

*Our world is sick, really sick...*

# How Government Deficits, Household Incomes and Climate Change are Interconnected

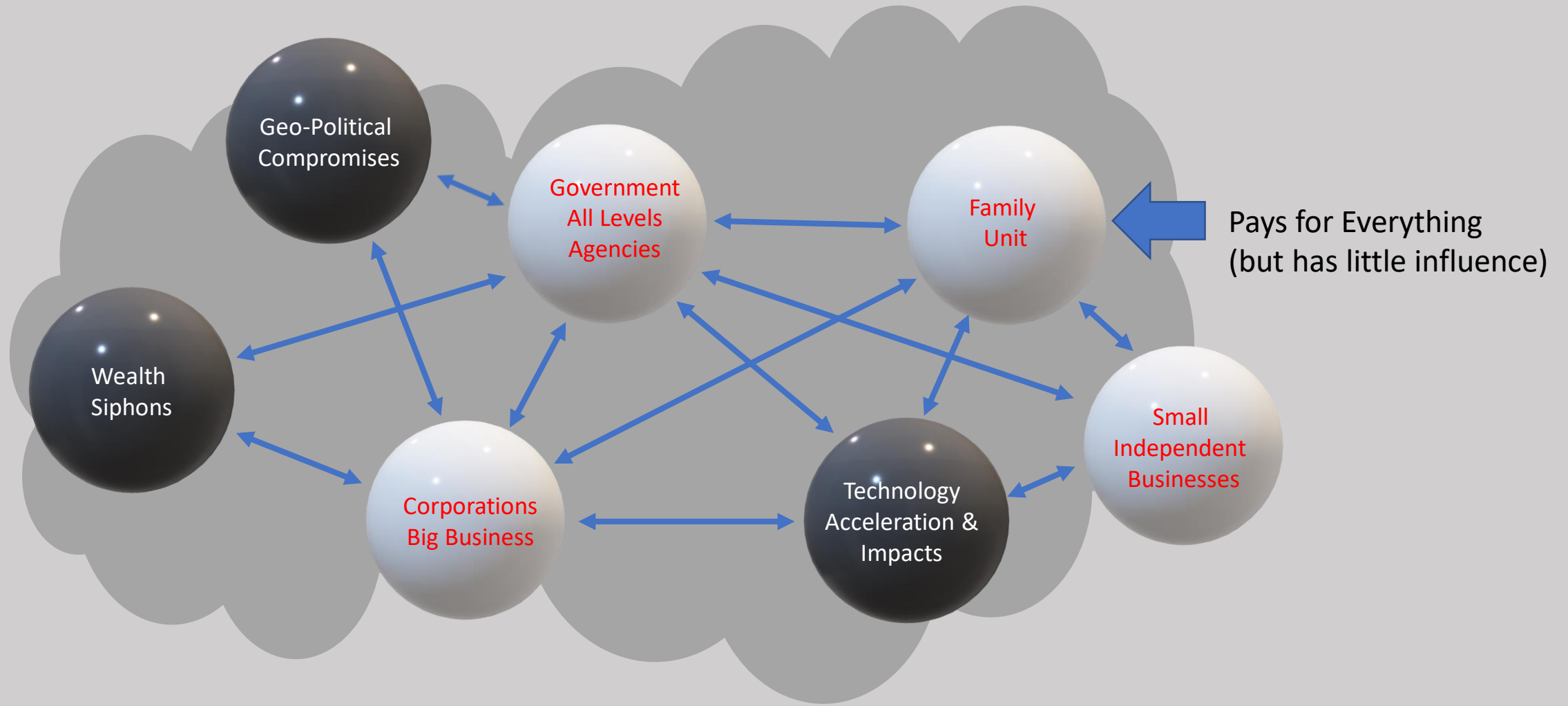
*...with two cancers, both having progressed for decades, lots of side effects and if not treated soon will metastasize.*


Let's get into it, two cancers ...

... and a neurological disorder.

Metaphors for ominous global forces.

# Economic Stakeholders and Global Forces.





Geo-Political  
Compromise



Wealth  
Siphons

### What is it?

- It is concessions materially below domestic standards embedded in foreign trade agreements that unfairly adjust cost competitiveness in favor of corporations across two or more sovereign countries. Power transfers to corporations from government.
  - Foreign worker programs. Inappropriate use of child labour.
  - Environmental regulations and practices on air, water and soil.
  - Human and worker rights legislation and practices including OH&S.
  - Dangerous working conditions.
  - It is the lack of enforcement commitment when regulations are in place. i.e. China has many regulations but enforces few if any of them, as they are there for WTO optics.

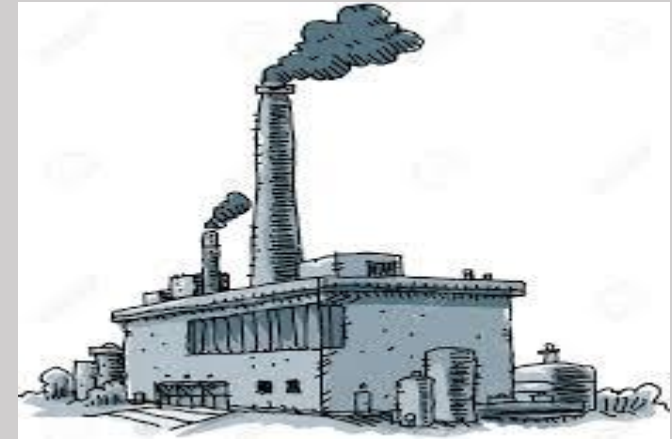
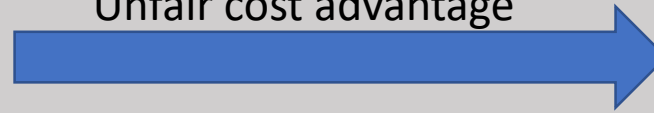
### What is it?

- It is corporate practices that draw wealth out of a corporation for the benefit of a small group of people who put greed above performance.
  - Share buybacks to inflate share prices.
  - Ultra high executive compensation disproportionate to the organization.
  - Accumulation of unprecedented wealth transferred from a corporation to individuals.

