climate
Myths

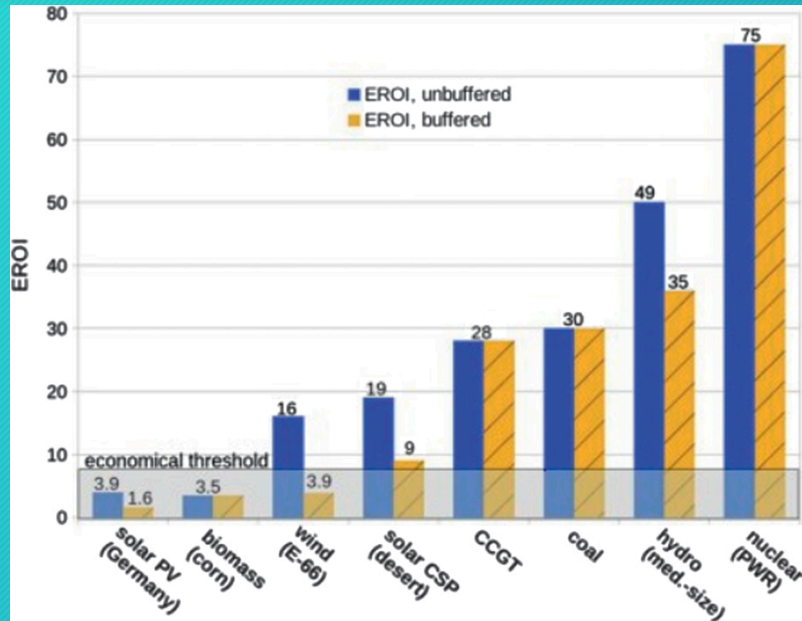
Thinking that catastrophes like major hurricane landfalls, massive forest fires etc. will be 'cured' by eliminating fossil fuel emissions is laughable. Well its not really funny. Thinking that eliminating fossil fuel emissions will 'solve' the problem of extreme weather events is very sad, sort of on the level of doing rain dances. Every thing that goes wrong, they blame on fossil fuel driven climate change.

*Imagine how surprised they would be if we were ever to be successful at eliminating fossil fuel emissions, and then we still had bad weather! –
Dr. Judith Curry, Atmospheric Scientist*



Wind and Solar Won't "Fix Climate Change" – They Cannot Support Basic Society

Debunking ENGO Climate Myths



<https://www.cambridge.org/core/journals/mrs-energy-and-sustainability/article/lessons-from-technology-development-for-energy-and-sustainability/2D40F35844FEFEC37FDC62499DDBD4DC>

IN THE DARK ON RENEWABLES

Rebutting Deloitte and Climate Reality – Insights for Investors, Policymakers and the Public

ABSTRACT

Deloitte Insights and Climate Reality have recently issued reports making claims that renewables – especially wind and solar – are as cheap and as reliable as conventional coal-fired or natural-gas-fired power.

We demonstrate that these claims are not valid and show that wind and solar exist almost entirely due to preferential government programs and subsidies.

Mass deployment of wind and solar can destabilize power grids. Solutions like batteries, flywheels, and pumped hydro are exorbitant in cost. Renewables-plus-storage systems cannot reasonably be scaled up to meet society's demand for reliable power.

Large additions of wind and solar do not necessarily reduce carbon dioxide emissions. In any case, human-produced CO₂ is not a control knob that can fine-tune Earth's climate.

Friends of Science Society
Nov. 18, 2018

<https://blog.friendsofscience.org/2018/11/18/in-the-dark-on-renewables-rebutting-deloitte-insights-and-climate-reality/> Video: <https://youtu.be/l7ZUiz-vQGA>

WHAT YOU REALLY NEED TO KNOW ABOUT RENEWABLE ENERGY (THAT THE PEMBINA INSTITUTE WON'T TELL YOU)

Renewable energy — what you need to know

Friends of Science Society

<https://blog.friendsofscience.org/2021/06/14/what-you-really-need-to-know-about-renewable-energy-that-the-pembina-institute-wont-tell-you/>

The True Cost of Wind and Solar Electricity in Alberta

It's one thing to say wind and solar are now cheaper than other forms of electricity generation. But at every relevant metric, we are told that the cost of wind and solar power is still significantly higher than that of coal, natural gas, and nuclear. This report shows that wind and solar are not as cheap as they are claimed to be. It also shows that wind and solar are not as reliable as they are claimed to be. This report shows that wind and solar are not as reliable as they are claimed to be. This report shows that wind and solar are not as reliable as they are claimed to be.

<https://blog.friendsofscience.org/2021/04/25/the-true-cost-of-wind-and-solar-electricity-in-alberta/>

Not to Mention - To Get Wind You Need Oil!

Debunking
ENGO
Climate
Myths

IEEE SPECTRUM Engineering Topics Special Reports Blogs Multimedia The Magazine

Opinion | Energy | Renewables

29 Feb 2016 | 16:00 GMT

To Get Wind Power You Need Oil

Each wind turbine embodies a whole lot of petrochemicals and fossil-fuel energy

By Vaclav Smil





Illustration: Dan Page

Wind turbines are the most visible symbols of the quest for renewable electricity generation. And yet, although they exploit the wind, which is as free and as green as energy can be, the machines themselves are pure embodiments of fossil fuels.

Large trucks bring steel and other raw materials to the site, earth-moving equipment beats a path to otherwise inaccessible high ground, large cranes erect the structures, and all these machines burn diesel fuel. So do the freight trains and cargo ships that convey the materials needed for the production of cement, steel, and plastics. For a 5-megawatt turbine, **the steel alone averages** [pdf] 150 metric tons for the reinforced concrete foundations, 250 metric tons for the rotor hubs and nacelles (which **house** the gearbox and generator), and 500 metric tons for the towers.

YouTube CA Search



A 5-MW turbine has three roughly 60-meter-long airfoils, each weighing about 15 metric tons, made from natural gas by-products and in furnaces fired by natural gas.

2:02 / 3:16

<https://spectrum.ieee.org/energy/renewables/to-get-wind-power-you-need-oil>

<https://youtu.be/TVJZdJZ6PwQ>

Bad Weather and Wildfires Won't Stop Because of a “Price on Carbon”

Debunking
ENGO
Climate
Myths



Extreme weather caused by humans? Medieval thinking - “Weather Cooking” with the help of Satan.

<https://youtu.be/wcAy4sOcS5M>



Extreme weather events have nothing to do with CO2 or human influence on climate. If anything, solar minimum drives cold snaps and erratic weather patterns.

<https://youtu.be/Gcv8Mfcnpc0>

ENGO Climate Myths Debunked- by the IPCC

Debunking
ENGO
Climate
Myths

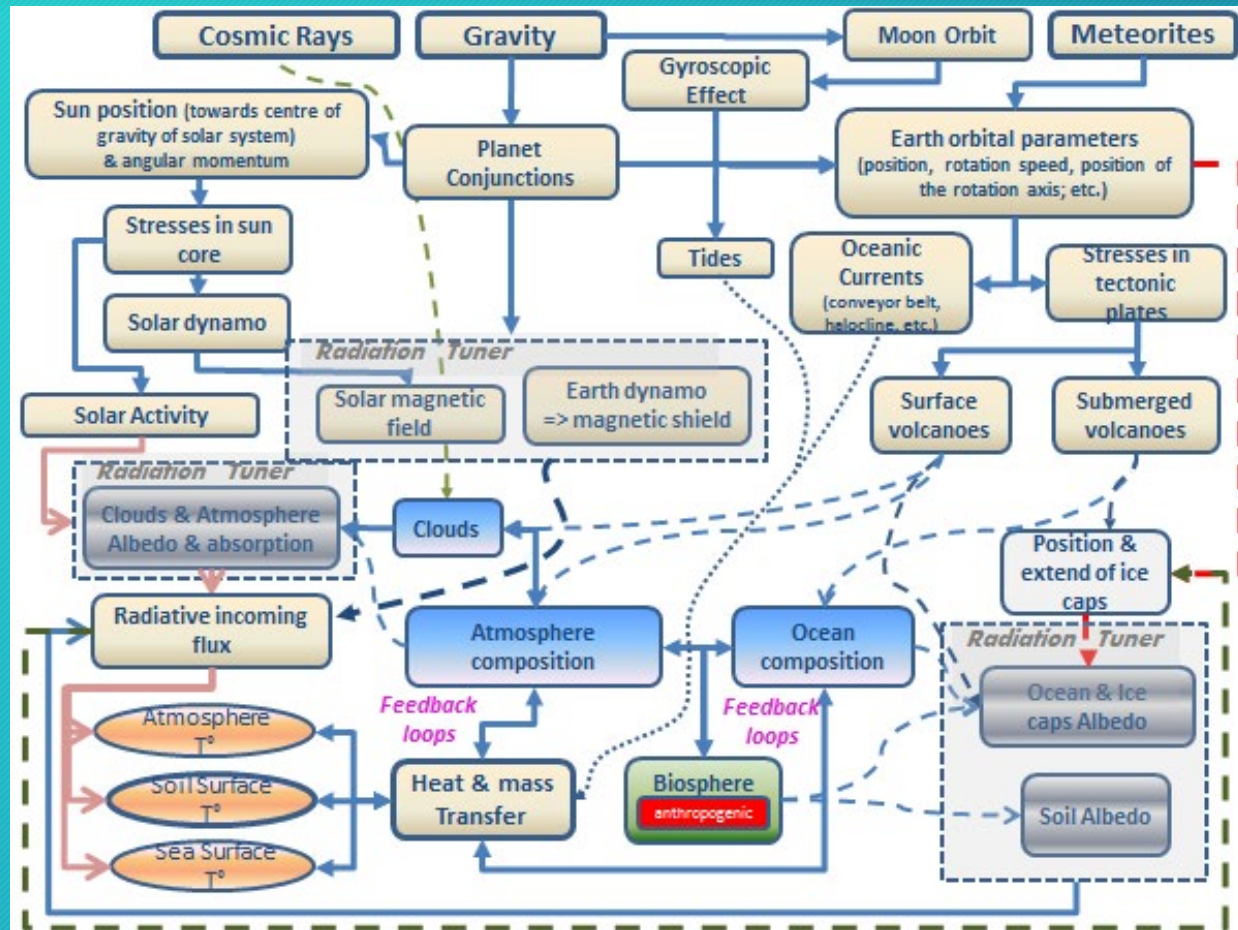
"In climate research and modelling, we should recognize that we are dealing with a coupled non-linear chaotic system, and therefore that long-term prediction of future climate states is not possible."

**~ The Intergovernmental Panel on Climate Change ~
(IPCC)**

**Third Assessment Report (2001)
Section 14.2.2.2, page 774**

Climate is a Complex Chaotic System. CO2 is a nominal factor AND beneficial.

Debunking
ENGO
Climate
Myths

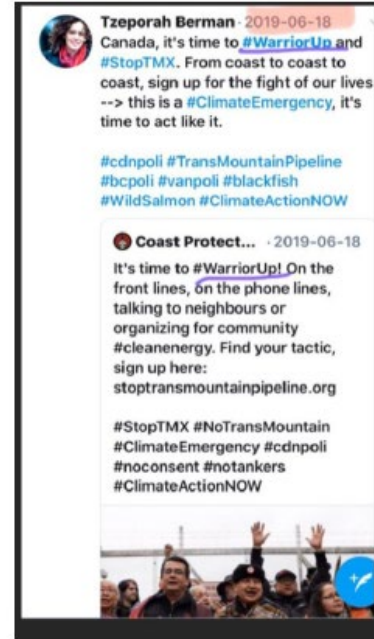


From the Friends of Science archive.

See presentation by Henri Masson
<https://www.portoconference2018.org/>

Social Cost (Benefit) of Carbon Dioxide from FUND with Corrected Temperatures, Energy and CO2 Fertilization
<https://blog.friendsofscience.org/2021/05/28/social-cost-benefit-of-carbon-dioxide-from-fund-with-corrected-temperatures-energy-and-co2-fertilization/>

Tar Sands Exposé



PROTEST VS GREEN TRADE WAR

PROTEST OR TRADE WAR?



Environmental Defence wrote "Not Just a Canadian Phenomenon", claiming that there was nothing unusual about the Tar Sands Campaign – comparing it to various citizen protests around the world. This report will show that the Tar Sands Campaign was and is a foreign funded/directed trade war against Canada, exploited by various actors for various purposes. It is quite unlike the peaceful, friendly citizen anti-carbon tax protest shown above.

Friends of Science Society
@August 2020

Environmental Defence Calls Alberta Inquiry “farcical attack” on Canadians’ rights



The screenshot shows the top navigation bar of the Environmental Defence Canada website. The navigation menu includes: HOME, ISSUES, BLOG, ABOUT US, REPORTS & GUIDES, MEDIA, DONATE (highlighted in red), and TAKE ACTION. A search icon is located to the right of the menu. Below the navigation bar is a large banner image with a halftone pattern, depicting a person's face with a white bandage covering their eyes. The main content area features a white box with the following text:

Climate Change, Movement Building

\$3.5 million and 2 years to serve up a farcical attack on Canadians’ rights to protect the environment and our future

July 23, 2021

 **Tim Gray**
Executive Director 3 min read

Soon Commissioner Steve Allan will submit to the Alberta government his final report

A small blue accessibility icon is visible in the bottom right corner of the article box.

<https://environmentaldefence.ca/2021/07/23/ab-inquiry-reply/>

What of this 'farcical attack' on Canadians' rights by the Tar Sands Campaign actors?

Did you have a chance to counter this 2009 joint declaration of 21 US and 12 Canadian ENGOs to shut down our Alberta economy?

- "Declare a moratorium on expansion of tar sands development and halt further approval of infrastructure that would lock us into using dirty liquid fuels from sources such as tar sands, oil shale and liquid coal. Tar sands oil production is the fastest growing source of greenhouse gas pollution in Canada and is having a devastating impact on Boreal ecosystems, migratory birds, and air and water quality. Pollution from production of fuels from tar sands, oil shale and liquid coal undermines gains made through fuel efficiency and other mechanisms meant to reduce greenhouse gas emissions"
- <https://www.pembina.org/reports/us-can-ceo-declaration.pdf>
- **Most of the Canadian groups that made this pact are tax-subsidized registered federal charities.**
- **Ask yourself - "How is this charitable activity?"**

Climate Activists have Undermined Freedom and Denied Real Science

Friends of Science Society 17th Annual Climate Science Event

We've Moved Our Event ONLINE!

Freedom of Speech! NO Climate Emergency!



Donna Laframboise

Journalist

Climate Activism:
Undermining Free Speech,
Free Thought & Free Choice



Roy W. Spencer

Principal Research Scientist

The Most Important
Reasons Why There is
No Climate Emergency



Watch Donna Laframboise explain how Climate Activism is Undermining Free Speech, Free Thought & Free Choice
<https://youtu.be/w8XpE5FMEJc>

Watch Dr. Roy Spencer present The Most Important Reasons Why there is No Climate Emergency
<https://youtu.be/d99X0Y65qcE>

Tar Sands Campaign Destroyed Jobs+Economy



From CBC co-production "The Tipping Point: Age of the Oil Sands" (2011)

A growth of employment across Canada from 75,000 jobs in 2010 to 905,000 in 2035.

The generation of \$2.1 trillion in economic stimulus over the next 25 years (2010 to 2035).

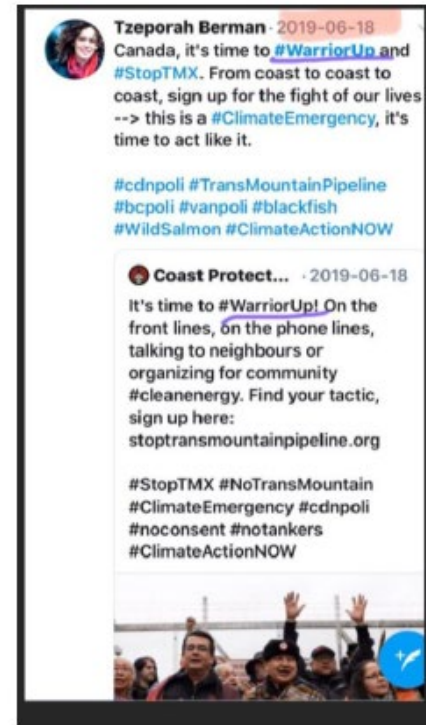
Development contributing \$105 billion to provincial taxes and over \$311 billion in federal taxes.

The collection of over \$350 billion in royalties from 2010 to 2035 (Oil Sands Developers Group 2009a).

Oil Sands Developer Group forecast (2009) Source: OSRIN

What of the farcical attack on Alberta's oil sands - the Tar Sands Campaign?

- <https://blog.friendsofscience.org/wp-content/uploads/2020/08/Protest-vs-Green-Trade-War-rebutting-Enviro-Defence-FINAL-Aug-17-2020.pdf>
- We compiled this report in August of 2020, rebutting the Environmental Defence report entitled “[Not Just a Canadian Phenomenon](#)”
- Let's hear the Tar Sands Campaign 'in their own words' - then you can decide what you think about it all.



PROTEST VS GREEN TRADE WAR

PROTEST OR TRADE WAR?



Environmental Defence wrote “[Not Just a Canadian Phenomenon](#)”, claiming that there was nothing unusual about the Tar Sands Campaign – comparing it to various citizen protests around the world. This report will show that the Tar Sands Campaign was and is a foreign funded/directed trade war against Canada, exploited by various actors for various purposes. It is quite unlike the peaceful, friendly citizen anti-carbon tax protest shown above.

Friends of Science Society
©August 2020

Tar Sands ENGO Participants claim they are 'just' protesting: It has been stated that the right to freedom of assembly, along with freedom of expression, **does not include the right to physically impede or blockade lawful activities**

In most Western democracies, republics, or constitutional monarchies (like Canada), citizens have a legal right, enshrined in law, to peacefully protest.

FUNDAMENTAL FREEDOMS

2. Everyone has the following fundamental freedoms:

- (a) freedom of conscience and religion;
- (b) freedom of thought, belief, opinion and expression, including freedom of the press and other media of communication;
- (c) freedom of peaceful assembly; and
- (d) freedom of association.¹

Section 2(c) guarantees the right to peaceful assembly; it does not protect riots and gatherings that seriously disturb the peace: *R. v. Leconte*, [2000] J.Q. No. 2452 (Que. C.A.). It has been stated that the right to freedom of assembly, along with freedom of expression, **does not include the right to physically impede or blockade lawful activities**: *Guelph (City) v. Soltys*, [2009] O.J. No. 3369 (Ont. Sup. Ct. Jus), at paragraph 26.
² (bold added)

According to this PowerPoint, these are some Tar Sands Campaign participants

A Globally Significant Response

- Network of leading US and Canadian NGOs
- Coordinated Campaign Structure
- RBF & Hewlett Foundations
- \$7M/year Campaign



Strathmere Group - ENGO Collaboration

boothroyd
communications

ABOUT CLIENTS BLOG MEDIA

CLIENTS & PROJECTS



Those on the opposing side of eco-charities and Greenpeace might wonder what is “The Strathmere Group” about and what are the initiatives they plan to develop? Trying to find specific information on the “group” is difficult beyond what the McConnell Foundation has under their grant message. They note the 11 member organizations “have over 358,000 members, 420 staff and annual budgets totaling over \$50 million.”