# Freedom with NO Responsibility



Unfair cost advantage



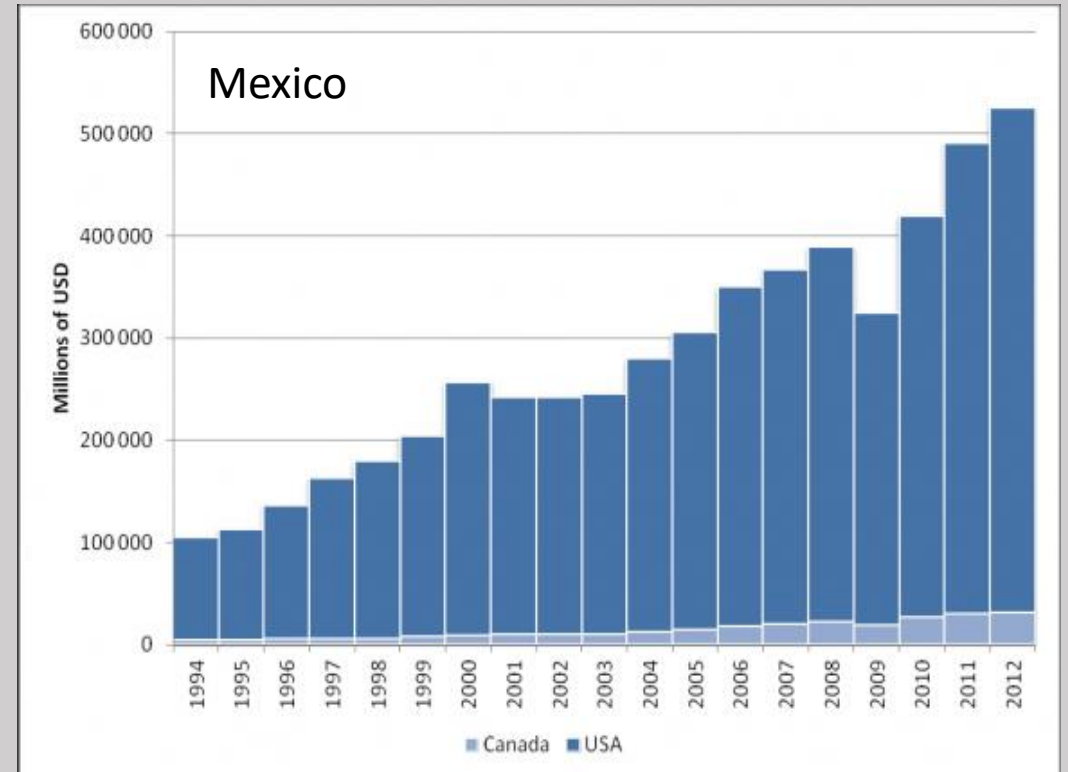
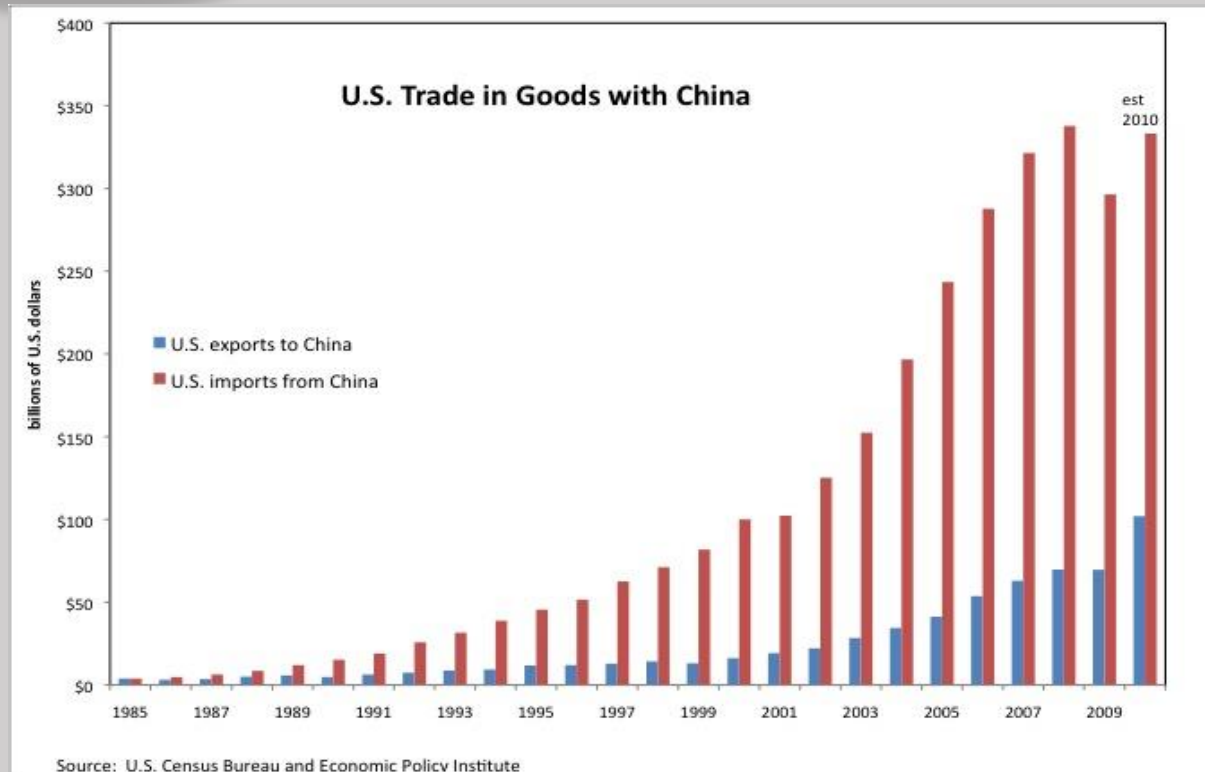
- Worker rights protected
- Union option kept a balance of power
- Utilities more expensive
- Wages negotiated within strong labour laws
- Powerful environmental regulations
- Regulatory environment drove technology adoption

- Cheap power provided via dirty coal with no scrubbers
- Freedom to dump into waterways with no consequences
- Using local people with far fewer rights than back at home
- Dangerous working conditions
- No respect for local workers, decrepit housing, no benefits
- No emissions control on VOCs, Carcinogens
- Product safety issues: lead paints
- No social risk of being sued, cost of negligence low
- All transportation logistics polluting
- No social support systems



The US trade deficit exploded once trade opened up. A significant part of these imports represents **Geo-Political Compromise**. 2018 imports from China are just under \$600 billion.

Is the Mexico experience any different? NAFTA was brought into effect in the early 1990s. Since then it has grown by a factor of almost 6x.

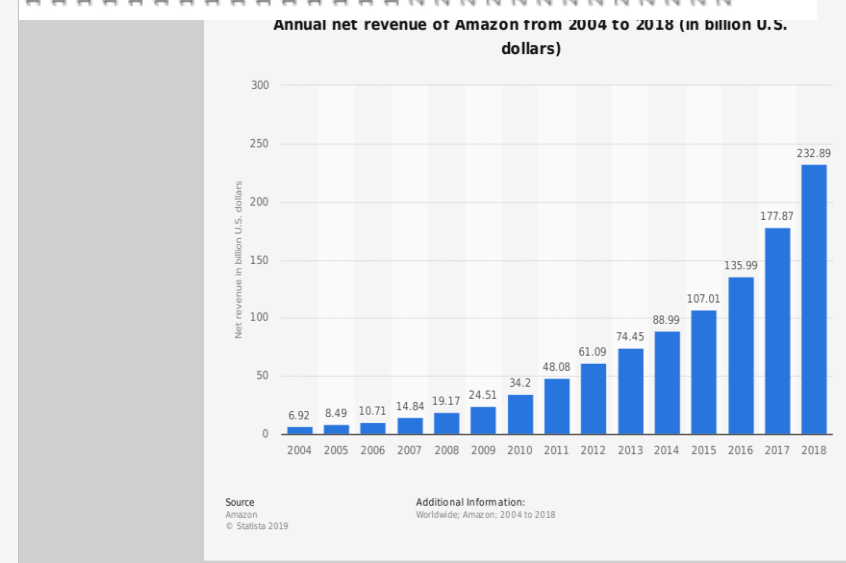
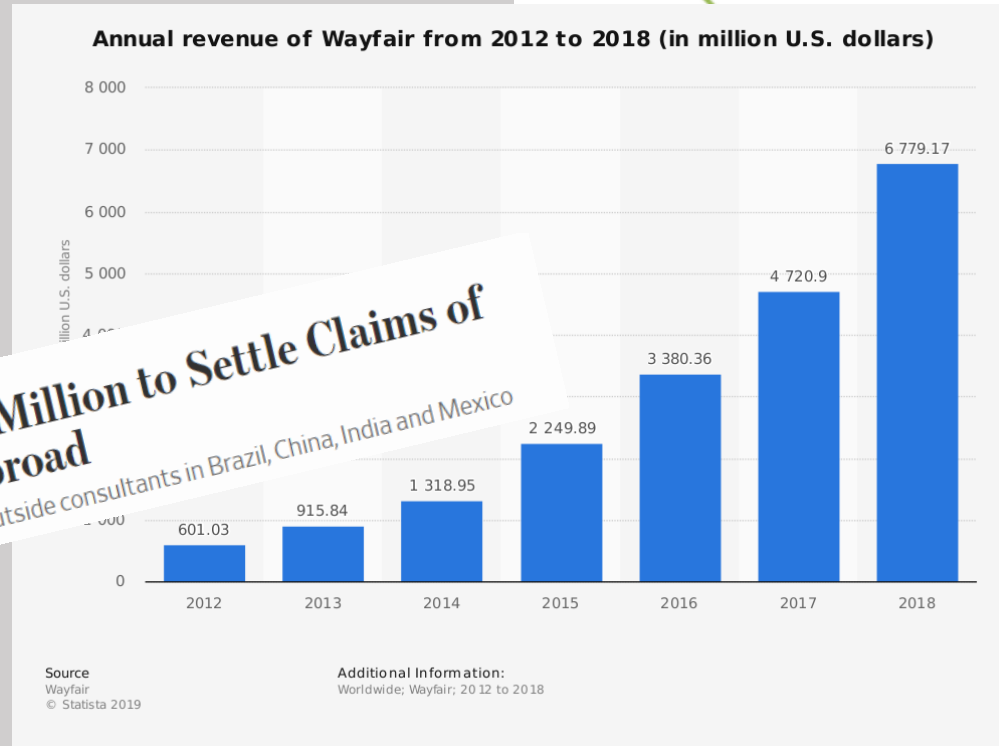
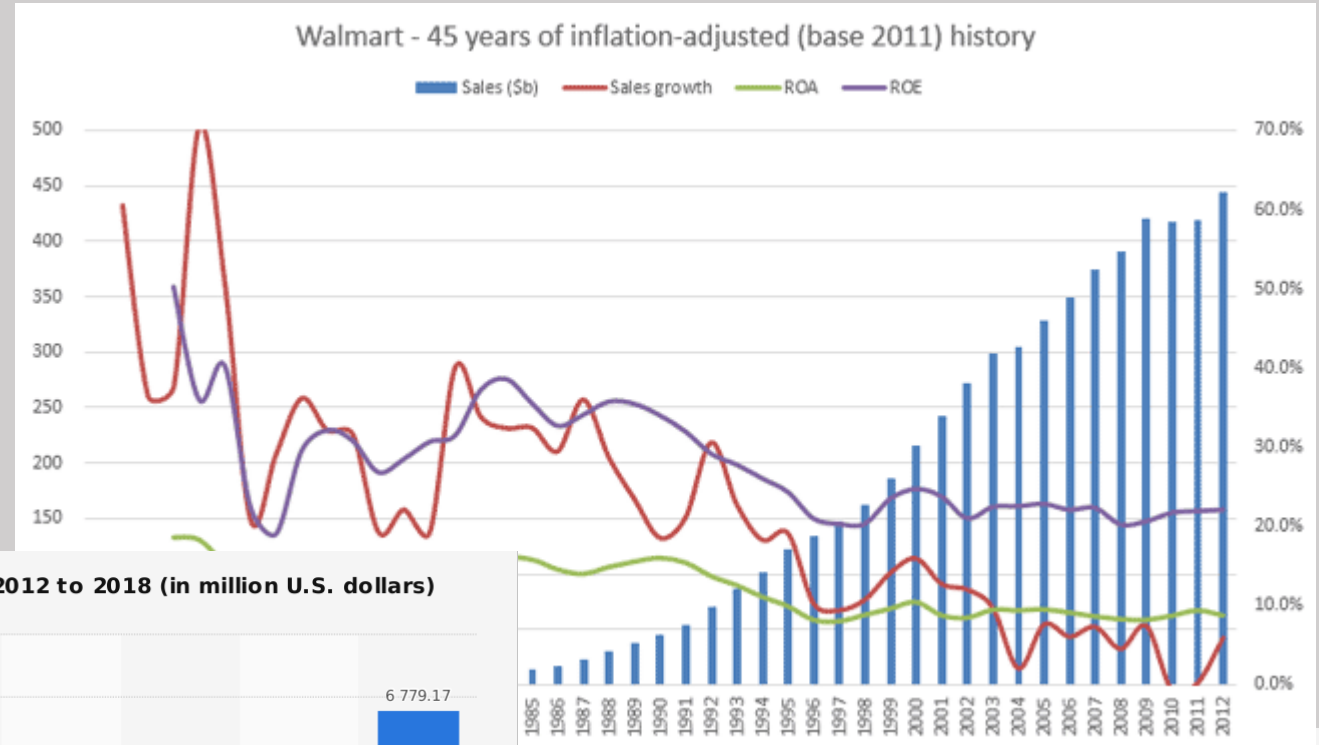




Corporations  
Big Business

## Walmart, Wayfair and Amazon

Massive Job Pipelines



**Walmart to Pay \$282 Million to Settle Claims of Corrupt Payments Abroad**  
 Claims were related to payments to outside consultants in Brazil, China, India and Mexico