<https://blog.friendsofscience.org/2021/01/28/avoiding-the-evidence-tar-sands-campaign-denialism-an-open-letter-response-to-martin-olszynskis-submission-to-the-public-inquiry-into-anti-alberta-energy/>

Strathmere Group (Greenpeace, Pembina Institute,

WWF-Canada et al): In 2014, we planned and facilitated the

Toronto skills-building workshop *Campaigns and Communications 2014*, where directors from Canada's 12 leading environmental organizations learned from leading market researchers, journalists and organizers, and agreed to work on shared frames and messages in advance of the 2015 federal election.

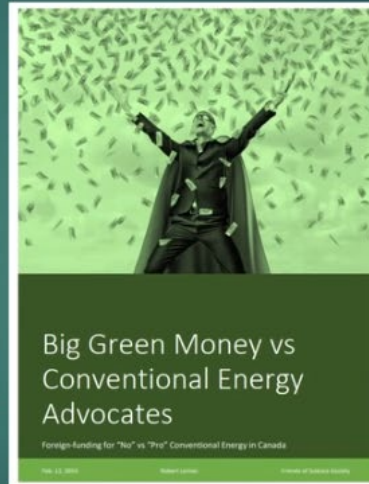
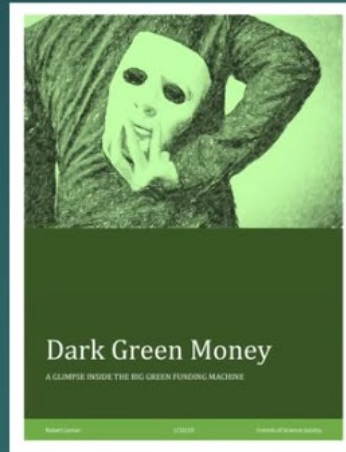
<http://www.boothroydco.com/clients-and-projects>

ENGOs and Canadian Politics

- The revenues received by the ENGOs and their EnviroLaw counterparts over the period was over 18 times the revenues received by all federal political parties, and over 27 times the revenues received by the market oriented institutes.
- Both Ducks Unlimited Canada and the Nature Conservancy Canada annually receive higher revenues than all the major federal political parties; a large portion of the funding to these organizations is from the federal government.
- The revenue received by the Tides organization alone is more than the combined revenues of Canada's two largest federal political parties, the Liberal Party of Canada and the Conservative Party of Canada over the period.
- The David Suzuki Foundation's average annual revenues exceed the annual revenues of the federal New Democratic Party.
- Eight ENGOs have annual revenues that exceed those of the governing Liberal Party of Canada.

ENGOs	
Org	Revenue: 2000 - 2018
IDRC	\$ 3,552,093,750
Ducks Unlimited - Canada	\$ 1,760,621,215
Nature Conservancy Canada	\$ 1,452,308,191
Toronto and Region Conservation Author	\$ 1,347,142,424
Tides (Foundation, Initiatives, Centre)	\$ 517,492,974
WWF - Canada + Foundation	\$ 431,531,955
Canadian Wildlife Federation + Foundati	\$ 285,128,766
IISD	\$ 285,043,742
David Suzuki Foundation	\$ 156,925,844
Greenpeace Canada*	\$ 143,845,385
BC Conservation Foundation	\$ 130,924,255
Nature Trust - BC	\$ 121,600,515
Land Conservancy of BC	\$ 109,160,956
Coast Conservation Endowment Fund	\$ 106,222,357
Pacific Salmon Foundation	\$ 101,449,777
Pembina Institute + Foundation	\$ 84,182,986
Habitatat Conservation Trust Fund	\$ 78,761,460
CPAWS	\$ 76,698,542
Fraser Basin Council	\$ 70,982,750
Canadian Climate Forum	\$ 68,756,446
Ecotrust - Canada	\$ 49,524,387
Equiterre*	\$ 44,893,420
ForestEthics	\$ 43,181,576
WC ²	\$ 36,369,024
Sierra Club - BC	\$ 24,482,904
Raincoast Conservation Society	\$ 21,618,529
Sierra Club Canada	\$ 17,453,039
Wildlands League	\$ 15,307,701
Alberta EcoTrust Foundation	\$ 14,733,779
Wildsight	\$ 14,342,107
Dogwood Initiative	\$ 12,694,471
Canadian Environmental Grantmakers	\$ 3,774,309
Land Trust Alliance - BC	\$ 2,600,627
Climate Reality Project Canada	\$ 2,510,340
Σ	\$ 11,184,360,503

Please read our reports.



<https://blog.friendsofscience.org/2019/05/07/environmental-charities-a-compilation-of-reports-on-their-finance-power-and-implications-for-canada/>

**Manufacturing a
Climate Crisis**

Calling for Accountability of Tax-subsidized, Foreign-Funded
ENGOs' Impact on the Canadian Economy

A Rebuttal to the
January 30, 2019 blog
post of Jessica Clogg,
Executive Director and
Senior Counsel of West
Coast Environmental
Law

Friends of Science Society
February 4th, 2019

<https://blog.friendsofscience.org/2019/05/07/environmental-charities-a-compilation-of-reports-on-their-finance-power-and-implications-for-canada/>

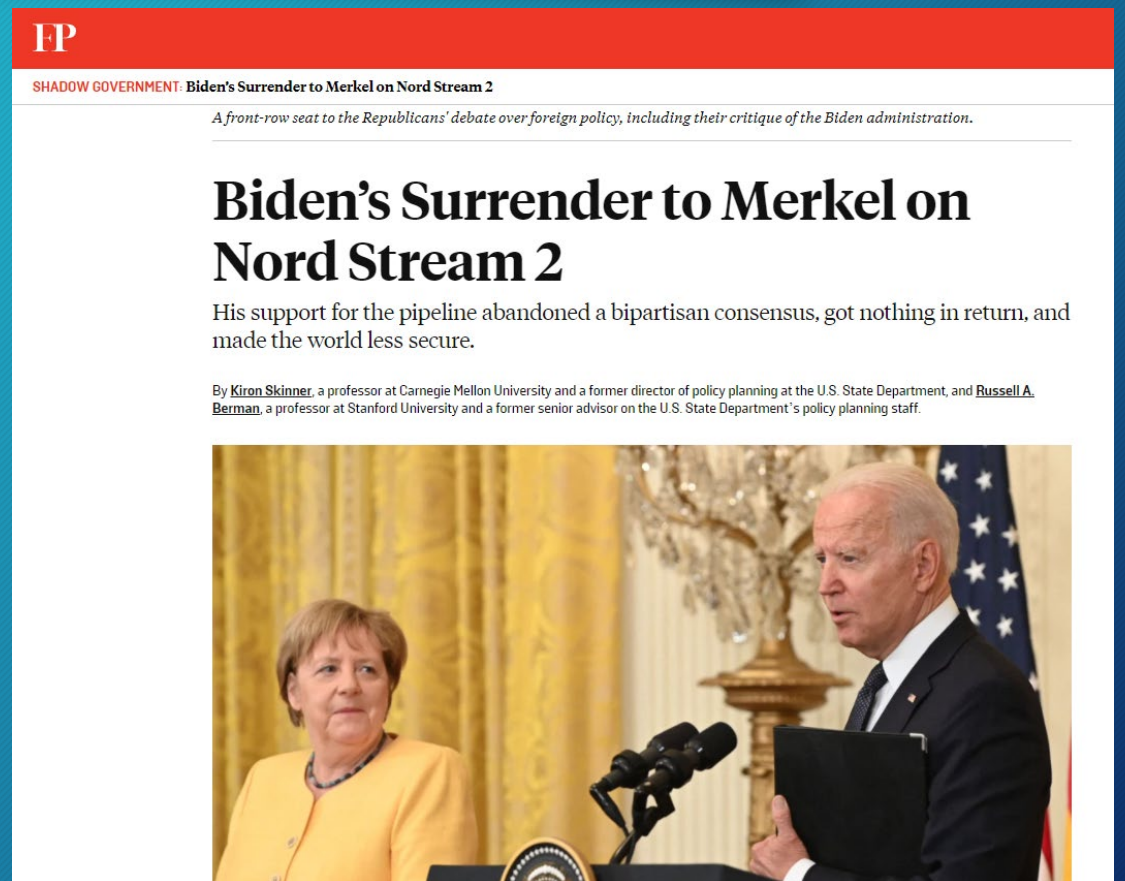
The World Runs on Oil + Geopolitics of Oil

- The world is made up of 'have' and 'have not' countries with oil, natural gas, and coal. **In this regard, Canada is a trillionaire. We have massive oil, gas and coal reserves and are the envy of the world in this regard. We disregard our riches at our own peril.**
- Modern societies require vast amounts of oil, natural gas, and coal. Europe is a relatively 'have not' part of the world, that is also highly industrialized. Other than French nuclear, Swedish nuclear, Dutch natural gas, and Norwegian hydro, Europe must import ~\$600 billion in fossil fuels every year. Europe is reliant on Russia and Middle Eastern countries for its fossil fuel energy.



No Global Climate Activist Attacks on Russian Pipelines Like That Against the “Tar Sands”

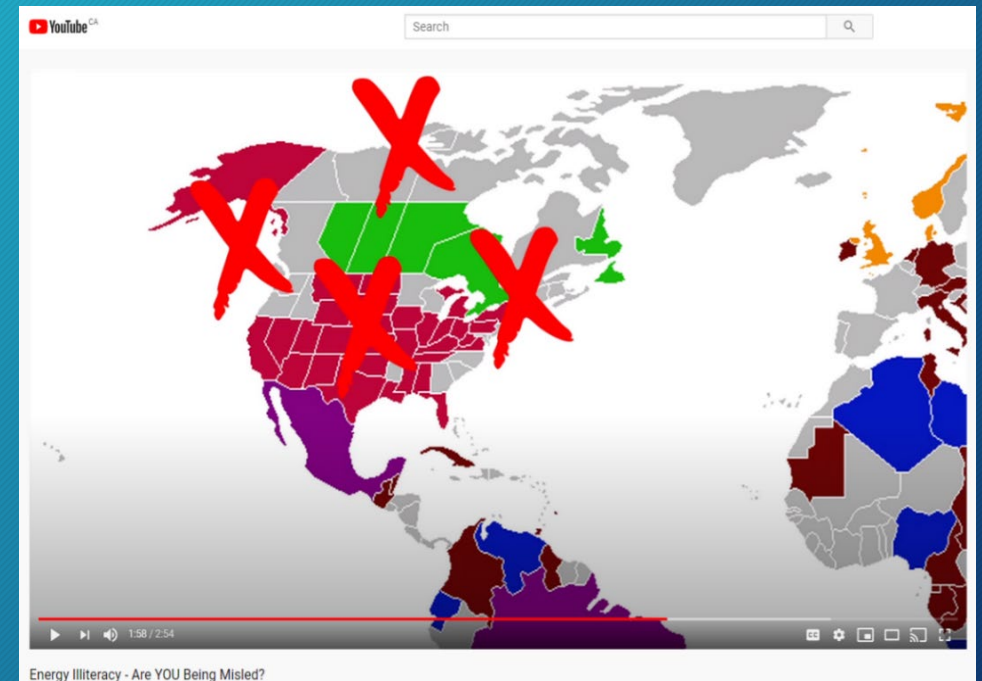
- There seem to be very few blockades of Russian oil and gas supply pipelines to Europe, perhaps because the memory of war is still felt too deeply by Europeans.
- Decades of pre and post-war cold, hunger, unemployment and want, [massive inflation](#), all culminating in crippling wars or humiliating reconstruction are not appealing.
- By contrast, since the Russian Bear (once an ally with the west against Hitler and the liberator of Berlin in WWII) is willing to sell its oil and gas to Europe so that life, jobs, and industry can go on, who would dare protest? Why?



<https://foreignpolicy.com/2021/07/26/biden-merkel-putin-nord-stream-2-gas-pipeline-germany-russia-ukraine-geopolitics-central-eastern-europe/>

Easy to #ShutDown Canada

- Curiously, the opposite is true in Canada, where **even within our own domestic borders**, pipelines have been blocked in all directions by foreign funded/foreign strategized domestic and foreign groups.
- Look at the map. Even a 3-year-old can see where to put the blockades to shut down market access.
- To #ShutDown Canada.



<https://youtu.be/-iUUIjbM45U>



Tar Sands Campaign - In Their Own Words

- “Casey-Lefkowitz joined NRDC in 2000 as director of work in Canada, starting and leading the campaigns against tar sands development and the Keystone XL pipeline.”



SUSAN CASEY-LEFKOWITZ

CHIEF PROGRAM OFFICER

As chief program officer, Susan Casey-Lefkowitz directs NRDC's Climate and Clean Energy, Healthy People and Thriving Communities, Nature, and International programs. These teams of lawyers, scientists, policy experts, analysts, and economists work to develop and implement policy and law solutions to challenging environmental problems—from research to practice, in the United States and around the world.

Casey-Lefkowitz joined NRDC in 2000 as director of work in Canada, starting and leading the campaigns against tar sands development and the Keystone XL pipeline. She then led the International program, served as deputy director of programs, and coordinated the Clean Power Plan initiative before becoming chief program officer. Prior to joining NRDC, she worked to advance international law and policy at the Environmental Law Institute and at the IUCN Environmental Law Center. She received her bachelor's in Latin American studies from the University of Virginia and her law degree from the University of Virginia School of Law. Casey-Lefkowitz is based in the Washington, D.C. office.

CONTACT

Jake Thompson

202-289-2387

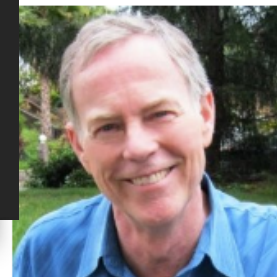
[✉ jthompson@nrdc.org](mailto:jthompson@nrdc.org)

PRIORITIES

[Dirty Energy](#)
[Clean Energy](#)

become a model for further state and city EV campaigns.

CorpEthics Team



Senior Strategic Adviser, Michael Marx, Ph.D.

Michael received his doctorate from the University of Wisconsin-Madison, where he taught communications and organizational behavior courses. Earlier in his career, he founded Selection Sciences, Inc. a management consulting firm specializing in employee selection and management training and assessment. His clients included Fortune 500

companies like Hewlett-Packard, Memorex, Fireman's Fund, Transamerica, Pacific Bell, and American Express. Selection Sciences, Inc. also specialized in jury selection, case presentation, and post-verdict analyses in large civil cases.

In the early 1990s, Michael transitioned out of corporate and legal consulting to become an environmental activist. Working for NGOs like Rainforest Action Network, ForestEthics (which he co-founded), CorpEthics (which he founded), and the Sierra Club, he helped lead several international campaigns to improve the environmental and human rights practices of major corporations like Mitsubishi, Home Depot, Staples, PepsiCo and Walmart. Michael also founded the Business Ethics Network which is comprised of U.S. NGOs that engage in corporate campaigns.

Michael advised the International Tar Sands Oil Campaign, which included over 100 groups working in the U.S., Europe and Canada. He now manages the Moving Beyond Oil Fund which supports groups working to protect the Clean Car Standards as well as coalitions of diverse groups in key states working together to accelerate the electrification of transportation.



Strategic Adviser, Kenny Bruno

Kenny Bruno is a consultant to CorpEthics. He specializes in campaigns to end the era of oil and accelerate alternatives. He has worked for Greenpeace, EarthRights International, Corpwatch, Environmental Health Fund, Corporate Ethics International, and New Venture Fund. He has served

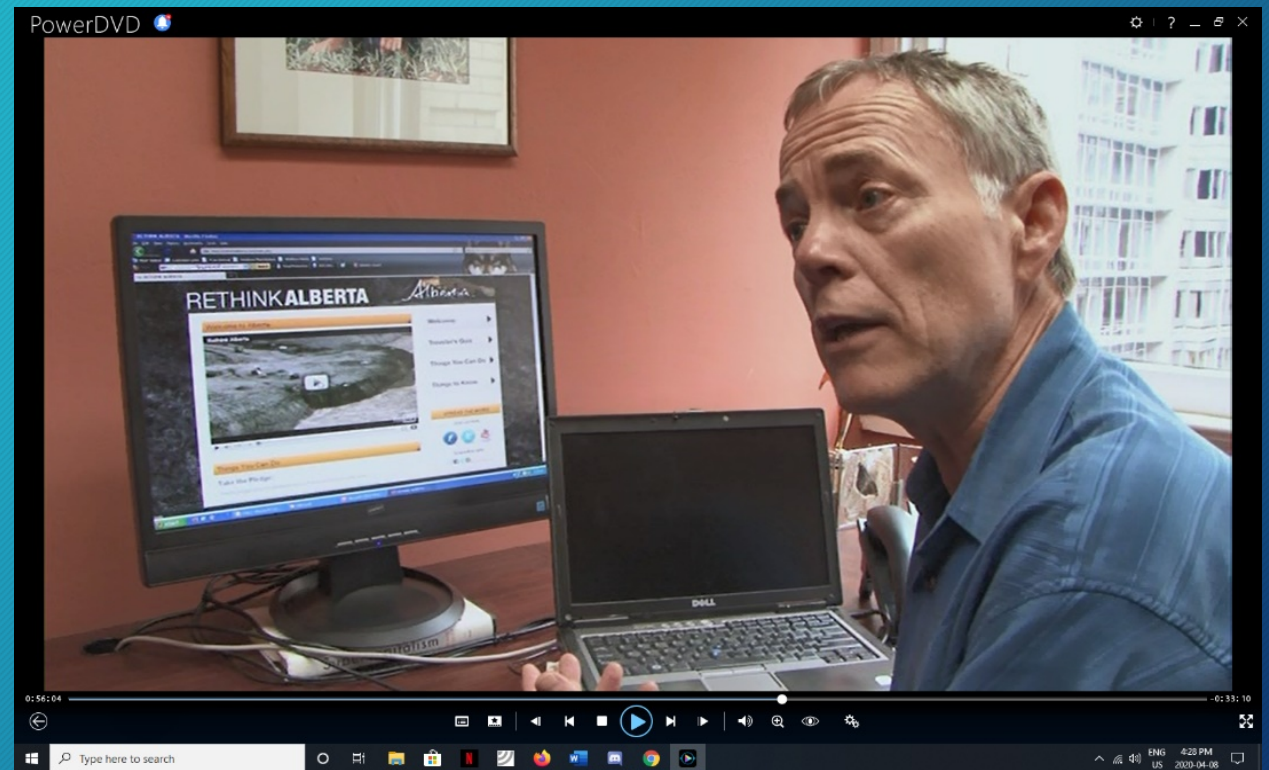
as an Adjunct Professor at NYU, teaching courses on Strategic Campaigning and Advocacy and

CorpEthics

- “Michael advised the international Tar Sands Oil Campaign, which included over 100 groups working in the U.S., Europe and Canada. He now manages the Moving Beyond Oil Fund which supports groups working to protect the Clean Car Standards as well as coalitions of diverse groups in key states working together to accelerate the electrification of transportation.”