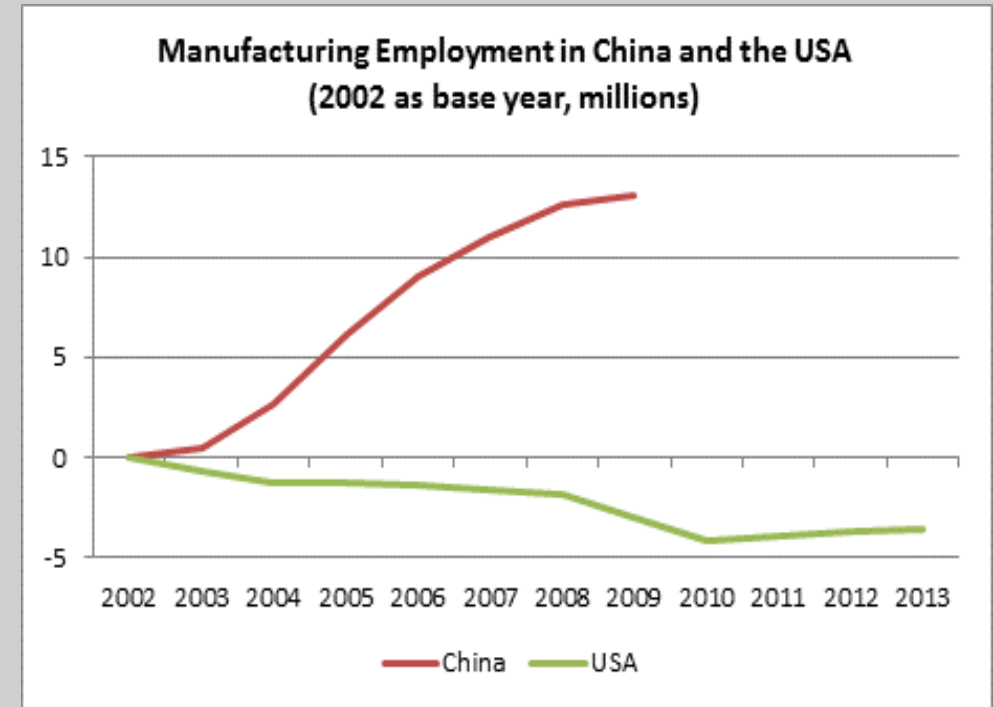
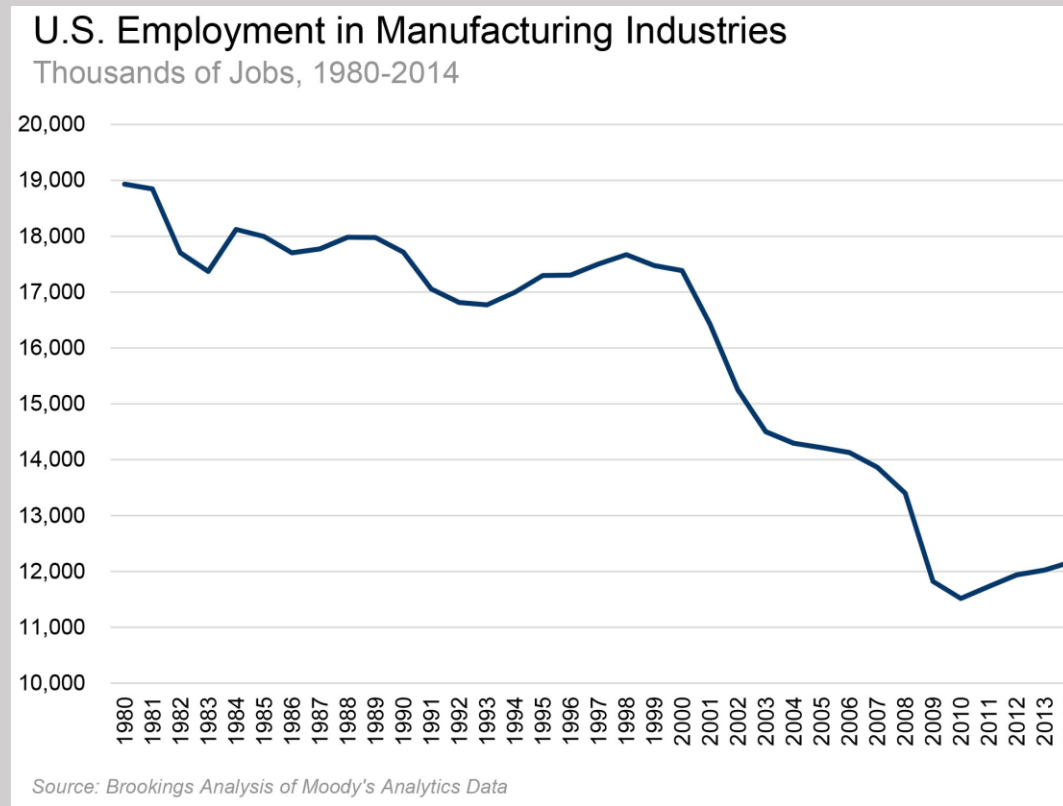
Companies with few constraints entered China and used it.  
While back home companies could not compete.





How many manufacturing jobs disappeared?

How many others disappeared along with them?



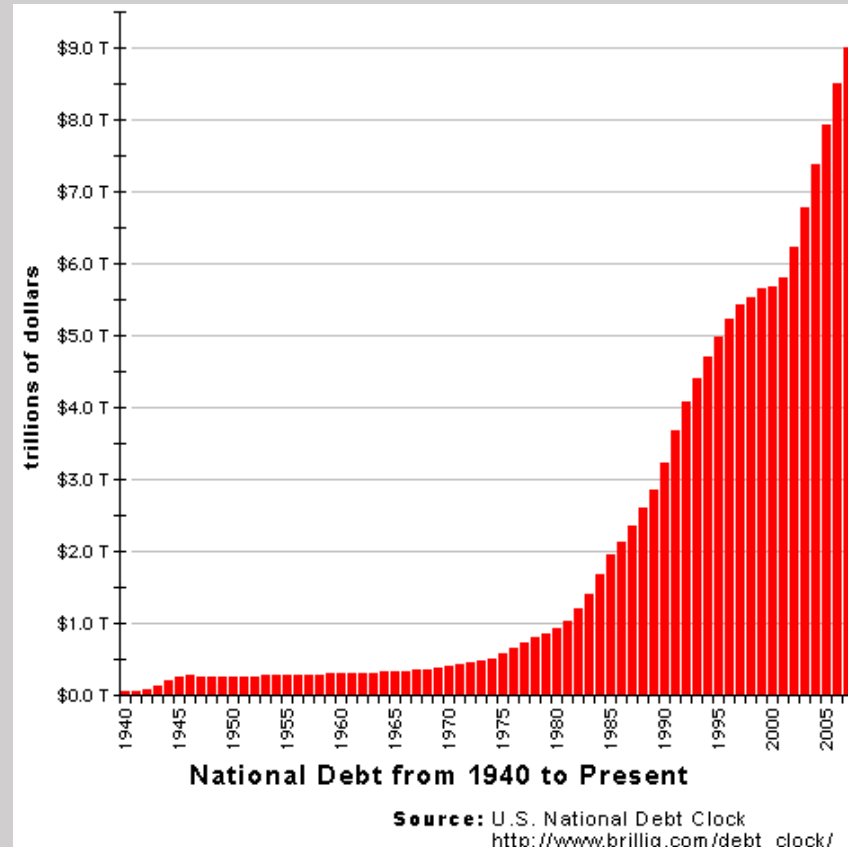
If trade with China grew that much and it drained so many jobs and money out of the US economy, where did it go? It went through here.





At end of 2018 US Federal Debt was \$21.8 Trillion.

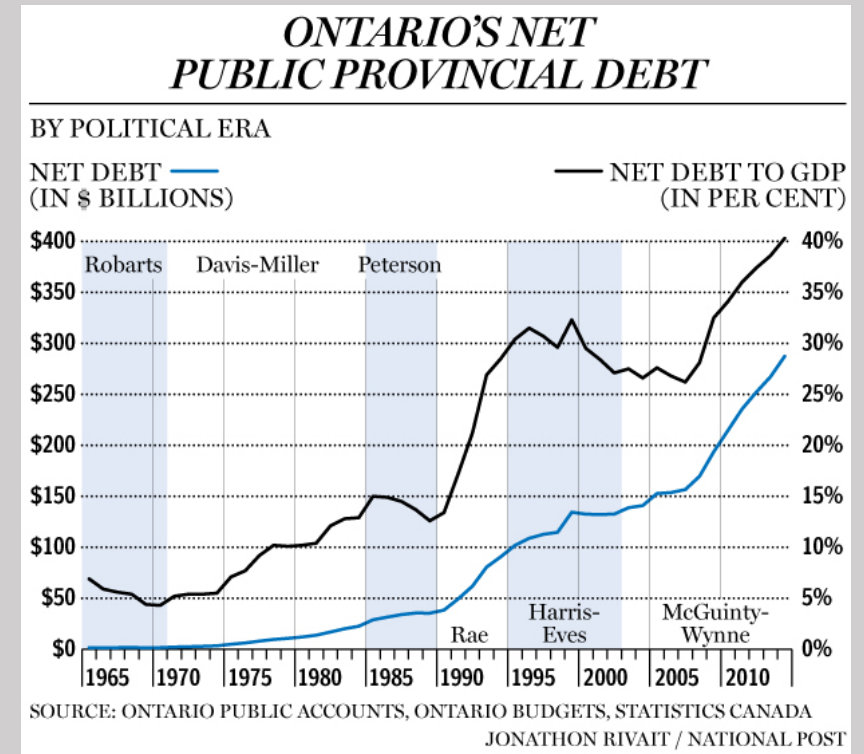
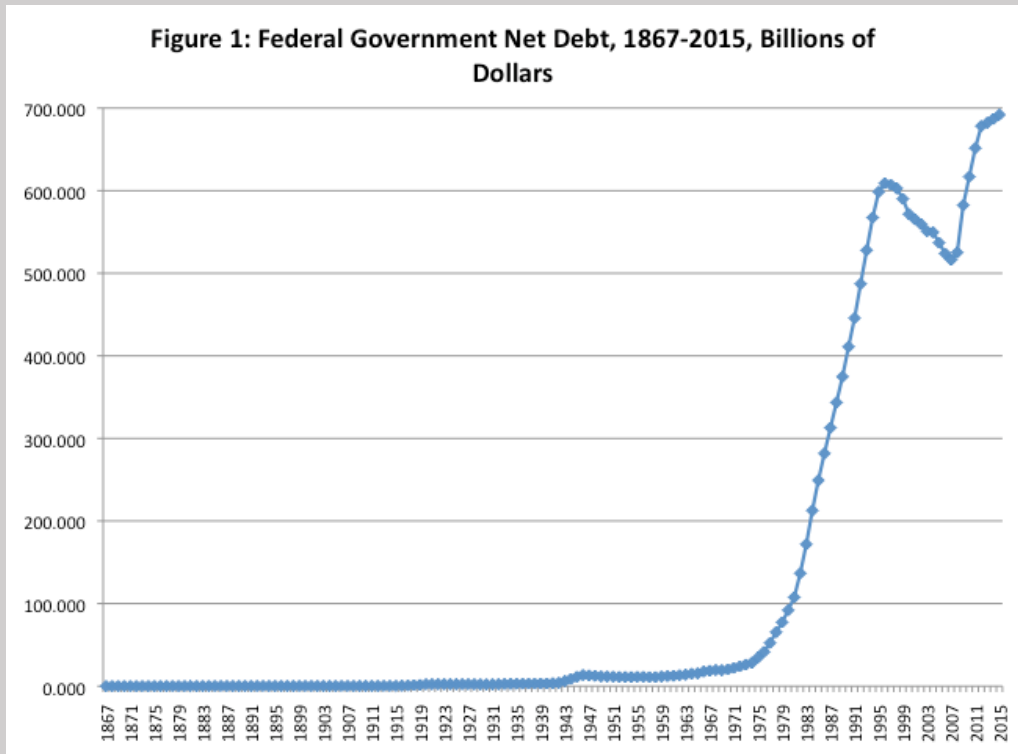
Why? The revenue side of Government was weakening as jobs left and wages fell.





Canadian  
Governments

The Canadian government has not fared well either. Below are Canadian Federal Debt and the largest province, Ontario Debt. Both have acceleration curves that are not sustainable.



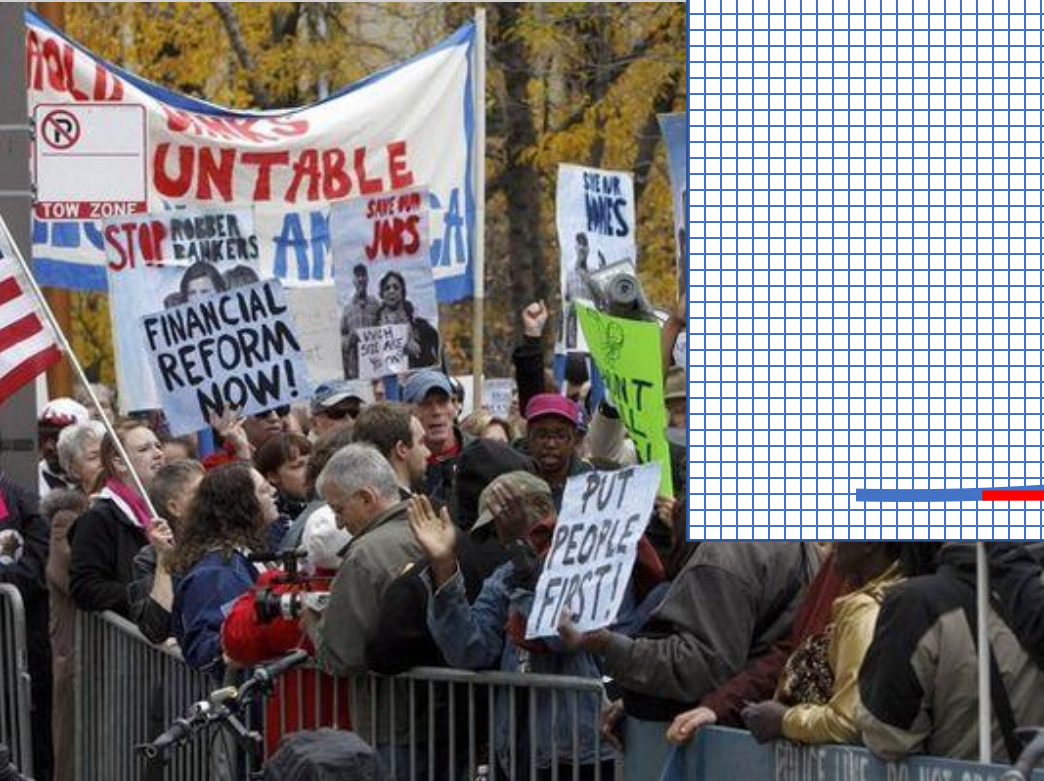
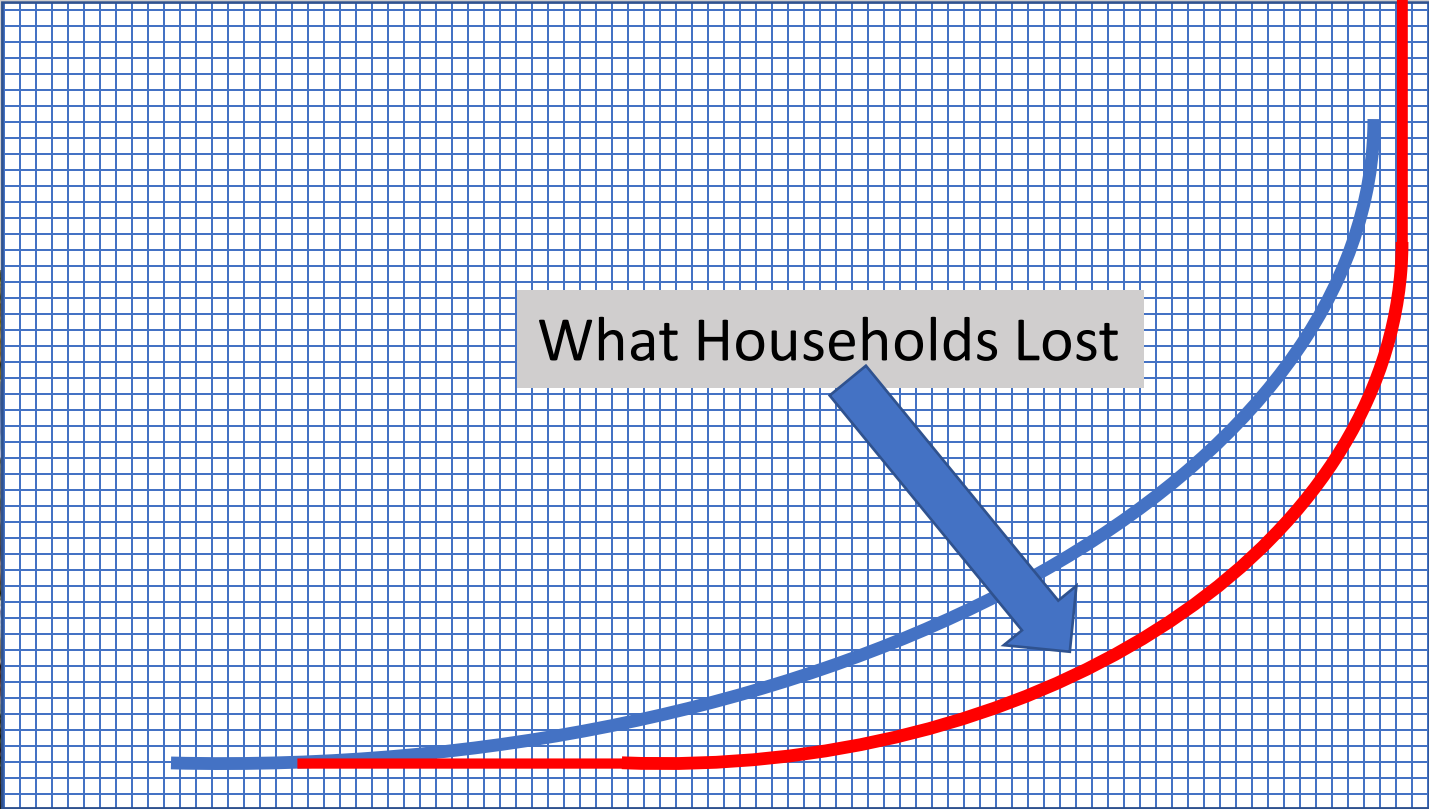
So we let companies import almost anything from outside.