CBC's Co-Production of "The Tipping Point..."

Screenshot of American Michael Marx from CBC's 2011 co-production "The Tipping Point" showing off his "Rethink Alberta" smear campaign to Roland Hwang of Natural Resources Defense Council (NRDC). In the documentary, Marx was described as the 'bag man' for money from green billionaires to fund the multi-faceted "Tar Sands Campaign".



Rethink Alberta

Marx explained that the campaign is about trying to persuade business to stop establishing offices in the province. In addition to billboards, the campaign will draw heavily on social media with a full website, Rethink Alberta, online banner and flash ads on major tourism websites and Google ad buys for search terms like "Alberta" and "tourism" to help direct Internet users to its website. The campaign is expected to go on for several years. "We think it will have implications not just for tourism but also for the willingness of companies to do business there and to establish headquarters or affiliates there," Marx said. A number of U.S. groups are backing the effort, including Rainforest Action Network, Forest Ethics, Global Community Monitor and Friends of the Earth. In Canada, Marx said the campaign would have mostly "silent" supporters, suggesting that was for their protection. "We're expecting a lot of backlash from Alberta," Marx said. According to Marx, the campaign's "big goal" is to end expansion of the oil sands. Key to that, he said, is blocking approval of a \$7 billion pipeline under review by the U.S. Department of State.

Screenshot of 2010 9th Annual International Funders for Indigenous Peoples report:

<http://www.internationalfunders.org/wp-content/uploads/2014/10/IFIPConferenceReport2010.pdf>

Indigenous people are sometimes a prime target of opportunistic trade warriors

- Indigenous people are sometimes a prime target of opportunistic trade warriors because though they make up 6% of the world's population, “they own, occupy, or use a quarter of the world's surface area, they safeguard 80 percent of the world's remaining biodiversity.” By partnering with them and driving a wedge between their communities and the federal government, parties can bypass domestic sovereign legislation. See “A Cloak of Green” – Elaine Dewar.



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Kenny Family Foundation
Mitsubishi Corporation Foundation for the Americas
The Christensen Fund
The Mailman Foundation
SEEDS for Communities
Tides Canada
The Ocean Foundation
Walter and Duncan Gordon Foundation

Planning Committee
IFIP Thanks These Devoted Members
Their Guidance & Expertise:

Co-Chairs:
Gary Martin, Executive Director, Global Diversity Foundation and Co-chair of Planning Committee
Susan Balbas, Executive Director, Tierra Madre Fund
Timothy R. Dykman, Co-Director, Ocean Revolution, A Project of the Ocean Foundation and Co-chair of Planning Committee
Lillian Autler, Institutional Giving Coordinator, Grassroots International
Meaghan Calcari, Program Officer, Betty Gordon Moore Foundation
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Elena Moreno, Executive Director, Circulo
Paul Kenny, Kenny Family Foundation
Susan Smitten, Communications Director, RAVEN, Respecting Aboriginal Values & Environmental Needs

SPECIAL THANKS TO ALL THOSE THAT HELPED WITH THE ORGANIZING & VOLUNTEERING:
Kyrie Ransom, Laurie Rubin, Eileen Floody, Ramona Cornell, Yumi Sera, Teri Hansen, S Moskwa, Cintra Agee, Heather Leach, Erin Smith Kanabus Paltki, April Ingham

Spanish Translators: Armando Medinaceli, Miguel Alexiades, Emily Goldman and Alejandra R
Photography: Angela Sevin and Nicolas Villaume
Research, Layout and Design: Tami Snyder

CorpEthics - Founder of two schools for training indigenous leaders



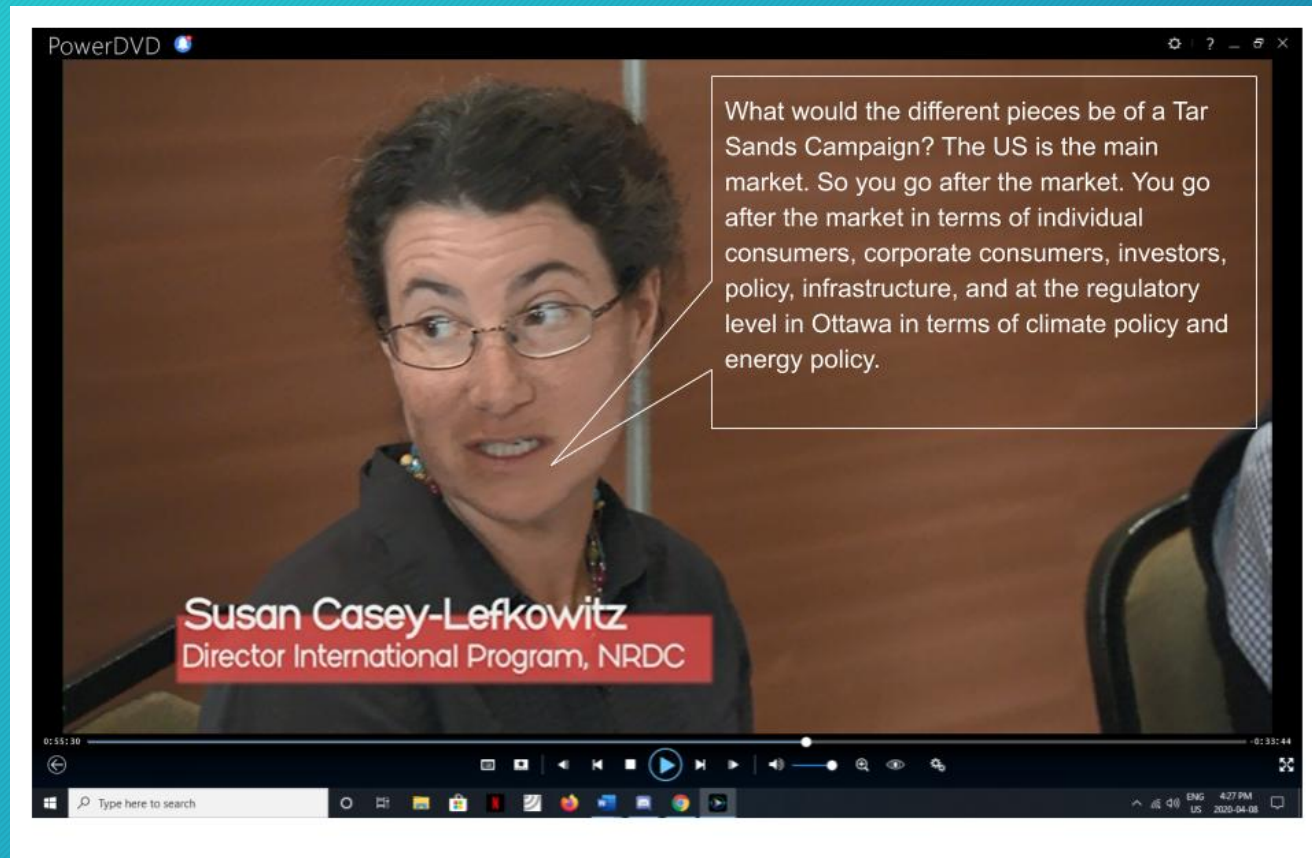
Strategic Adviser, Kenny Bruno

Kenny Bruno is a consultant to CorpEthics. He specializes in campaigns to end the era of oil and accelerate alternatives. He has worked for Greenpeace, EarthRights International, Corpwatch, Environmental Health Fund, Corporate Ethics International, and New Venture Fund. He has served as an Adjunct Professor at NYU, teaching courses on Strategic Campaigning and Advocacy and Linking Human Rights and Environment.

Kenny is the founder of two schools for training indigenous leaders on human rights and environment, one in Ecuador and one in Peru, and the co-author of three books: *Greenwash: The Reality Behind Corporate Environmentalism*, *Earthsummit.biz: The Corporate Takeover of Sustainable Development* and *Josie and the Fourth Grade Bike Brigade*.

<https://corpethics.org/about/>

CBC “The Tipping Point” - Tar Sands Campaign Explained



Oak Foundation (Switzerland)

Oak Foundation commits its resources to address issues of global social and environmental concern

[Grant Making Criteria](#)

[Letters of Enquiry](#)

[Grant Application Procedures](#)

[Grant Database](#)

[Frequently Asked Questions](#)

[Home](#) » [Tar Sands Campaign](#)

Tar Sands Campaign

Organisation: ForestEthics
Website: www.forestethics.org
Amount: USD 299,879

Purpose:

To minimise Tar Sands impacts by 1) creating a perception of economic risk, whereby Tar Sands imports become less attractive to US corporations and, the Canadian government questions its unbridled support for expanded and unregulated development; 2) placing a hard cap on Tar Sands emissions to slow expansion and clean up operations; and 3) addressing the environmental impacts of Tar Sands to limit toxic pollution of water and air and respect Aboriginal Treaty Rights. ForestEthics will work with at least 10 Fortune 500 companies to publicly disavow Tar Sands fuel and to purchase fuel from less polluting sources; work with at least one of these companies to exert influence within the US Government to support regulations that will disadvantage Tar Sands fuel; and stop Enbridge's proposed Northern Gateway pipeline which would carry Tar Sands oil from Alberta through BC's pristine wilderness to an oil tanker port on the coast for shipment to Asia.

Programme: Environment
Sub-programme: Climate Change North America
Country: United States

Year Awarded: 2010
Startdate: 1-Aug-10
Enddate: 1-Aug-12
Duration: 24months

An Affidavit

This is the 1st affidavit
of Andrew Frank in this case
and it was made on January, 23, 2012

AFFIDAVIT

I, Andrew Frank, Senior Communications Manager, of [REDACTED] [REDACTED],
Vancouver, British Columbia, SWEAR (OR AFFIRM) THAT:

1. I am 30 years old. I currently am employed by ForestEthics Canada ("ForestEthics"). I have been employed by ForestEthics as a Senior Communications Manager since October 2011, and before that from 2007 to 2010 as a Communications Officer on contract. My primary job duties include envisioning, planning and executing communications strategies for ForestEthics' Tar Sands and Sacred Headwaters campaigns, and I provide ongoing advice about media aspects of each campaign.
ForestEthics is a charitable project of Tides Canada ("Tides"), a charitable foundation. I am technically employed by Tides. Tides holds charitable funds in trust for its respective charitable projects, including ForestEthics.

Counterpunch

- <https://www.counterpunch.org/2013/10/16/how-tides-canada-controls-the-secret-north-american-tar-sands-coalition/>
-



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OCTOBER 16, 2013

How Tides Canada Controls the Secret North American Tar Sands Coalition

by MACDONALD STAINSBY

Before Tzeporah Berman began her current position as head of the North American Tar Sands Coalition, Tides Canada had already established these structures to create near-total control over budgets—and therefore, most decisions—for staggering numbers of organizations. Berman was around at the time, working for PowerUp pushing forward offsets garnered by river destruction. Some of the participant organizations already had working partnerships with multiple tar sands producers. The over-whelming majority were already greased by primarily high donors and foundations. Thus, joining the NATSC meant, essentially, double dipping.



The Tides Foundation began the NATSC as a project with earmarked funding coming from other large philanthropic foundations. This unelected and unseen structure was created to stand as a vehicle to help forge a similar backroom strategy for and likely negotiation of a “final agreement” to end campaigns against either certain segments or corporations involved in tar sands, likely borrowing from concepts involved in crafting similar deals with forestry corporations.

Tar Sands Campaign Strategy

The *long-term goal of this campaign* is to accelerate the shift in Canada and the U.S. towards clean energy and lower energy consumption. We believe this can be achieved through a combination of cap and trade legislation to internalize carbon costs, carbon taxes, large government investments in clean energy technology development, incentives for energy conservation, and rapid deceleration of deforestation. With regards to tar sands specifically, our long-term goal is to stop the production of this fuel.

TAR SANDS CAMPAIGN STRATEGY 2.1

Michael J. Marx, Ph.D.
Corporate Ethics International

OCTOBER 2008

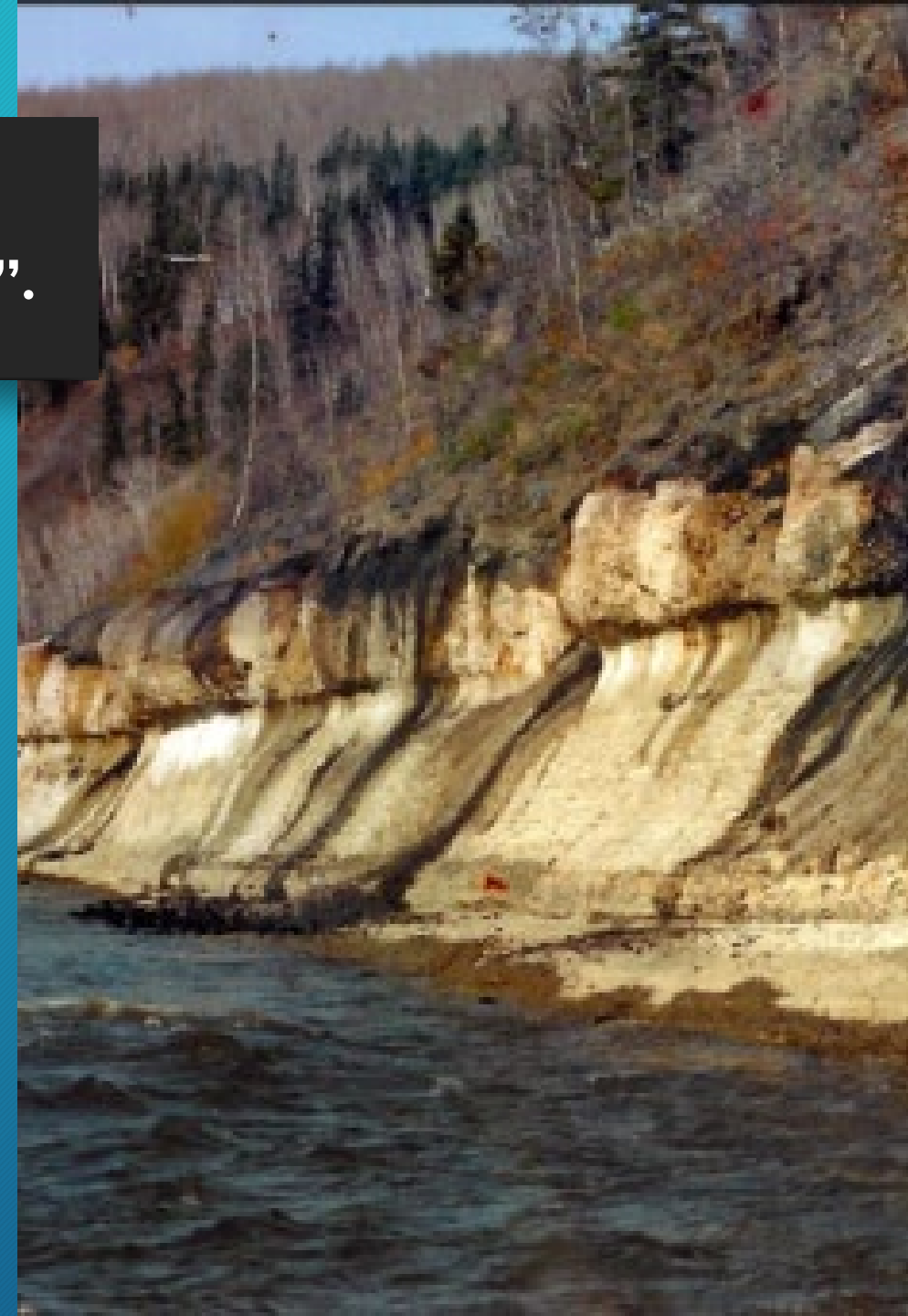


This document is confidential. It is a working document that will be continually updated as we refine our goals and strategy through the course of the next two months with industry and market research and in meetings with key constituencies and experts.

2008 strategy document <http://www.offsettingresistance.ca/TarSandsCoalition-StrategyPaper2008.pdf>

“Marketing 101” – define (or create) your competitive advantage. AKA “Perception is reality”.

- Environmental Defence tries to claim in its report “*Not Just a Canadian Phenomenon...*” that citizen protests against fossil fuel projects are happening all over the world, therefore there is nothing special about the Tar Sands Campaign against the Alberta oil sands. The foregoing screenshots, show, in the words of the strategists and participants of the Tar Sands Campaign, this appears to have been and still is a highly sophisticated, very well-funded, globally coordinated ‘green’ trade war against Alberta and Canada. One that has gone on for decades.
- But why?
- The common answer is that most people will give is the mantra the Tar Sands Campaign taught you – ‘it’s dirty oil’. Alberta’s oil sands are a somewhat larger emitter of carbon dioxide, due to the fact that the oil must be separated from the sand in a process requiring more energy than that of simply pumping ‘sweet’ oil from a well in Saudi Arabia or elsewhere. But, in reality, it is just oil.
- If one develops the narrative that the world is ‘climate constrained’ and that ‘carbon’ emissions must be cut to meet Paris Agreement targets, then any other oil in the world has an immediate real and perceived investment advantage over the Alberta oil sands.