We didn't apply any controls on them .... at all.

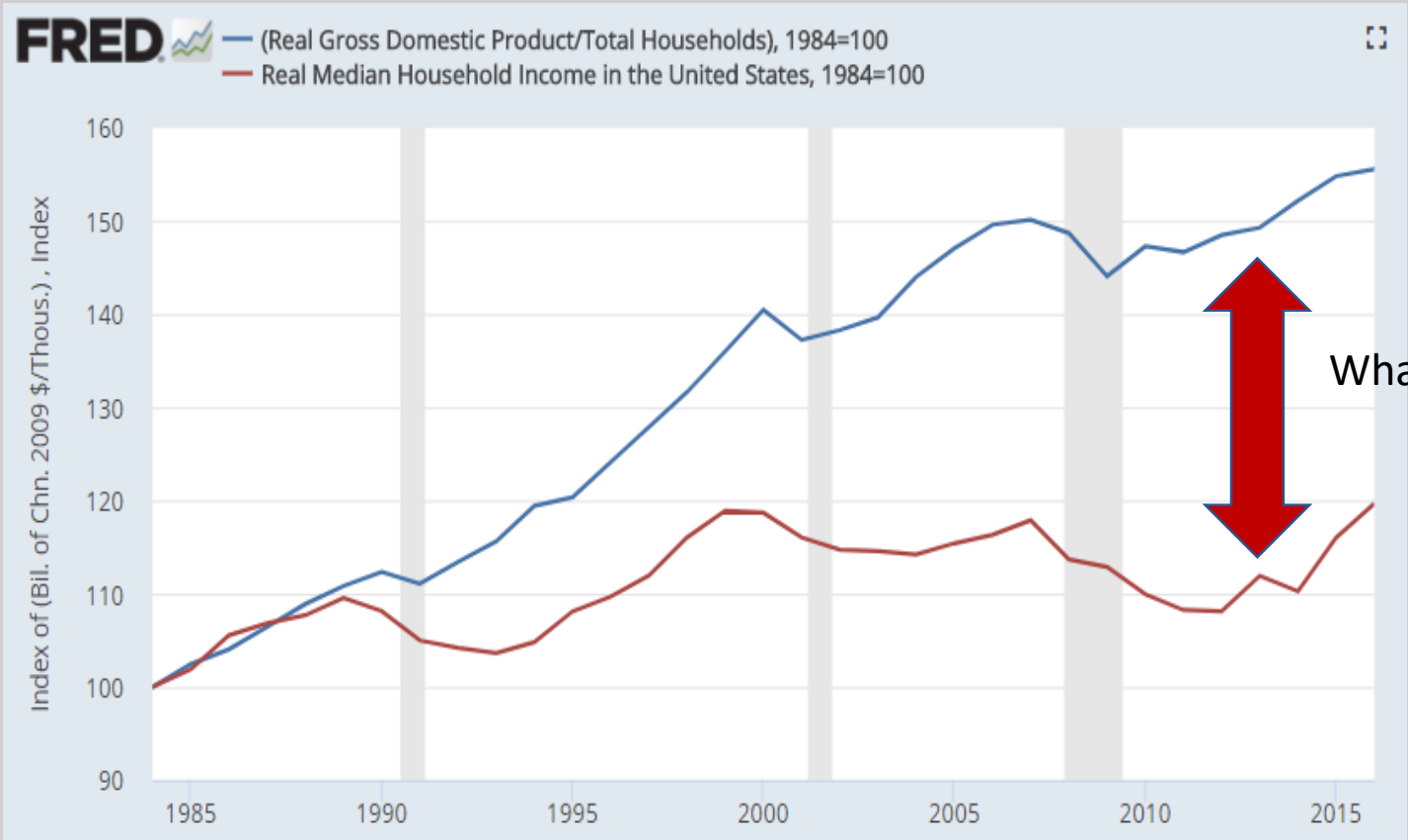
And we thought it would improve our competitiveness?



# A Jobs Graph



United States Family Unit average household income performance. Over past 30 year period income rose 20% in total and real GDP rose 55%.



At every recession the Household lost more than 5 to 10 points while GDP dropped Only 2 to 5 points.



While you were growing up, a lot happened.

# Ball Park Franks (USA)



- How much has the **Family Unit** lost over the past 30 years? (Well from 1985 to 2015).
- Total lost household income over the 30 year period was: \$ 21.6 Trillion.
- This is equivalent to \$6,400 per year per household.
- Canadian experience likely similar on a per Family Unit basis.





# Hard at Work

## Canada's unemployment rate falls to lowest since at least 1976

■ Canada Unemployment Rate



Source: Statistics Canada

prepared by Peter Bruijns



## Victim Impact Statement

What everyone seems to forget is *the Family Unit pays for absolutely everything* including the taxation dollars of corporations.

The impact:

- 11.5% of Ontario workers earn minimum wage, up from 1 in 40 over a 20 year period.
- Almost 60% earn under a living wage or are in precarious jobs.
- Just as we think we might make a gain, one of us loses our job or our costs go up for something like car insurance.
- Almost every week it seems the government is offloading a cost or service to us.
- I am surprised at how many of us kids, teens, adults have some kind of auto immune illness or a mental health issue. Stress is hard.
- We are constantly afraid of losing our jobs and governments cut services every day.
- I cannot keep up.
- Everything I read warns us of major problems around me. I need to hide.
- Whether it is fake news, real news or just too much news, it is all bad.
- Everyone disappears into their smartphones. To find what?
- I don't know who to trust for real information. Companies and governments always seem to lie.

## A Look at Just One Wealth Siphon

A company makes an express decision to take cash off its balance sheet to buy down the denominator of its share value and to create trading volumes (momentum) of its shares. The primary intention is to manipulate the share price up so that very few insiders can cash out on stock options issued during periods of low share price.

The last 5 years saw \$3 Trillion vaporize out of the economy into buybacks. \$10,000 per person in the US.





Small  
Independent  
Business

- This group of employers cannot ‘benefit’ from **Wealth Siphons** but are penalized heavily by **Geo-Political Compromise**.
- SIBs are forced to, or opt to employ people in lower wage situations because their margins are slim in the vast majority of firms.
- Their global competitors (i.e. Walmart) take full advantage of **Geo-Political Compromise** but small firms have no leverage or buying power, nor do they have lobby power even within business associations.
- Are subject to all global forces including AI effects.
- Tend to serve a local or regional market.





Corporations *have no option but to devalue their wealthier home markets* as the pressure to drive down costs and drive out higher cost employees is never ending.

*The main reason for domestic job creation* is the need to protect intellectual property, R&D, legal framework, financial systems and governance along with the minimum staff needed to support the domestic markets.

This is to the **detriment of** the Family Unit, Corporation and Government *but to the advantage of the few individuals* who are *Wealth Siphon* beneficiaries and those individuals that feed off them.

Domestic assets of corporations have a difficult time competing with their own foreign assets due primarily to the effect of **Geo-Political Compromises** built into trade agreements.

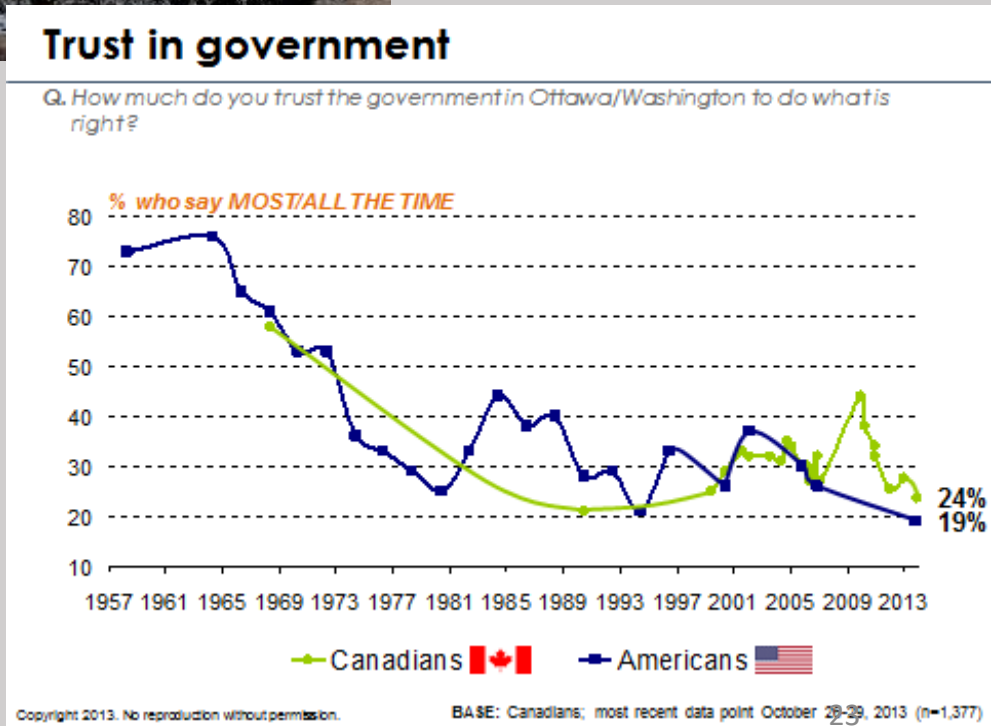
It may seem odd that this slide show is about Climate Change.

It is but you wouldn't know it.

It's coming but not quite yet!

Public Assets  
Health, Education  
Utilities, Roads

This one is simple. **Governments** will turn internally to cost and service cuts when fiscal pressures hit. These agencies and extensions of government will become gutted first but yet they form the underpinnings of society and their lack of performance is what creates the unrest in society in the first place, leading to distrust.



## So Why Do Politicians Do It?

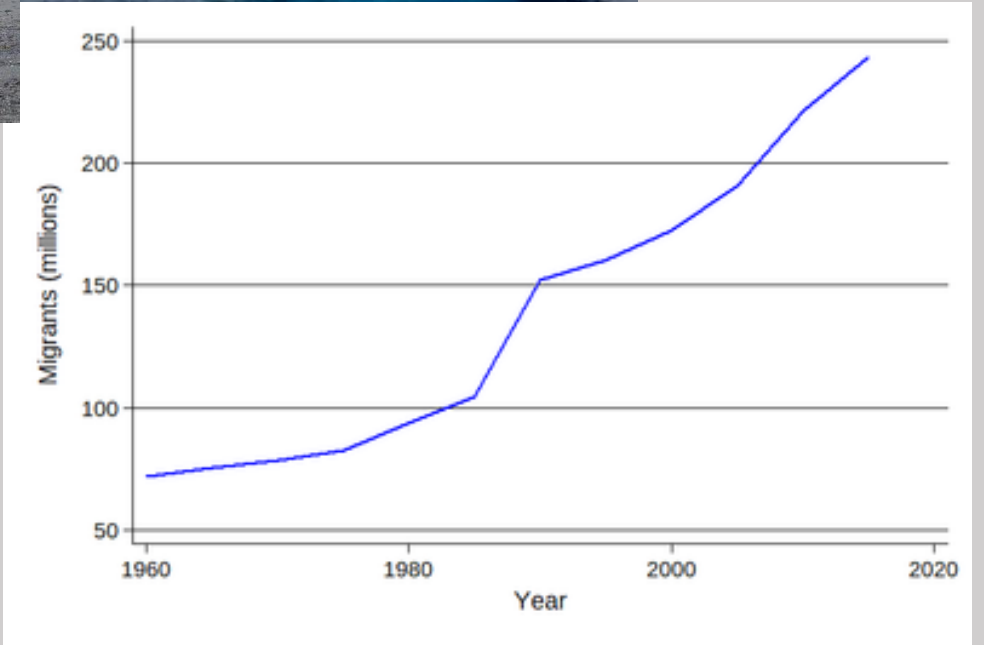


This is not a problem of political ideals. There is a shared set of behaviours within all major political parties, left, right and centrist. Liberal, Conservative, Democrat, Republican ... are all similar. How?