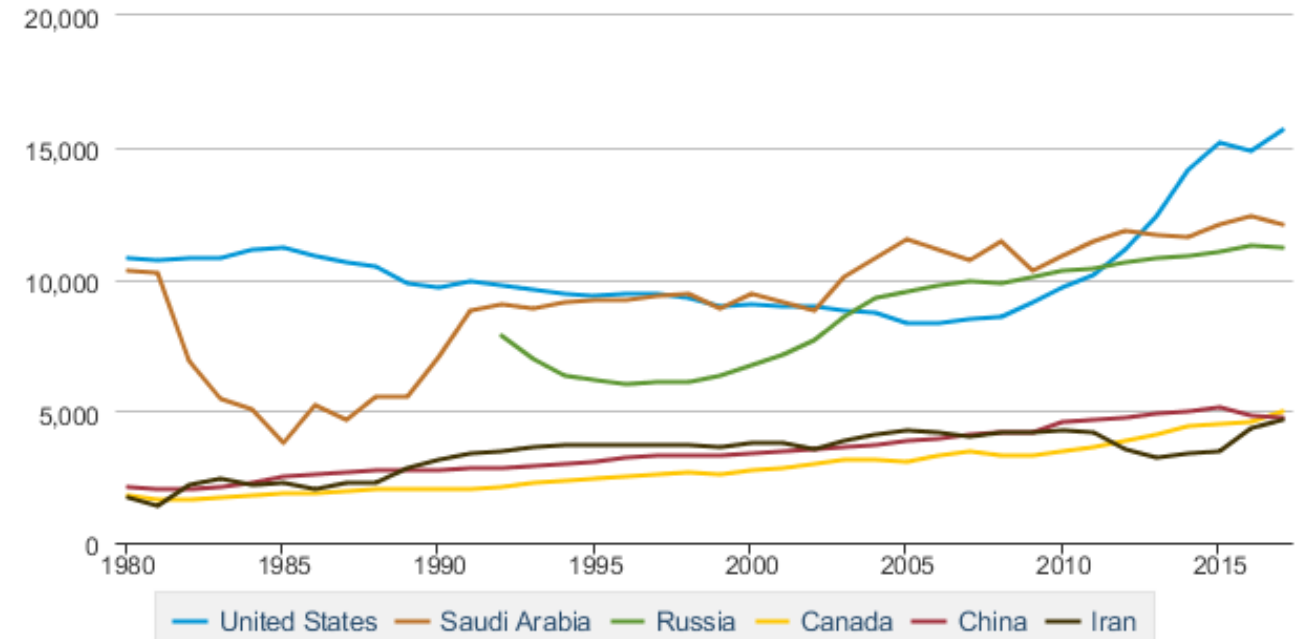


Only Alberta Oil...

- If oil, per se, were truly the issue of protests, you would think there would be similar complex “Tar Sands Campaign” strategic activities against oil production in all of the countries in the chart – but that is not happening. People should ask themselves, “why?”

2017 U.S. and other top 5, total petroleum and other liquids production

Thousand Barrels Per Day



Source: U.S. Energy Information Administration

Geopolitics matter more than Climate



The world has changed dramatically. The USA is no longer dependent on the Middle East for oil.

Of the top eleven oil producing countries in the world, only two are democracies – Canada and the United States of America. While for many years, the world was obsessed with the fear of ‘peak oil’ – where oil would run out, prices would skyrocket and energy wars would break out – it is quite clear that there are centuries of reserves of oil and gas. So, there is a ‘cat fight’ for markets.

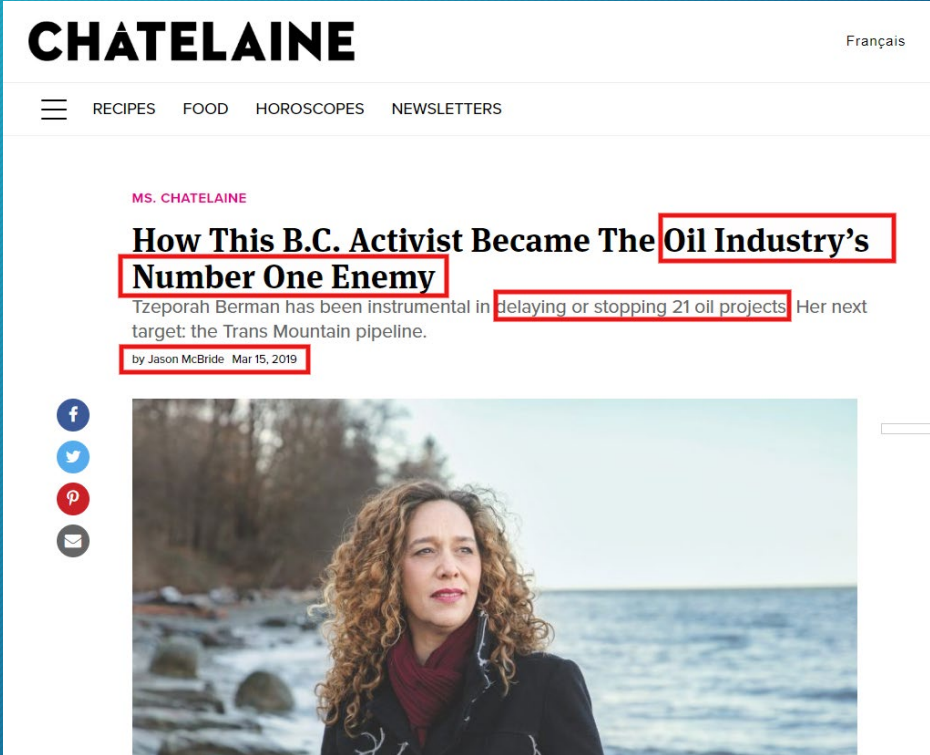
The Tar Sands Campaign was truly an ad agency style of campaign, a very unusual form of protest that citizens would normally never think of staging.

Lots to protest about oil in California, home of Stand.Earth (formerly ForestEthics)

One of the loudest and best-known critics of the Alberta oil sands is Canadian Tzeporah Berman. She works for Stand.Earth (formerly ForestEthics) which operates out of California. If they were genuinely concerned about the use of oil, there is lots to protest against in California. For instance, according to the US Energy Information Authority (US EIA):

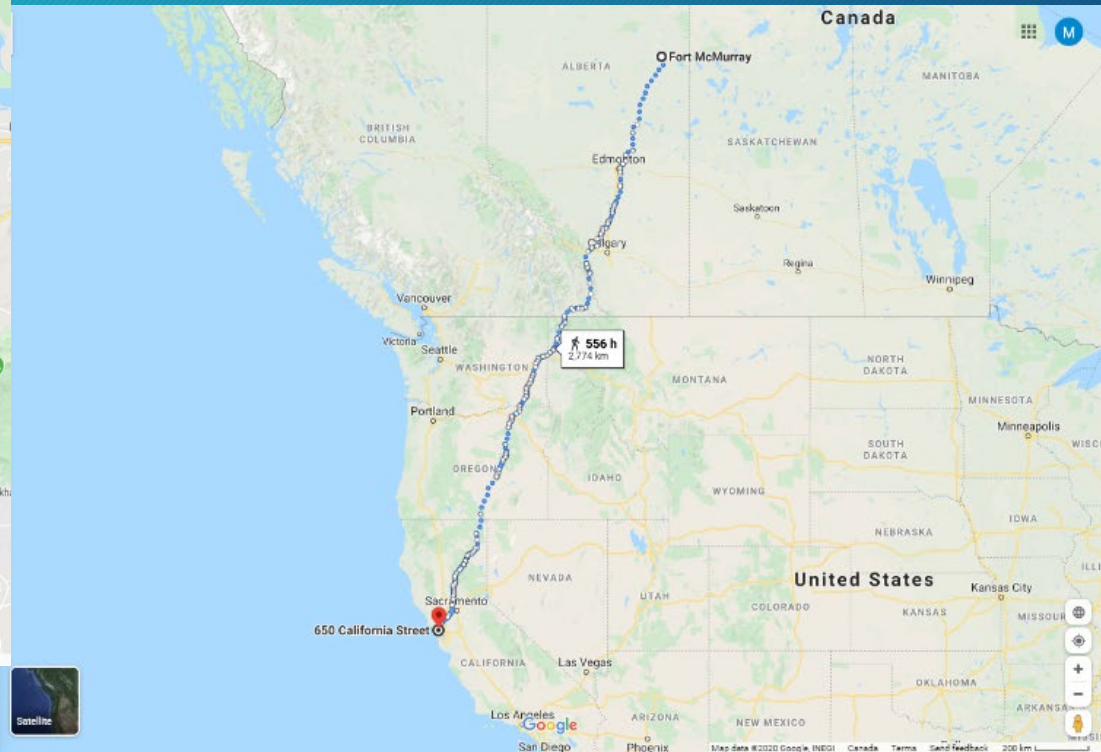
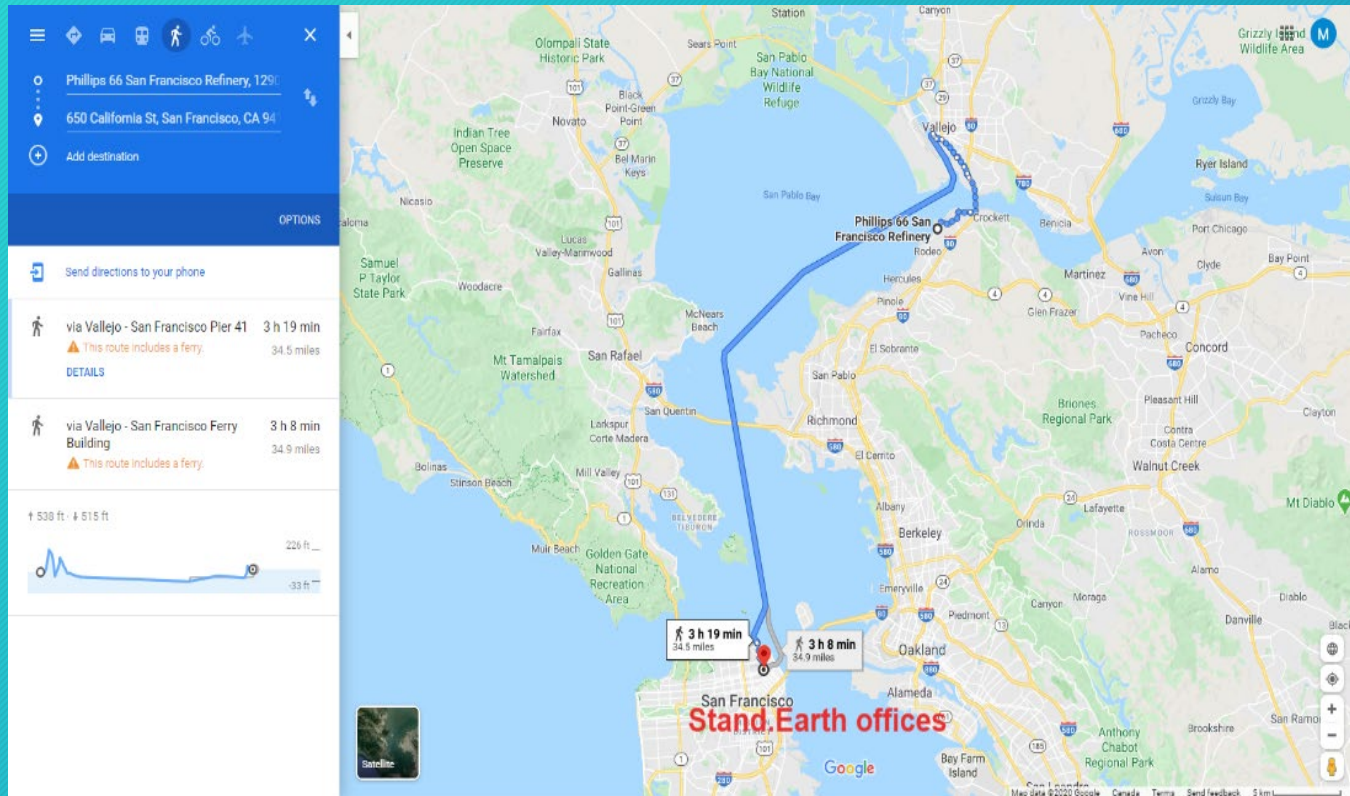
QUICK FACTS

- California was the **seventh-largest producer of crude oil** among the 50 states in 2018, and, as of January 2019, it ranked **third in oil refining capacity**.
- California is the **largest consumer of jet fuel** among the 50 states and accounted for **one-fifth of the nation's jet fuel** consumption in 2018.
- California's **total energy consumption is second-highest in the nation**, but, in 2018, the state's per capita energy consumption was the fourth-lowest, due in part to its mild climate and its energy efficiency programs.



The screenshot shows the top of a CHATELAINE article. The page has a white background with a blue header. The word 'CHATELAINE' is in large, bold, black letters. To the right, 'Français' is written in a smaller font. Below the header, there is a navigation bar with a hamburger menu icon and the words 'RECIPES', 'FOOD', 'HOROSCOPES', and 'NEWSLETTERS'. The article title is 'How This B.C. Activist Became The Oil Industry's Number One Enemy'. The author is 'MS. CHATELAINE'. The byline is 'by Jason McBride Mar 15, 2019'. The main text starts with 'Tzeporah Berman has been instrumental in delaying or stopping 21 oil projects. Her next target: the Trans Mountain pipeline.' There are social media sharing icons for Facebook, Twitter, Pinterest, and Email on the left side of the article. A photograph of Tzeporah Berman is visible at the bottom of the article.

It is curious that with the [Phillips 66 refinery](#) that is loading and processing oil from desert nations just a couple of hours away from the San Francisco offices of Stand.Earth, Tzeporah Berman finds it necessary to come 2,774 km north to pester the Alberta oil sands at Fort McMurray.



Geopolitics of Oil

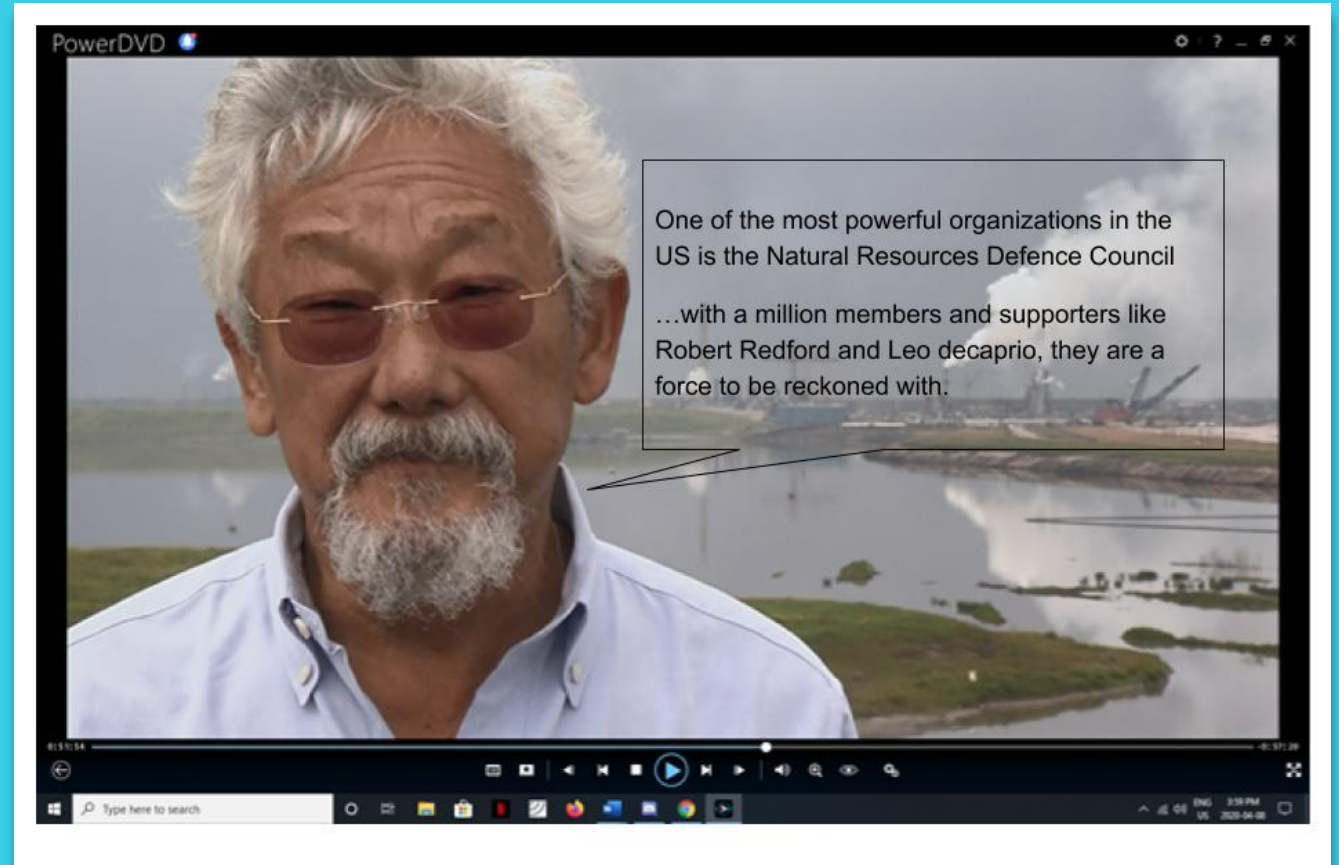
- Just based on the foregoing information, in terms of market share, one could assume that **California would not like Texas to expand its lead as a refiner by having Keystone XL heavy oil arrive from Alberta.** Likewise, one can see the political lines drawn in the sand in the US between Democratic California and Republican Texas – indeed a battle of the Titans.
- Likewise, one could speculate that if the Phillips 66 refinery customer base includes Saudi Arabia, that is a nation that has lost its traditional hold on the USA, now the US is oil independent.
- Geopolitical energy expert and EU energy consultant for 26 years, Prof. Samuele Furfari notes that unlike the US, a country producing a myriad of value-added products and resources for the world, Saudi Arabia has only oil to sell!



From CBC's co-production of "The Tipping Point: Age of the Oil Sands" (2011)

CBC's "Tipping Point..." co-production

- According to a June 29, 2017 report, shares in Phillips 66 Refinery are largely owned by Warren Buffet's Berkshire Hathaway. Berkshire Hathaway is also an investor in CP Rail. Pipeline Blockadia means more oil is shipped by rail. This information describes market realities and does not imply intent or motive.
- But "The Tipping Point" co-production by Canada's CBC Television's "Nature of Things", hosted by David Suzuki, holds some interesting insights on other factors that may be behind the Tar Sands Campaign.
- Warren Buffett's Berkshire Hathaway (NYSE:BRK.A)(NYSE:BRK.B) **owns** large chunks of several well-known companies, including **Phillips 66**. Overall, Berkshire Hathaway **owns** more than 80 million shares, currently valued at more than \$6 billion, which is its seventh largest stock holding.
<https://www.fool.com/investing/2017/06/29/5-things-you-didnt-know-about-phillips-66.aspx>
- <https://www.fool.ca/2018/11/17/revealed-3-great-warren-buffett-stocks-to-add-to-your-portfolio-today/>
- <https://www.oilsandsmagazine.com/news/2018/10/19/crude-by-rail-on-pace-to-shatter-records-in-2019>



As we saw earlier in this report, Natural Resources Defence Council (NRDC) was involved in blocking Keystone XL as far back as at least 2000. As David Suzuki pointed out in "The Tipping Point", NRDC is 'a force to be reckoned with', in part because of their celebrity entourage. They also have another 'force to be reckoned with' that they collaborate with.

Grassroots?

The screenshot shows the Generation website's 'Global Collaborations' page. The top navigation bar includes 'Home', 'About Us', 'Mission and Values', and 'The Generation Foundation'. The main header features the 'generation' logo and three menu items: 'Investment Strategy', 'Sustainability', and 'Citizenship'. Below the header is a large image of a river delta. The left sidebar contains a menu with 'Overview', 'Addressing Global Challenges', and 'Global Collaborations'. The main content area is titled 'Global Collaborations' and contains the following text:

Generation is proud of its close relationship with a number of leading organisations around the world working towards a more sustainable future:

- > [World Resources Institute](#)
- > [Natural Resource Defense Council](#)
- > [The Climate Reality Project](#)
- > [Mistra Foundation](#)
- > [Global Impact Investing Network](#)

We also fully support the (UK) Financial Reporting Councils (FRC) UK Stewardship Code (the Code). The Code aims to enhance the quality of engagement between asset managers and companies so as to help improve long-term returns to shareholders by setting out good practice on engagement with investee companies to which the FRC believes institutional investors should aspire. Generation takes its responsibility as stewards of its clients assets extremely seriously and feels the code is relevant to all investments, and not only those within the UK. Our response to the Code can be found [here](#).



Al Gore
@algore

Another huge win in our fight to [#StopKM](#). Our voices are being heard. The grassroots climate movement in Canada is making a difference!

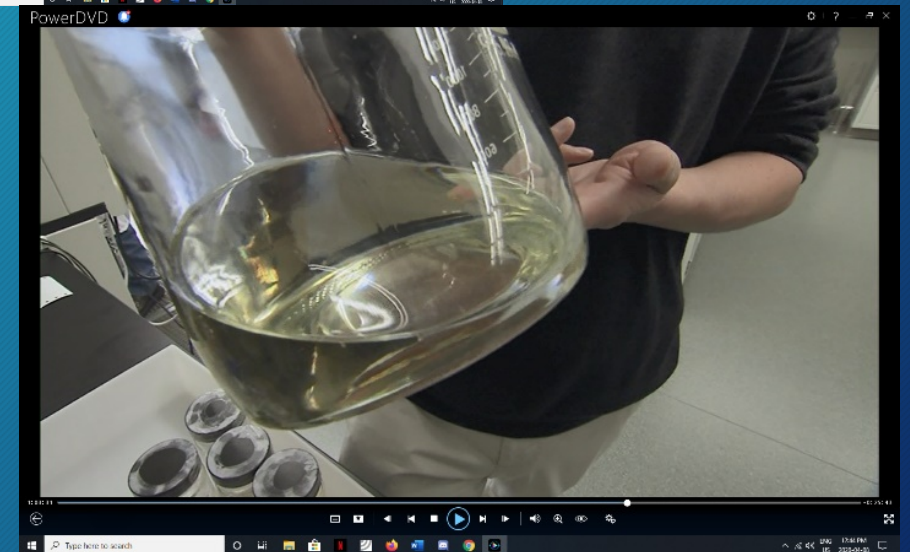
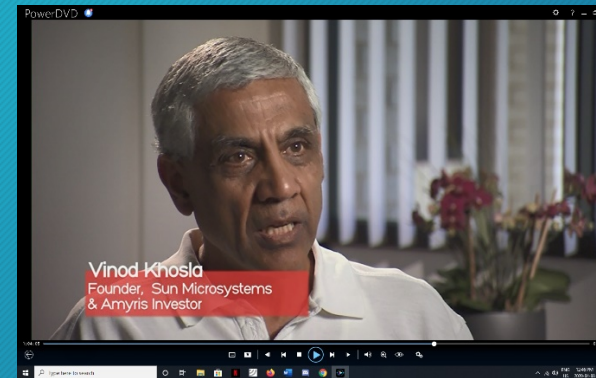


Court quashes Canadian approval of Trans Mountain oil pipeline

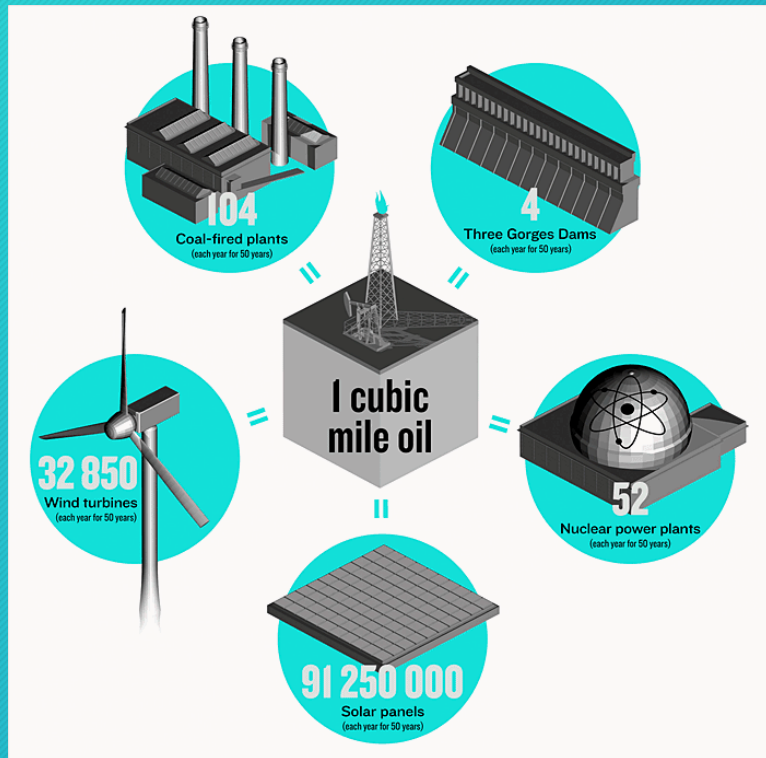
reuters.com

CBC - Promoting Biofuel Competitor

- In “The Tipping Point”, some of the parties express concern that if Keystone XL would be built, the volume of cheap and accessible oil flowing from Canada to the US might defeat California’s ‘clean, green’ initiatives that had been established. (California also has a cap and trade market).
- Likewise, one part of “The Tipping Point” is dedicated to what appears to be a subtle stock market promotion for the biofuel project of Silicon Valley billionaire, Vinod Khosla — that of Amyris. In the documentary, Khosla talks about the possibility of producing gasoline-equivalent biofuel in a lab and replacing the use of conventional refined gasoline in North America, a market potentially worth billions.



3 Cubic Miles of Oil Equivalent Energy/Year



The world uses 3 Cubic Miles of Oil-Equivalent energy every year, one of which IS a Cubic Mile of Oil.

“To obtain in one year the amount of energy contained in one cubic mile of oil, each year for 50 years we would need to have produced the numbers of dams, nuclear power plants, coal plants, windmills, or solar panels shown [here](#).”

<https://spectrum.ieee.org/energy/fossil-fuels/joules-btus-quads-lets-call-the-whole-thing-off>

Amyris is out of biofuels a year later...

- A year after “The Tipping Point” aired, Amyris had pulled out of the biofuel business, all but bankrupt.
- “For now, the luck seems to be with the oil companies. **Advanced-biofuels companies like Amyris, which has engineered yeast to make a hydrocarbon that’s a replacement for diesel, were supposed to have been producing hundreds of millions of gallons of fuel by now.** But that is proving far more difficult—and more costly—than they imagined. Some, such as Range Fuels, have run out of funding and filed for bankruptcy.
- Earlier this month, Amyris also said it would all but exit the fuel business and focus on making low-volume specialty chemicals like moisturizers. “We did well playing blackjack. We’d easily win well into the seven digits as a team,” says Renninger, who is chief technology officer of Amyris. “But fuels and chemicals are a multitrillion-dollar business.” **The scale is different by “orders of magnitude,” he says.**[bold added]
- <https://www.technologyreview.com/2012/02/28/20237/tilting-at-oil-rigs/>

Dirty vs Clean – The Ultimate Marketing Theme

- One thing that the Tar Sands Campaign did do very well, for the renewables industry, for carbon trading and for sustainable business ventures world-wide, was to frame the narrative and the perceived “climate” competitive advantage.
- Until the Tar Sands Campaign, most citizens never thought much about the gas in their car or where it came from. Overall, they did not care. Citizens wanted cheap, available gasoline and diesel.
- But the method of surface mining of the oil sands was an easy image to exploit. It looks dirty and destructive. Throw in a drowning duck coated in tar sands oil and everyone in the world will want the ‘clean-tech’ of ‘free’ wind and solar.
- This was also an excellent marketing ploy to get the attention of institutional investors, and a far more elaborate program was established. One that would sell renewables worldwide and set the groundwork for global cap and trade and carbon pricing.

Democrats vs Republicans

- Canadians and their oil sands investors will be gutted to realize that, according to this report, the Alberta economy was crashed, thousands of lives and businesses were ruined, hundreds have committed suicide in despair While much of the 2009 – forward Tar Sands Campaign was simply opportunistic electioneering for Obama – at least according to this report from [“The Insider”](#)

Obama rejects Keystone XL pipeline and hails US as leader on climate change

President ends years of political drama and hands environmentalists a big victory with decision to turn down proposal to build 1,700-mile pipeline through US



It is really no wonder then, that Obama imagery and language reigned supreme for the Action. Examples:

- In the [June 2011 “call to action” for the Tar Sands Action](#), McKibben and Friends wrote a letter requesting that actionists wear their Obama 2008 “Hope and Change” memorabilia to the front lines: “And another sartorial tip—if you wore an Obama button during the 2008 campaign, why not wear it again? We very much still want to believe in the promise of that young Senator who told us that with his election the ‘rise of the oceans would begin to slow and the planet start to heal.’”
- [“NoKXL” signs featuring the Obama “O” logo](#) from the his 2008 presidential campaign.
- The trademarking of the [“Yes We Can...Stop the Pipeline”](#) chant, a throwback to the ridiculous [Obama “Yes We Can” speech he made in January 2008](#) in the aftermath of the New Hampshire primary second place finish, and the [creepy chant](#) it inspired in the run-up to his 2008 electoral victory over John McCain.
- Scores of references to “exciting the green voting base” and [“not alienating volunteers,”](#) including asking Obama to [“live up to his 2008 campaign promises.”](#)
- A peeved Ralph Nader [described his experience](#) at one of the days of the Action: “Observers told me that there were to be no criticisms of Barack Obama. McKibben wore an Obama pin on the stage. Obama t-shirts were seen out in the crowd.”

Citizen's Protest?

Citizen protests rarely have the financial means or media savvy to run full page ads in major newspapers. Funny that one of the key people with ForestEthics was an ad agency guy. This is why it appears to be a green trade war against Canada, and it appears to be for the larger purpose of the cap and trade, carbon pricing and renewables promoters.

**President Obama,
You'll never guess who's standing between
us and our new energy economy...**



Canada's Tar Sands: the dirtiest oil on earth.

President Obama travels to Canada on February 19. We hope he'll discuss his vision for a new energy future with leaders there. The US and Canada can revive our economies, create green jobs, and build a better future for our children.

This is the best path forward.

Right now, Canada is not on that path. Producing oil from Canada's Tar Sands releases massive greenhouse gas emissions, consumes huge amounts of energy, contaminates fresh water and fish, produces toxic waste and destroys vast forests along with their birds and wildlife. And now, downstream indigenous communities are suffering higher than normal rates of cancer.

Prime Minister Harper and the government of Alberta continue to turn a blind eye to these problems.

Your voice counts. Please let President Obama know that he should ask Canada to clean up the Tar Sands.

Take action online today. Visit ForestEthics.org



FORESTETHICS
VANCOUVER • TORONTO • SAN FRANCISCO • BELLINGHAM

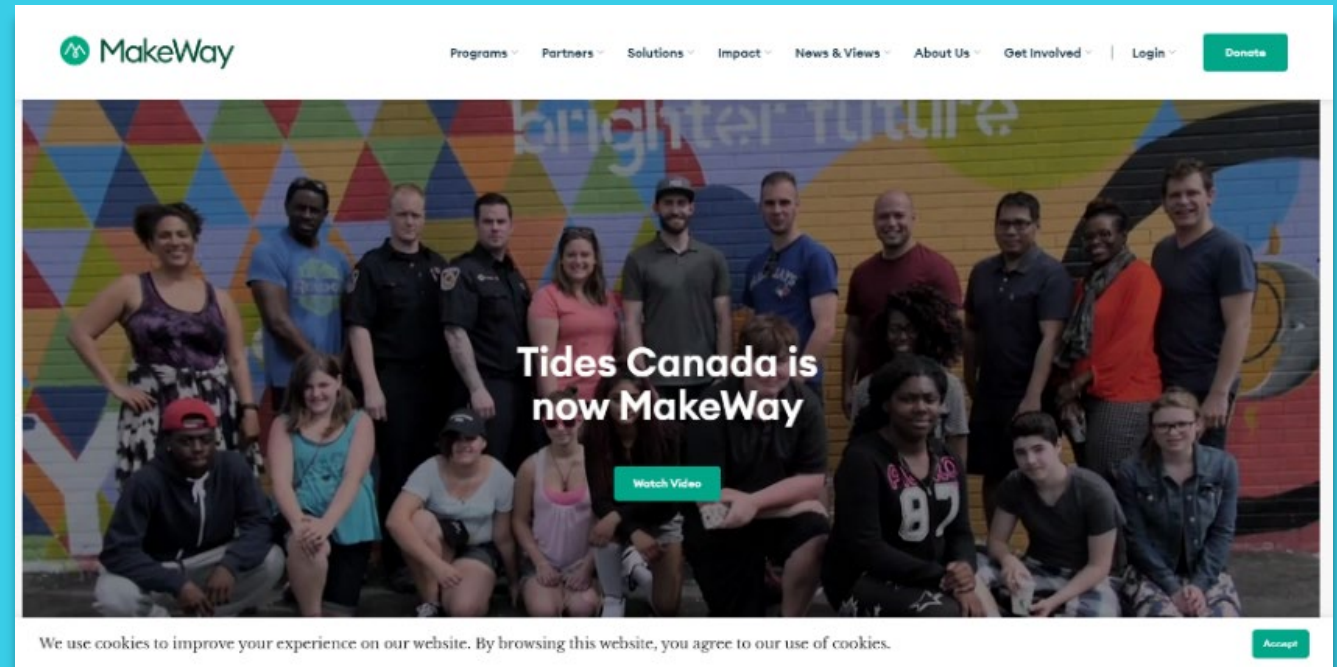


Design to Win

- In the Environmental Defence report “Not Just a Canadian Phenomenon...” there is a timeline on page 12 that begins in the 1990’s, then jumps to 2013. The timeline then proliferates with references to various global protests, divestment programs, indigenous actions, and marches against various forms of fossil fuel development – and Environmental Defence frames them as citizen protests.
- How curious that Environmental Defence left out the 1990-2013 period. That is where all the Tar Sands Campaign action began!
- TIDES Canada and TIDES Canada Initiatives were set up in Canada in the 1990’s. TIDES Canada recently changed their name to “MakeWay”, claiming their reputation had been damaged over Tar Sands Campaign accusations and that they are a completely separate organization from that in the US.

MakeWayfor What?

- Perhaps MakeWay is completely separate now, but until as late as 2010, both TIDES US and TIDES Canada shared board leadership of Drummond Pike (TIDES US Founder) and Joel Solomon - key people in both operations. TIDES US is known for its [ability to create spin off](#) organizations and run donor advised funds (DAF) that provide donors a way to anonymously fund and target specific projects.



Board and Leadership

BOARD OF DIRECTORS

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Drummond Pike
Joel Solomon, **Vice-Chair**
Jodi White, **Incoming Chair**
Margie Zeidler

Special thank you to James A. Morrisey and Susan Gibson, who retired from the board in 2010, for their years of service.

Tides Canada

OUR MISSION

Tides Canada's mission is to provide uncommon solutions for the common good by leading and supporting actions that foster a healthy environment and just Canadian society.

We advance our mission by:

- Creating opportunities to pool ideas and resources to solve complex environmental and social problems
- Partnering with private and public sector donors to facilitate strategic grant-making
- Enabling charitable organizations and people with innovative project ideas to more effectively advance their missions
- Providing philanthropists with tax-efficient vehicles and solutions to amplify the impact and efficiency of their giving

Design to Win - a Grand Global Plan

- In the US, in about 2005, ClimateWorks was formed by a collection of large philanthropies. As Matthew Nisbet reports, their objective was to create global cap and trade, establish carbon pricing and to establish policies to support their vested interests in renewables and other 'clean-tech' (like electric vehicles). To do this, they established a number of global organizations and a model whereby they would fund local environmental groups in various countries to agitate for policies that favoured their objectives, making it appear as if these were grassroots 'citizen' movements, just as Environmental Defence tries to claim.
- It is not clear if the Tar Sands Campaign was a direct subset of the ClimateWorks "Design to Win" plan, but many of the funders of the Tar Sands Campaign are associated with ClimateWorks and vice versa.



https://blog.friendsofscience.org/wp-content/uploads/2021/01/design_to_win_final_8_31_07.pdf

#EnronKnew - and funded ENGOS as proxies

- Cap and Trade as a climate policy reportedly has its roots in [McKinsey, Jeff Skilling](#), and [Enron](#). Enron had made a fortune on cap and trade in the early 1990's and was a strong proponent of the Kyoto Accord. The famous Enron Palmisano Memo echoes the desire for many climate policies that are still being promoted today:
- *The memo, entitled "Implications of the Climate Change Agreement in Kyoto & What Transpired," summarized the achievements that Enron had accomplished. "I do not think it is possible to overestimate the importance of this year in shaping every aspect of this agreement," he wrote, citing three issues of specific importance to Enron which would become, as those following the climate-change debate in detail now know, the biggest money plays:*
- *the rules governing emissions trading,*
- *the rules governing transfers of emission reduction rights between countries,*
- *and the rules governing a gargantuan clean energy fund. (bold added)*



“Lack of delivery of an invisible substance to no one....”

- Very simply put - the means of capitalizing was to establish a price on carbon, which then gives value to the tradeable Renewable Energy Certificates (RECs) (that are generated by wind and solar), and then this ‘price on carbon’ also creates a ‘cost’ to large emitting industries. This burden of cost then forces them into buying ‘credits’ - aka carbon trading – especially high emitting industries as they have few other options (with current technology and energy sources) to reduce their emissions. But how to create enough wind and solar farms to “make enough REC ‘money’”? The answer? Create a large international fund where developing nations can apply for funding.... which in turn will finance the renewables they buy from developed nations...and in turn those will generate more tradeable RECs. Bribe developing nations with the promise of payment from this \$100 billion/year Green Climate Fund...and threaten developed nations with cuts and consequences. “Who Cuts? Who Pays?” explains this. Though presented as if a ‘treaty’ Robert Lyman explains that the Paris Agreement is voluntary and aspirational and Donna Laframboise explains that Greenpeace and WWF have been deeply involved in writing IPCC reports.
- JoAnn Nova offers “The Other Side of Climate”.
- Interpol offers this “Guide to Carbon Trading Crime”.



“The carbon market is based on the lack of delivery of an invisible substance to no one”

Grant from the Swiss-based Oak Foundation to: *Environmental Defence Canada*

- USD \$426'857
- Date: 2010
- 36 months (1 Aug 2010-30 Jul 2013)
- *To call for the passage of legislation **mandating a reduction of tar sands emissions and introducing additional regulatory requirements for the industry.***
- *The project aims to secure agreement to implement and fund incentives for investment in renewable energies and energy efficiency. EDC seeks to ensure that Canada's cap and trade system is as strong as possible and to close off loopholes for the tar sands industry (such as intensity targets and weak compliance options). It also seeks a federal permit system for tailings ponds and at least USD 5 billion in new incentives for renewable energies and energy efficiency from federal and state governments in 2010.*
- *Source: Oak Foundation online grant database [bold emphasis added]*

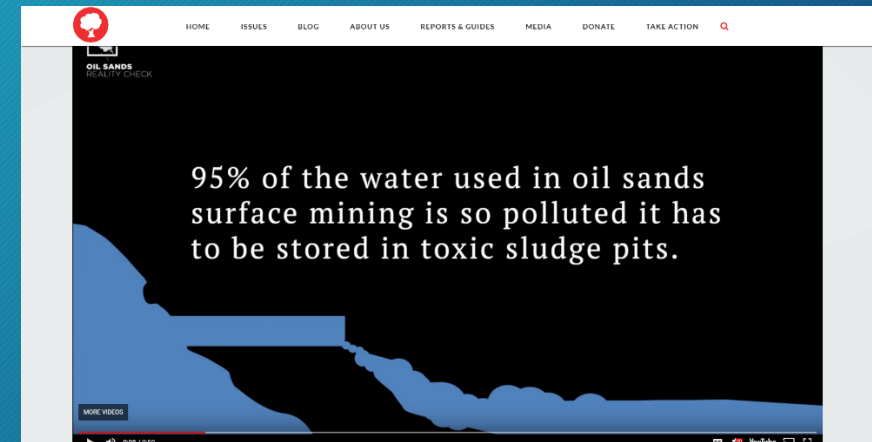
Tar Sands Campaign Theory of Change

Our theory of change is to constrain the growth of tar sands production by increasing the perception of financial risks by potential investors and by choking off the necessary infrastructure (inputs and outputs) of the tar sands. We will accomplish this by raising the visibility of the negatives associated with tar sands; initiating legal challenges in order to force government and corporate decision-makers to take steps that raise the costs of production and block delivery infrastructure; and by generating support for federal and state legislation that pre-empts future demand for tar sands oil.

Source: Tar Sands Campaign Strategy <http://www.offsettingresistance.ca/TarSandsCoalition-StrategyPaper2008.pdf>

Citizen Protest?

- It seems that Environmental Defence may want the public to think that the Tar Sands Campaign is nothing special because, as shown above, they reportedly have been funded to enact part of it. As with much of the climate change movement, street theatre and gut-wrenching exaggeration have been key to the success of the messaging of Tar Sands Campaign functionaries.
- Citizen protests entail a handful of people with homemade signs typically rallying for a short time on a local issue. The dramatic graphics and clever twist of facts are evidence of advanced advertising methods behind the Tar Sands Campaign functionaries, something citizen protests lack. In fact, regarding the false claims made by Environmental Defence in that meme, 95% of the process water used in oil sands surface mining is **recycled** from the tailings ponds precisely because the Alberta government does not allow process water from oil sands operations to be released into the Athabasca River. Even though, the natural 'tar sands' flow through the river and the river flows through the tar sands.

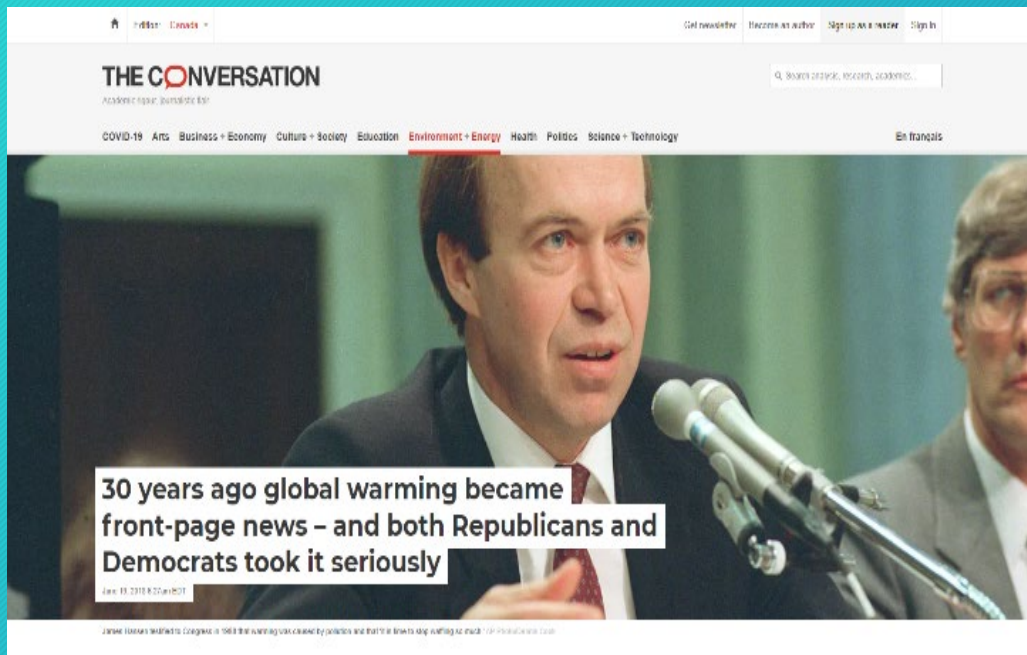


Charles Mair Eye-witness Report 1899

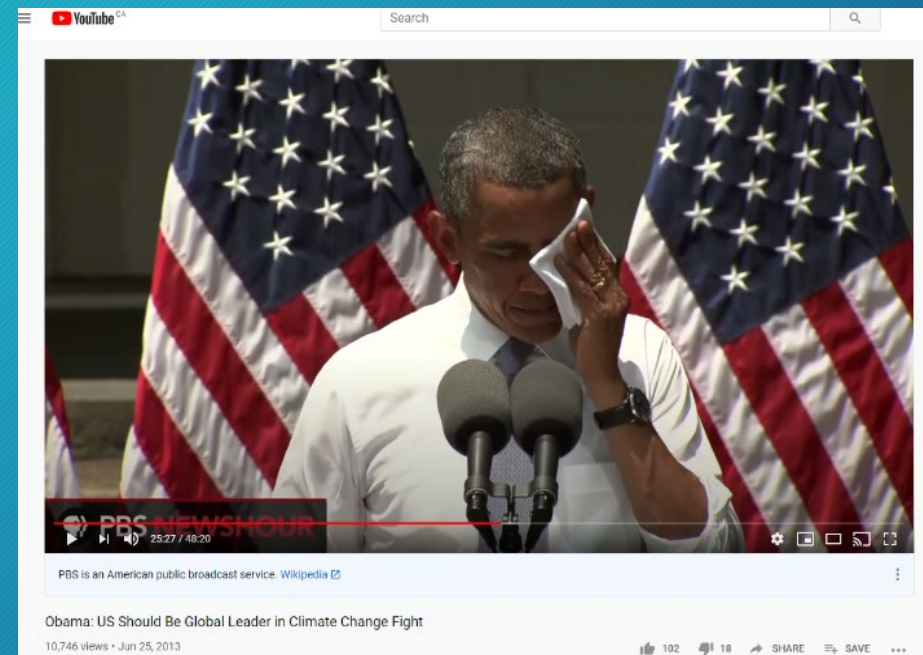
- In 1899, Charles Mair wrote this in his [Treaty Diary](#):
- *We were now traversing perhaps the most interesting region in all the North. In the neighbourhood of McMurray there are several tar-wells, so called, and there, if a hole is scraped in the bank, it slowly fills in with tar mingled with sand. This is separated by boiling, and is used, in its native state, for gumming canoes and boats. Farther up are immense towering banks, the tar oozing at every pore, and underlaid by great overlapping dykes of disintegrated limestone, alternating with lofty clay exposures, crowned with poplar, spruce and pine. On the 15th we were still following the right bank, and, anon, past giant clay escarpments along it, everywhere streaked with oozing tar, and smelling like an old ship.*
- *These tar cliffs are here hundreds of feet high, of a bold and impressive grandeur, and crowned with firs which seem dwarfed to the passer-by. The impregnated clay appears to be constantly falling off the almost sheer face of the slate-brown cliffs, in great sheets, which plunge into the river's edge in broken masses. The opposite river bank is much more depressed, and is clothed with dense forest.*
- *The tar, whatever it may be otherwise, is a fuel, and burned in our camp-fires like coal. That this region is stored with a substance of great economic value is beyond all doubt, and, when the hour of development comes, it will, I believe, prove to be one of the wonders of Northern Canada.*



Hot Topic? Heated Rooms and Hot Podiums



<https://theconversation.com/30-years-ago-global-warming-became-front-page-news-and-both-republicans-and-democrats-took-it-seriously-97658>



Then President Obama 2013 on a hot podium at Georgetown.

https://youtu.be/KY-gZXq_OnM Text:

<https://obamawhitehouse.archives.gov/the-press-office/2013/06/25/remarks-president-climate-change>

PBS Frontline - Senator Timothy Wirth

Wirth served as a U.S. Senator from Colorado until 1993, when he left the Senate to serve under President Clinton in the State Department. He is now president of the [United Nations Foundation](#). Wirth organized the 1988 Senate hearing at which [James Hansen](#) addressed global warming, and he led the U.S. negotiating team at the Kyoto Summit. In this interview, Wirth describes the debate surrounding global warming within the Bush I and the Clinton administrations, including his experience of the Kyoto negotiations, and asserts that partisan politics, industry opposition and prominent skeptics have prevented action from being taken. This is an edited transcript of an interview conducted Jan. 17, 2007.

So a number of things came together that, for the first time, people began to think about it. I knew it was important because there was a big article in, I believe, the Swimsuit Issue of *Sports Illustrated* on climate change. [Laughs.] So there was a correlation. You figure, well, if we're making *Sports Illustrated* on this issue, you know, we've got to be making some real headway.

And did you also alter the temperature in the hearing room that day?

... What we did it was went in the night before and opened all the windows, I will admit, right? So that the air conditioning wasn't working inside the room and so when the, when the hearing occurred there was not only bliss, which is television cameras in double figures, but it was really hot. ...

So Hansen's giving this testimony, you've got these television cameras back there heating up the room, and the air conditioning in the room didn't appear to work. So it was sort of a perfect collection of events that happened that day, with the wonderful Jim Hansen, who was wiping his brow at the witness table and giving this remarkable testimony. ...

The one thing that Hansen didn't do that day in front of your committee is use the term "global warming." He said, "Gentlemen, I'm 99 percent sure that human beings are contributing to climate change," but he didn't quite have the nerve, because he was outside scientific consensus at the time. ...

Oh, Hansen went a long way. This was a very, very brave statement. He was on the edge of the science and almost 20 years younger than he is today, so he's relatively new in the field. He's working for the federal government, and certainly this was not cleared far up the line, what he had to say. So the summary of what Jim Hansen had to say that year, plus the fact that it had gotten so much attention from the [press] -- it was on every channel, Hansen was widely reported. He went as far as anybody could possibly have expected him to go, I think. Again, it was a very brave thing for him to do.

How did you know about Jim Hansen?

... I don't remember exactly where the data came from, but we knew there was this scientist at NASA who had really identified the human impact before anybody else had done so and was very certain about it. So we called him up and asked him if he would testify. Now, this is a tough thing for a scientist to do when you're going to make such an outspoken statement as this and you're part of the federal bureaucracy. Jim Hansen has always been a very brave and outspoken individual.

What else was happening that summer? What was the weather like that summer?

Believe it or not, we called the Weather Bureau and found out what historically was the hottest day of the summer. Well, it was June 6 or June 9 or whatever it was, so we scheduled the hearing that day, and bingo: It was the hottest day on record in Washington, or close to it. It was stiflingly hot that summer. [At] the same time you had this drought all across the country, so the linkage between the Hansen hearing and the drought became very intense.

Simultaneously [Mass. Gov. Michael] Dukakis was running for president. Dukakis was trying to get an edge on various things and was looking for spokespeople, and two or three of us became sort of the flacks out on the stump for Dukakis, making the separation between what Democratic policy and Republican policy ought to be. So it played into the presidential campaign in the summer of '88 as well.

Global warming in 2008 election

His meeting with Frederick Seitz

"I think it was really cheap politics, and I think it's going to turn out to, long term, be extraordinarily damaging to 6 billion people around the world."

Senator Time Wirth explains to PBS "Frontline" how they disabled the air conditioner for James Hansen's testimony <https://www.pbs.org/wgbh/pages/frontline/hotpolitics/interviews/wirth.html>

The Myth that Wind and Solar Reduce CO2 or Fossil Fuel Use

Vast quantities of [oil, natural gas, and coal](#) are required in the making, installation and maintenance of wind and solar farms – and far from providing ‘free’ energy as claimed (there being no direct fuel cost from the sun or wind), renewables are very expensive to integrate to the existing power grid – [costing 3 to 9 times the cost of conventional power](#)

Ontario's Electricity Dilemma – Achieving Low Emissions at Reasonable Electricity Rates

15

Why Will Emissions Double as We Add Wind and Solar Plants ?

- ❖ Wind and Solar require flexible backup generation.
- ❖ Nuclear is too inflexible to backup renewables without expensive engineering changes to the reactors.
- ❖ Flexible electric storage is too expensive at the moment.
- ❖ Consequently natural gas provides the backup for wind and solar in North America.
- ❖ When you add wind and solar you are actually forced to reduce nuclear generation to make room for more natural gas generation to provide flexible backup.
- ❖ Ontario currently produces electricity at less than 40 grams of CO₂ emissions/kWh.
- ❖ Wind and solar with natural gas backup produces electricity at about 200 grams of CO₂ emissions/kWh. Therefore adding wind and solar to Ontario's grid drives CO₂ emissions higher. From 2016 to 2032 as Ontario phases out nuclear capacity to make room for wind and solar, CO₂ emissions will double (2013 LTEP data).
- ❖ In Ontario, with limited economic hydro and expensive storage, it is mathematically impossible to achieve low CO₂ emissions at reasonable electricity prices without nuclear generation.



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Opinion | Energy | Renewables

29 Feb 2016 | 16:00 GMT

To Get Wind Power You Need Oil

Each wind turbine embodies a whole lot of petrochemicals and fossil-fuel energy

By Vaclav Smil



Wind turbines are the most visible symbols of the quest for renewable electricity generation. And yet, although they exploit the wind, which is as free and as green as energy can be, the machines themselves are pure embodiments of fossil fuels.

Large trucks bring steel and other raw materials to the site, earth-moving equipment beats a path to otherwise inaccessible high ground, large cranes erect the structures, and all these machines burn diesel fuel. So do the freight trains and cargo ships that convey the materials needed for the production of cement, steel, and plastics. For a 5-megawatt turbine, the steel alone averages [pdf] 150 metric tons for the reinforced concrete foundations, 250 metric tons for the rotor hubs and nacelles (which house the gearbox and generator), and 500 metric tons for the towers.



Climate Legacy of GEA - Pushed by Tar Sands Campaign ENGOS

With the current push for public policy to adopt 'green energy' schemes, it is time to reflect on the Ontario experience.

Ontario's disastrous electricity policy has been publicized and commented on extensively by many sources, so this is not news. What is news is to lay the blame squarely at the door of its climate policy motivation, and, perhaps, to remind people of high the bill has been – \$9 billion for poor contracting practices, \$133 billion in global adjustment fees from 2015 to 2032 (at least 20 per cent of which relates to renewables), \$3.6 billion to build the “smart grid and smart meters”, up to \$55 billion in deferred costs that will hit future ratepayers, and 75,000 lost industrial jobs. That is quite the tally for zero global environmental benefit.



Greenpeace – Only Alberta Oil Bothers Them

“To initiate three distinct but interrelated efforts concerning tar sands in Alberta to enhance the ability of Greenpeace Canada to more effectively launch and deliver its ‘Phase Out Tar Sands Campaign’; secondly to leverage the growing interest of ranchers and landowners in limiting unbridled oil and gas exploration and production in southern Alberta; and thirdly to conduct specialised opinion research and media work to identify messaging for these and other efforts that will generate maximum information value among Albertans.”

In the foregoing grant description in 2009 – Greenpeace received USD \$436,475 from the Oak Foundation of Switzerland to put this plan into effect.

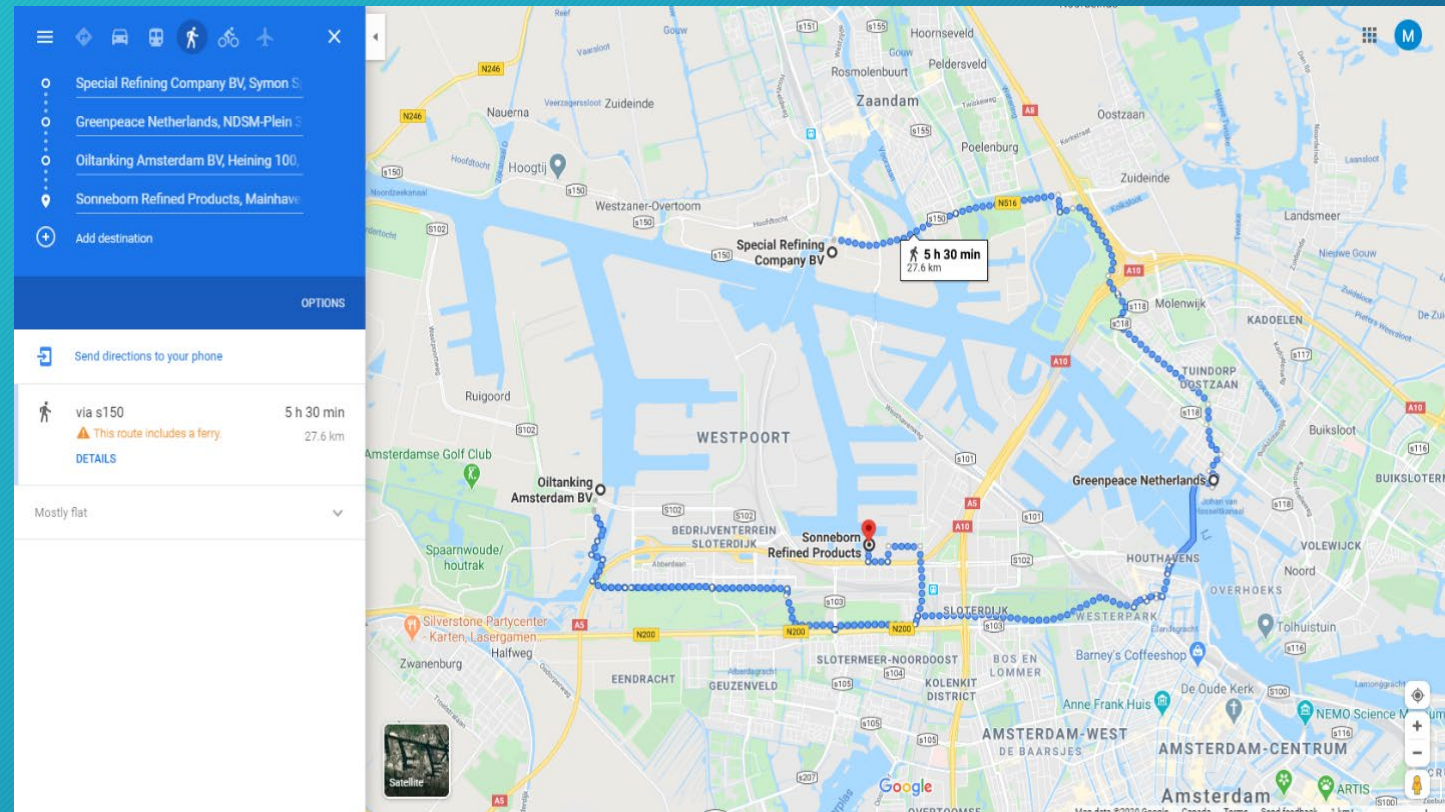
Foreign Funding to Greenpeace Manipulate Public + Parliamentary Opinion + Drive Off Investors

- . In 2010, Oak provided Greenpeace a further \$424,373 for the following.

“To create awareness of the financial, regulatory and political uncertainty that surrounds investments in the tar sands so that prominent financial analysts, media, opinion leaders and Members of Parliament will publically express concern about the lack of government regulation of the tar sands industry. Greenpeace Canada aims to publicise the controversy around the tar sands both within and outside Canada. This will encourage the withdrawal of major institutional investors from the tar sands by 2012; the end of France’s tar sands subsidies; and the passage of a feed-in-tariff in Alberta utilised by farmers, ranchers, landowners and investors to develop the province’s huge wind power potential.”

No Protests in Amsterdam by Greenpeace HQ

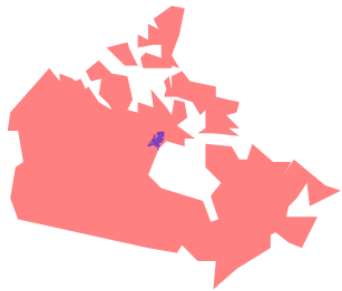
Just 59 kilometers (37 miles) from Greenpeace offices in Amsterdam, massive refinery operations have been set up at Rotterdam, right on the seaside, but Greenpeace seems noticeably quiet about that.



Greenpeace - No Protests on Seaside Refineries?

MapFight

Canada Netherlands 5 %
[Canada](#) (9,984,670 km²) is **267** times as big as
[Netherlands](#) (37,354 km²).



Just 59 kilometers (37 miles) from Greenpeace offices in Amsterdam, massive refinery operations have been set up at Rotterdam, right on the seaside, but Greenpeace seems noticeably quiet about that.

Google

← Rating Hours Visit history

BP Refinery Rotterdam B.V. 4.1 ★★★★★ (9) - Oil refinery Europoort Rotterdam, Netherla... Closed - Opens 7 a.m. Tue. +31 181 259 000	WEBSITE	DIRECTIONS
Esso Netherlands B.V. 4.0 ★★★★★ (3) - Oil refinery Botek Rotterdam, Netherlands +31 10 493 5911	WEBSITE	DIRECTIONS
Exxonmobil Chemical Holland 3.3 ★★★★★ (7) - Oil refinery Botek Rotterdam, Netherlands +31 10 493 5911	WEBSITE	DIRECTIONS
Snijders Olie B.V. No reviews - Oil refinery Rotterdam, Netherlands +31 6 35259145	WEBSITE	DIRECTIONS
Gunvor Petroleum Rotterdam B.V. 2.7 ★★★★★ (10) - Oil refinery Europoort Rotterdam, Netherla... Open 24 hours +31 181 251 911	WEBSITE	DIRECTIONS
VPR Energy BV		

West Coast Environmental Law - Bill C48 Tanker Ban

“To constrain development of the Alberta tar sands through a legislative ban on crude oil tankers on British Columbia’s north coast. This would necessitate the cancellation of the Enbridge Northern Gateway pipeline to transport tar sands oil and bitumen to Asian markets...”

“WCEL aims to establish the conditions under which a) opposition parties holding a parliamentary majority work together to enact a legislative tanker ban under a minority government and/or incorporate a ban promise in their manifestos, committing them to act following an election that produces a majority government, and b) First Nations declare their own bans on transportation of tar sands crude oil through their territories and waters.”

A rather small 2010 grant of USD \$97,131 from the Oak Foundation to West Coast Environment Law, achieved its objective of the cancellation of the Northern Gateway pipeline.

Demanding a “Green” Budget



Contrary to the claims of Environmental Defence, these are not ‘citizen’ protests or policy demands. These groups are highly coordinated. Here these ENGOs are making green budget demands of for the federal budget. Citizen campaigns do not do that.

How did this powerhouse develop in Canada?

<https://greenbudget.ca/wp-content/uploads/sites/4/2020/06/Green-Budget-Coalition%E2%80%99s-Preliminary-Recommendations-for-Recovery-Budget-Actions-in-2020-21-2020-June-28.pdf>

Not a Citizen's Protest

- In 2010, TIDES Canada Foundation was granted \$50,000 by Oak Foundation for the purpose of creating a \$30 million domestic Canadian fund to “develop a five-year strategic plan to begin to convince Canada to accept the long-term goal of dramatically lowering the countries GHG emissions...lessening the country's dependence on fossil fuels...” The objective was to develop a plan to establish a \$30 million fund similar to the Energy Foundation (a forerunner of ClimateWorks with a similar mission and pooled resources from various philanthropists and wealthy donors). This is to fund a large campaign and numerous ENGOs to change Canada's climate and energy policies to suit the vested interests of outside parties. This is not about a citizens' protest, as Environmental Defence claims

The screenshot shows the Oak Foundation website with a table of grants. The first row is highlighted with a red box. The table contains the following information:

Organization	Amount	Country	Topic	Year	Duration
Tides Canada Foundation	\$50,000	Canada	Environment	2010	12 months (1 Nov 2010-30 Oct 2011)
Tides Canada Foundation	\$208,181	Canada	Environment	2005	24 months (1 Sep 2005-31 Aug 2007)

Your Tax Dollars Putting You Out of Work

Cleverly, most of these groups were set up as federally registered charities. This meant that while foreign funding supported that initial set-up and groundwork, going forward, these charities could be funded by the very taxpaying public they were putting out of work. Environmental Defence is a case in point. In [Table 2 on the right](#), we see the foreign funding. Below, we see that by 2018, almost 30% of their revenues were from federal, provincial, and municipal governments. That is in addition to them already being a tax-subsidized charity.

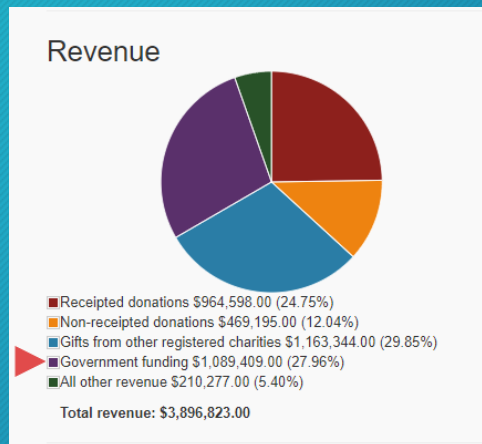


TABLE 2

Recipient	Source	Total (\$)
Canadian Environmental Defence Fund	Charles Stuart Mott Foundation	1,607,825
	Friends of the Greenbelt	3,585,000
	Metcalfe Foundation	462,300
	Joyce Foundation	9,418,308
	Tides Foundation (U.S.)	1,326,389
	Gordon Foundation	398,407
Sierra Club Canada	Charles Stewart Mott Foundation	615,400
	Friends of the Greenbelt	408,500
	Tides Foundation (U.S.)	249,102
	Gordon Foundation	702,822
	Wilburforce Foundation	290,000
	Hewlett Foundation	1,325,000
Sierra Club (B.C.)	Bullitt Foundation	180,000
	Packard Foundation	2,706,000
	Moore Foundation	2,025,000
	Rockefellers Bros Fund	305,000
	Tides Foundation (U.S.)	191,882
	Wilburforce Foundation	2,748,437
	Hewlett Foundation	2,280,000
Ecojustice	Bullitt Foundation	1,911,400
	Charles Stewart Mott Foundation	2,679,000
	Packard Foundation	464,486
	Friends of the Greenbelt	421,000
	Private Giving Foundation	1,552,580
	Tides Foundation (U.S.)	545,380
	Hewlett Foundation	825,000

Stop Spreading or Believing Dirty Lies about the Alberta Oil Sands



According to HIS Markit, the average emissions intensity of oil sands extraction has fallen 21 per cent since 2009. Oil sands life-cycle emissions are nearing North American average values. Further, by 2030, new technologies and efficiencies deployed in the oil sands could result in a reduction of up to 27 per cent in the GHG intensity of steam-assisted gravity drainage operations and up to 20 per cent for oil sands mining operations.

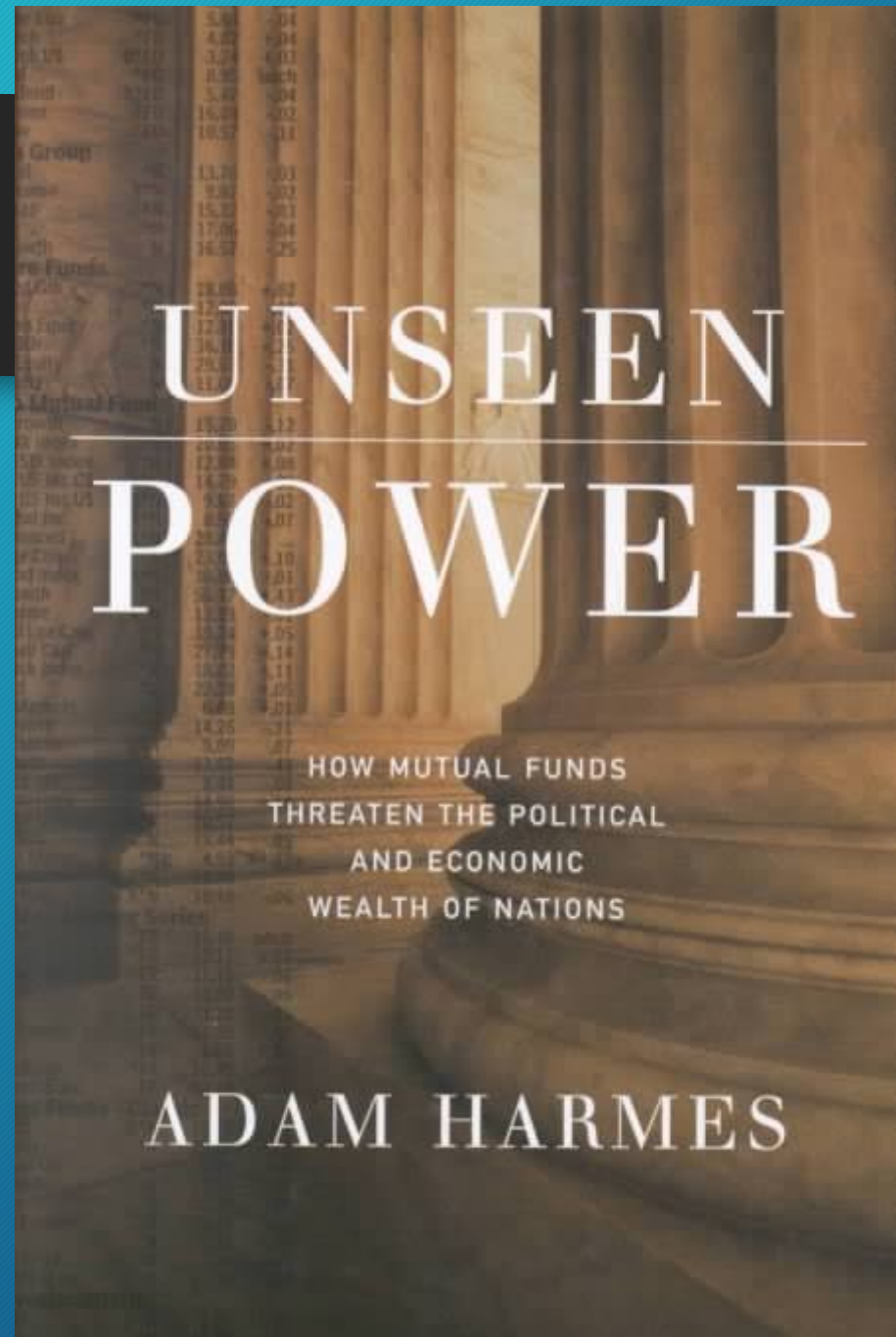
To place this in national and global contexts, in 2018 the oil sands contributed about 11.5% of Canada's GHG emissions and about 0.1% of global emissions. The oil sands annual emissions of about 84 million tonnes of carbon dioxide equivalent in 2018 are less than half of China's annual increase in emissions of 192 million tonnes over the period 2009 to 2019.

Or put more simply, in 2018 the total GHG emissions from the oil sands were 84 million tonnes of carbon dioxide equivalent. That is one ninth of Canada's emissions. Every year, China's emissions grow more than twice that amount.

<https://blog.friendsofscience.org/2021/02/12/dirty-lies-about-oil-sands-crude-clearing-the-air-on-carbon-intensity/>

Unseen Power

- While the UNPRI directs its signatory institutional investors to invest in wind and solar and all other forms of ‘renewable’ or ‘clean-tech’, there are dozens of independent private funds. Private funds cannot be signatory to the UNPRI. So, they can have a field day buying up divested energy shares. Being ‘green’ to all appearances is a [handy shield for other commercial activities](#) undertaken by various at-arms-length private funds.
- Likewise, today’s hedge funds and mutual funds, as noted by Adam Harmes in his book “[Unseen Power](#)”, are large enough and powerful enough that they can [destroy national economies](#) if they so choose.



Trade War

- Based on the foregoing, it is clear that the pre-COVID [#ShutDownCanada](#) blockades were far removed from ordinary citizen protests. The country came to a standstill. That is not a citizen's protest. That is a trade war.

News / Economy

Canada stalled as blockades shut down rail networks and the movement of goods and people

More than 150 freight trains have been idled since the blockades and passenger services have been cut back in Ontario, Quebec and B.C.

Julia Mastroianni & Tyler Dawson

Feb 11, 2020 • Last Updated 6 months ago • 4 minute read



Diverse Parties have Taken Over the Tar Sands Campaign to Exploit Naïve Canadians

- Unfortunately, many different forces have opportunistically taken over the Tar Sands Campaign and its actors and have further exploited Canada's energy illiteracy, geopolitical naivety, and unwillingness to defend itself. Citizens continue to confuse these attacks as if 'protests' – as presented by Environmental Defence. We have shown evidence from statement of participants that this is a trade war against Canada, by diverse parties for often unexpected reasons. It is 'all dressed up in green' and sheltered from criticism by hiding under the umbrella of 'climate change', planet-saving and being #ForTheChildren.
- It should be reiterated that this rebuttal is not an attempt to limit the freedom of speech of anyone, whether environmental groups or citizens. Readers should know that Friends of Science Society stands FOR open, civil debate, freedom of speech, the right of free assembly and the right to legally protest.

Tar Sands Campaign ENGOs are NOT Saving the Planet or Stopping Climate Change

Explore Issues Archives News Galleries

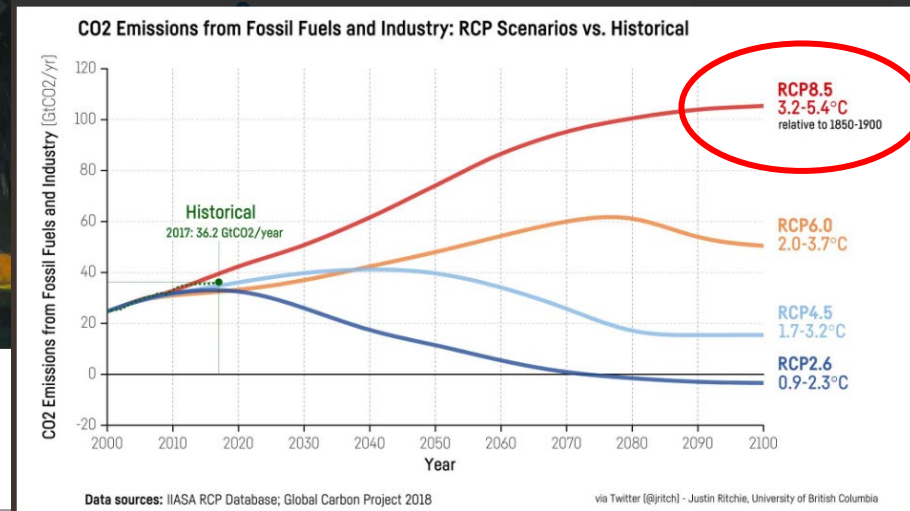
ISSUES
IN SCIENCE AND TECHNOLOGY

VOL. XXXVII, NO. 4, SUMMER 2021

How Climate Scenarios Lost Touch With Reality

BY ROGER PIELKE JR., JUSTIN RITCHIE

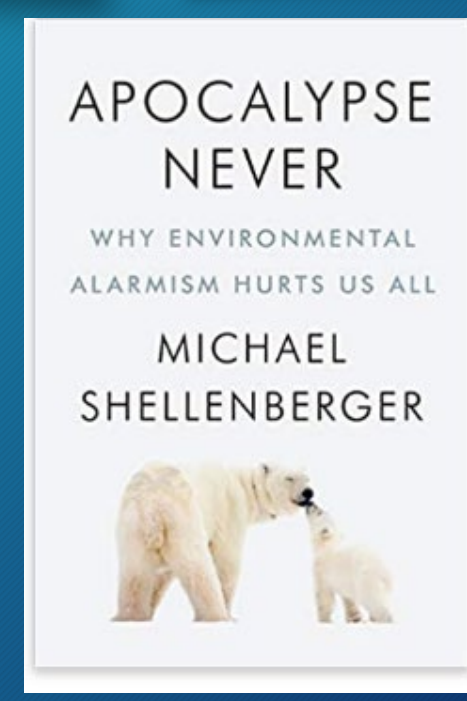
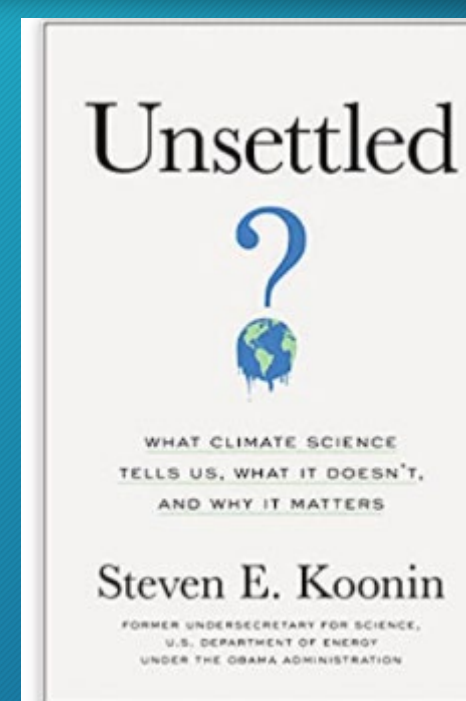
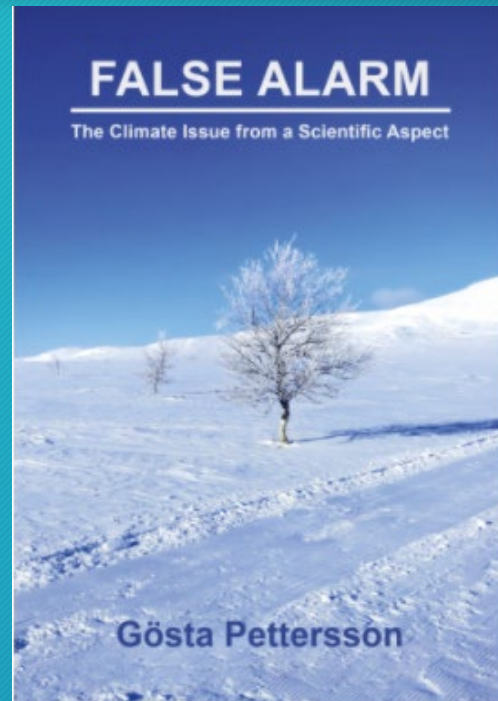
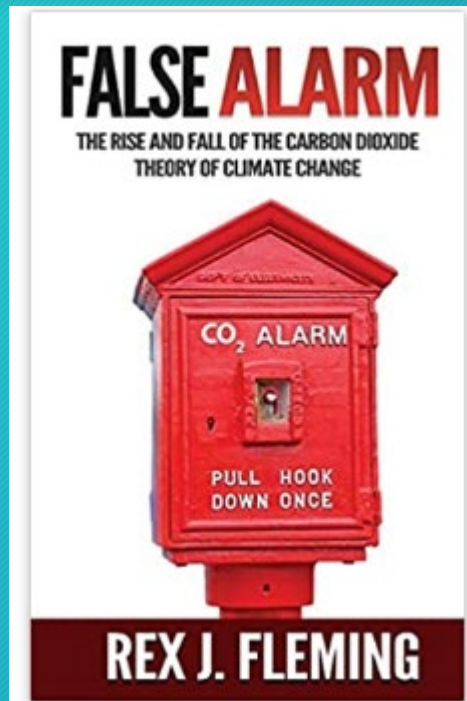
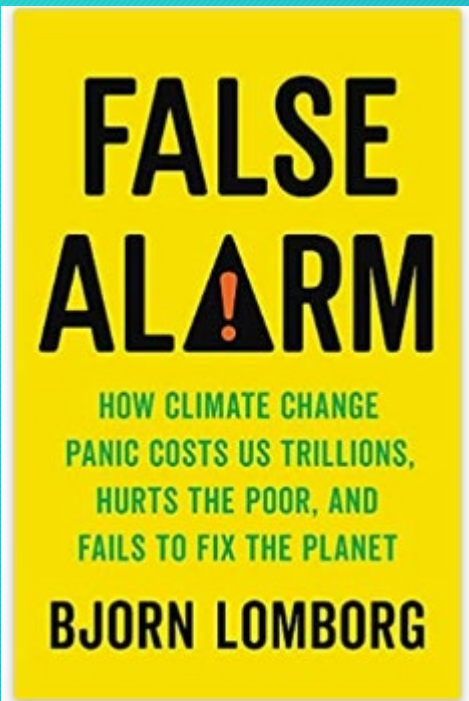
NATIONAL ACADEMIES OF SCIENCES,
ENGINEERING, AND MEDICINE
ARIZONA STATE UNIVERSITY



RCP 8.5 is implausible, but is cited as 'business as usual. It is not.

<https://issues.org/climate-change-scenarios-lost-touch-reality-pielke-ritchie/>

Climate “crisis” is all a False Alarm



The 2 degree C Target is a Delusion

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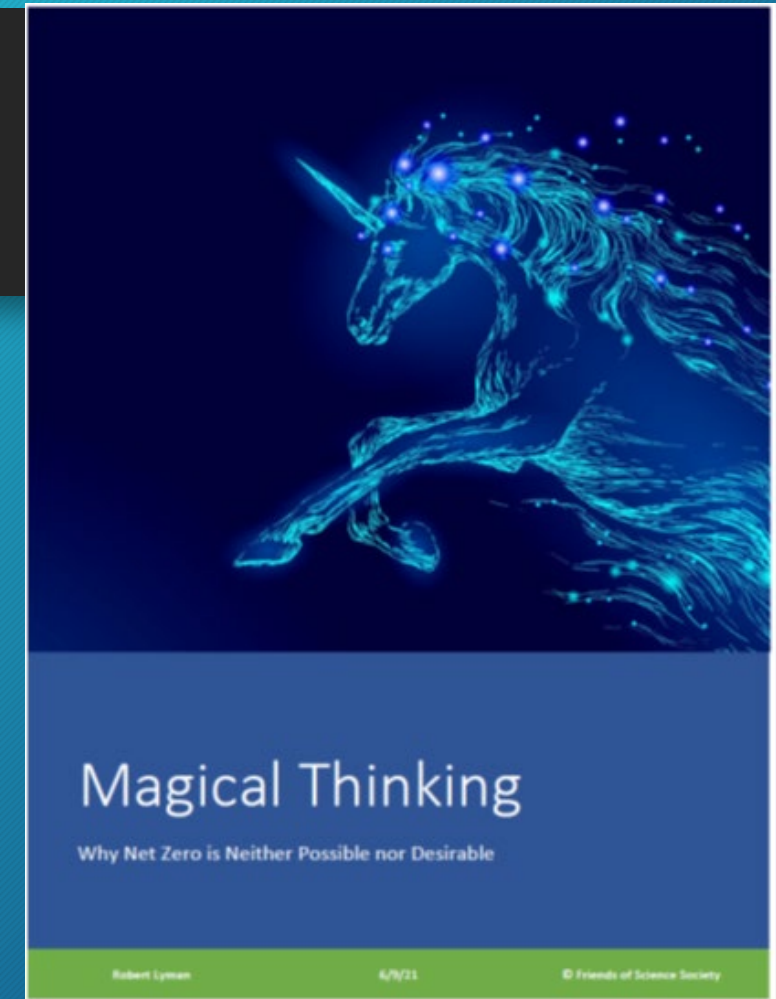
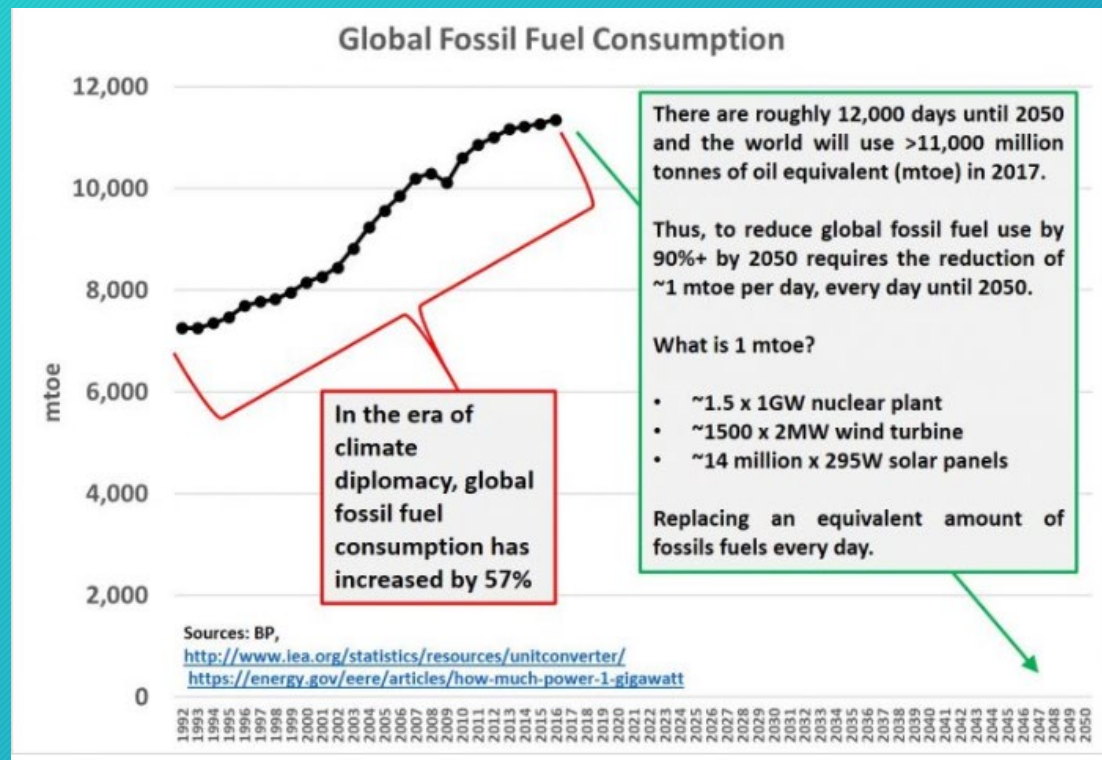
Book Reviews ▾

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AN ARBITRARY TARGET

My uncle, the Yale University economist William Nordhaus, is widely credited with being the first person to [propose](#) that climate policy should strive to limit anthropogenic global warming to two degrees above preindustrial temperatures. He didn't arrive at that conclusion through any sort of elaborate climate modeling or cost-benefit analysis. Rather, he considered the very limited evidence of long-term climate variance available at that time and concluded that a two-degree increase would take global temperatures outside the range experienced by human societies for the previous several thousand years and probably much longer. The standard was, by his own admission, arbitrary.

NetZero by 2050 is Magical Thinking



<https://blog.friendsofscience.org/2021/06/09/magical-thinking-why-net-zero-is-neither-possible-nor-desirable/>

IPCC SREX -Extreme Weather not driven by CO2 or AGW - IPCC SR1.5 We DO Have Time



AP

AP FACT CHECK: O'Rourke on climate, Trump on 'no collusion'

from the work of hundreds of scientists, uses 2030 as a prominent benchmark because signatories to the Paris agreement have pledged emission cuts by then. But it's not a last chance, hard deadline for action, as it has been interpreted in some quarters.

“Glad to clear this up,” James Skea, co-chairman of the report and professor of sustainable energy at Imperial College London, told The Associated Press. The panel “did not say we have 12 years left to save the world.”

He added: “The hotter it gets, the worse it gets, but there is no cliff edge.”

“This has been a persistent source of confusion,” agreed Kristie L. Ebi, director of the Center for Health and the Global Environment at the University of Washington in Seattle. “The report never said we only have 12 years left.”

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Climate Policy = Futile Folly

Canadian GHG emissions constitute a tiny part of global GHG emissions

In 2019, Canada carbon dioxide (CO₂) emissions were 556 megatonnes (Mt) which is equal to 1.6 per cent of global emissions.

China's CO₂ emissions in 2019 were 9,826 Mt (according to British Petroleum data). In other words, China emits in one month (819 Mt/month) about what Canada emits in one and a half years. The average growth in emissions in China over the past decade is 212 Mt per year. Thus, Canada's annual CO₂ emissions represent only 2.6 times China's emissions *growth*. **If someone could instantaneously wipe Canada off the map, so that it produced zero emissions forever after, this would have a modest-to-negligible effect on global carbon dioxide concentrations in the atmosphere in 2100, and it would make no difference whatsoever as to whether the IPCC emissions reduction targets (i.e. 1.5 degrees or 2 degrees C.) were met.**

Let that sink in.



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Futile Folly

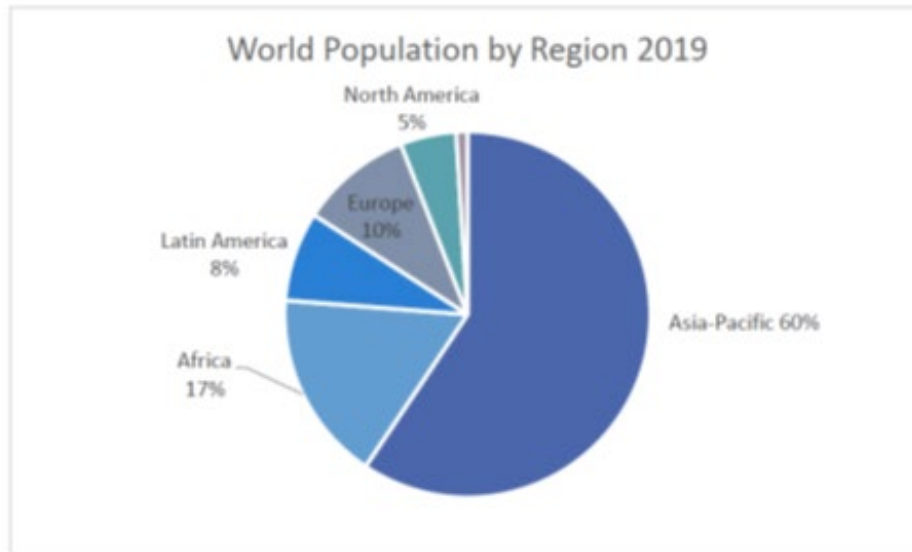
Canada's Climate Policy Goals in the Global Context

"...extraordinarily expensive and dangerous political grandstanding Canadians deserve better."

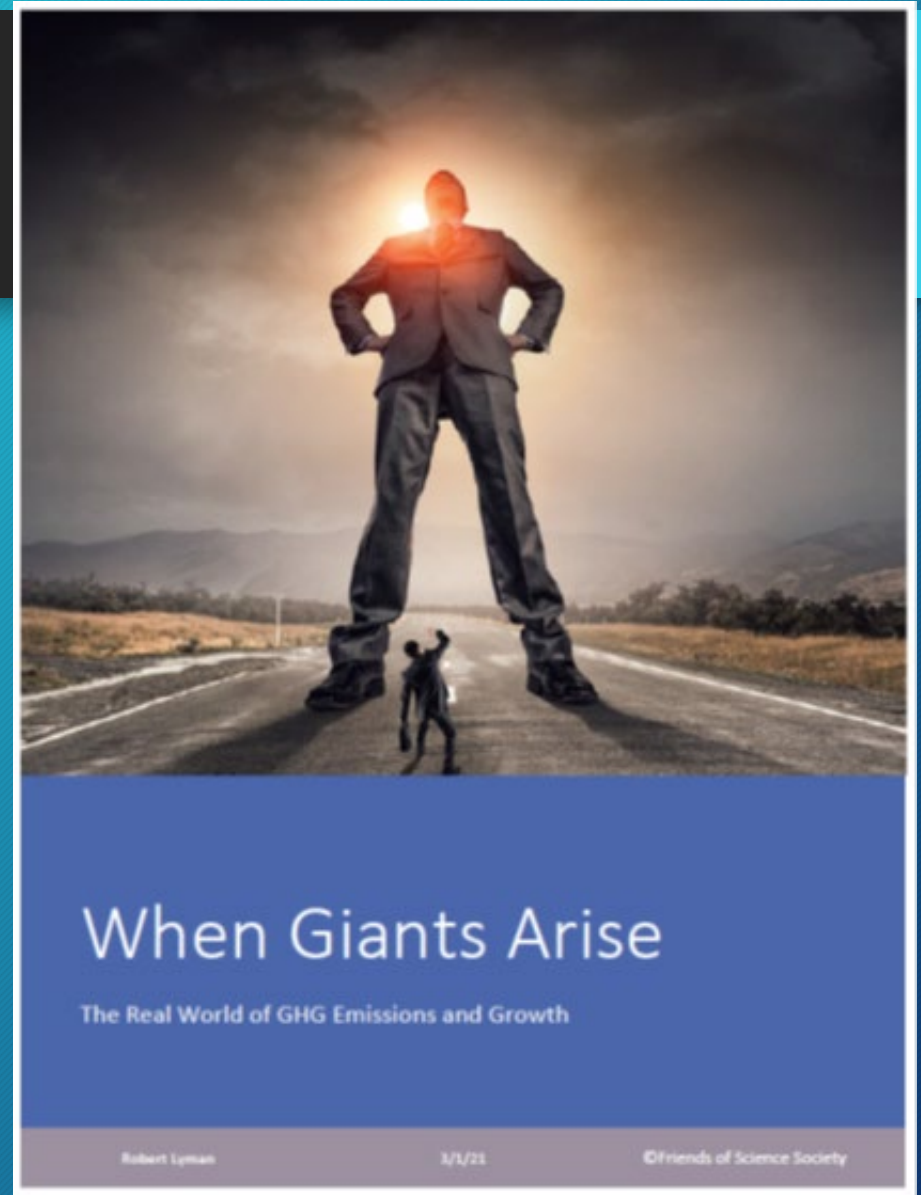
Robert Lyman 5/4/19 Friends of Science Society

<https://blog.friendsofscience.org/wp-content/uploads/2020/08/Futile-Folly-aug-2020-Reissued-FINAL.pdf> China emits in one month (819 Mt/month) about what Canada emits in one and a half years.

When Giants Arise



Many people, especially in Europe and North America, may not be aware that their combined populations are only 15% of the world's total, that the population of Africa exceeds that combined total and that the population of Asia is four times that large.



<https://blog.friendsofscience.org/2021/03/01/when-giants-arise-the-real-world-of-ghg-emissions-and-growth/>

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- Friends of Science Society is an independent group of earth, atmospheric and solar scientists, engineers, and citizens that is celebrating its 19th year of offering climate science insights. After a thorough review of a broad spectrum of literature on climate change, Friends of Science Society has concluded that the sun is the main driver of climate change, not carbon dioxide (CO₂).
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