- Political leadership and power is a system of favours, trade offs, relationships and it is marked by a short lifespan in the political framework.
- Almost all political people have a reliance on political concessions to sustain them and provide for their lifestyle after office.
- Perhaps politicians and their staff did not model out economic impacts and overlooked several key factors?
- Corporations have distanced themselves far ahead of citizens as the drivers of political behaviour and the voice of policy.
- Corporations love the domestic struggles on all issues (gay rights, immigration, racism, #meToo, political confusion) that separate political party fundamentals and polarize people because those all distract from the fiscal structures in place and it allows them to take an ethical stance if they so choose.

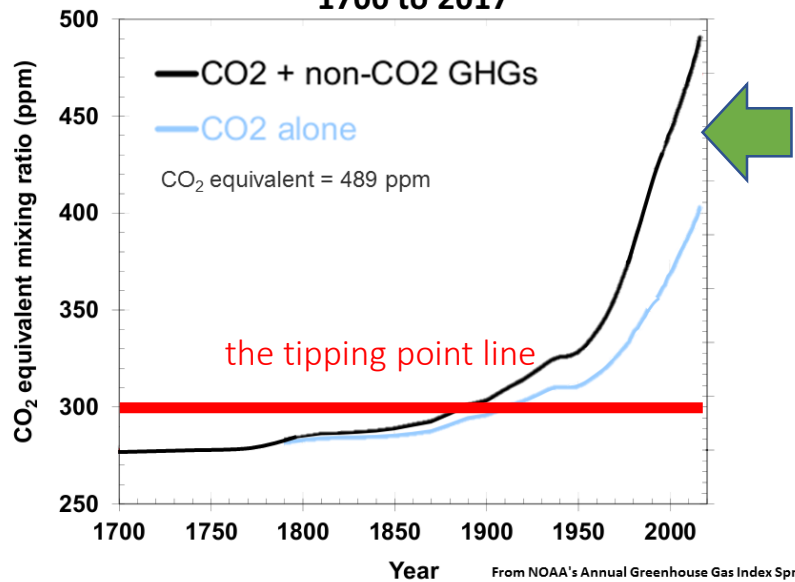


**Human Migration** trends globally would reflect distrust in domestic governments and be universal. This would be an indicator of what? Global unrest on the rise? Increased oppression? Since 1980 human migration increased by 160 million people.



**Climate Change** accelerated due to lack of environmental consideration and enforcement in all Trade Agreements.

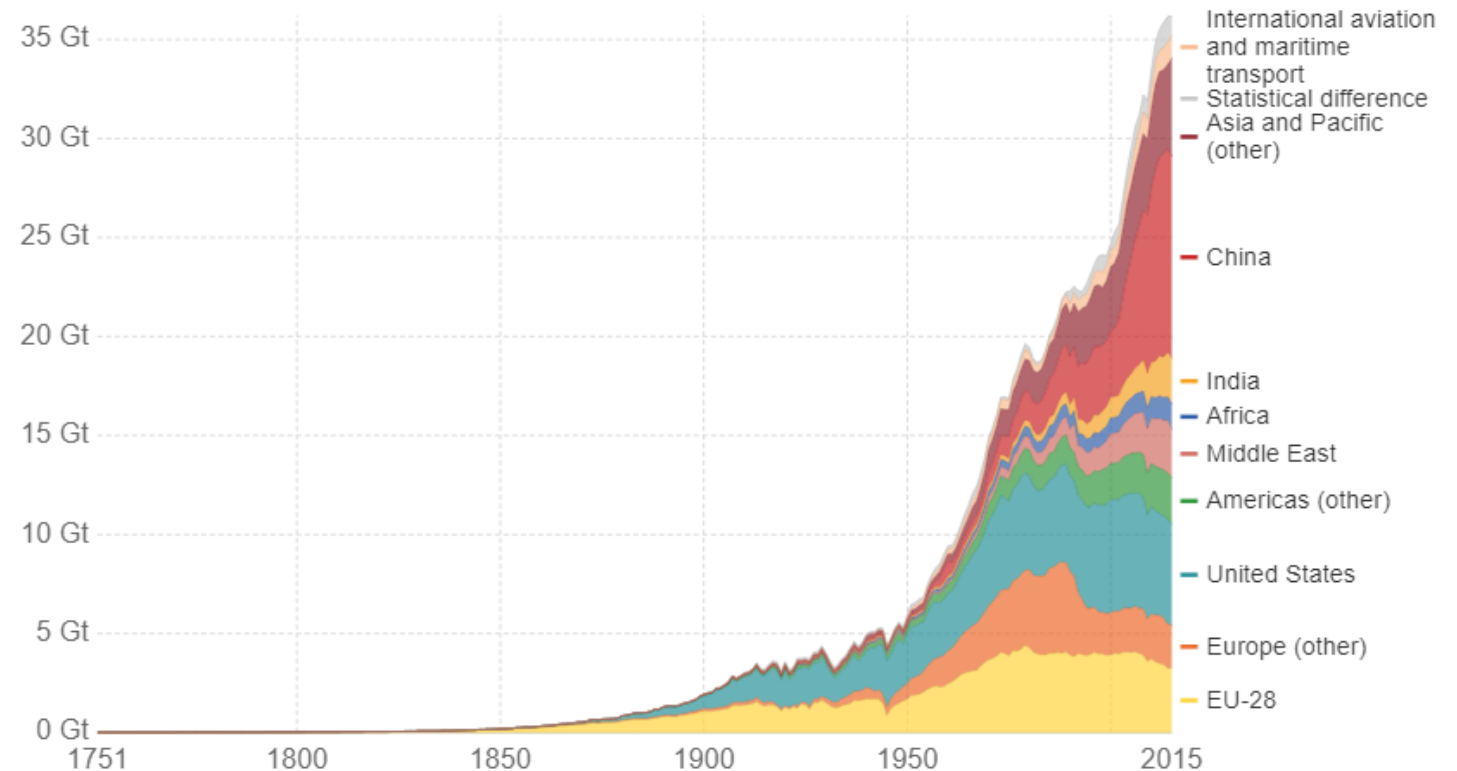
**Atmospheric Concentrations of CO<sub>2</sub> and CO<sub>2</sub> Equivalent 1700 to 2017**



## Annual CO<sub>2</sub> emissions by world region

Annual carbon dioxide (CO<sub>2</sub>) emissions measured in billion tonnes (Gt) per year

OurWorld  
in Data

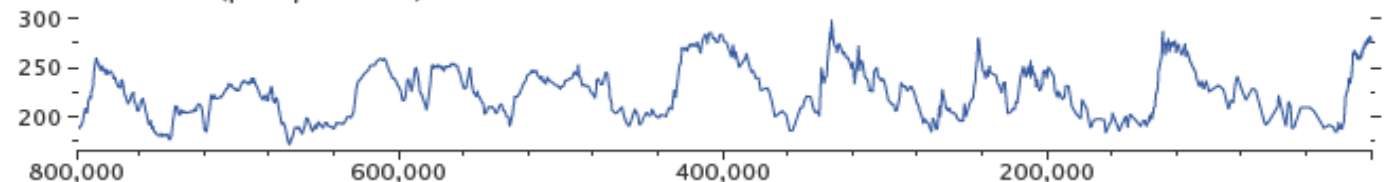


Source: Carbon Dioxide Information Analysis Center (CDIAC)

OurWorldInData.org • CC BY-SA

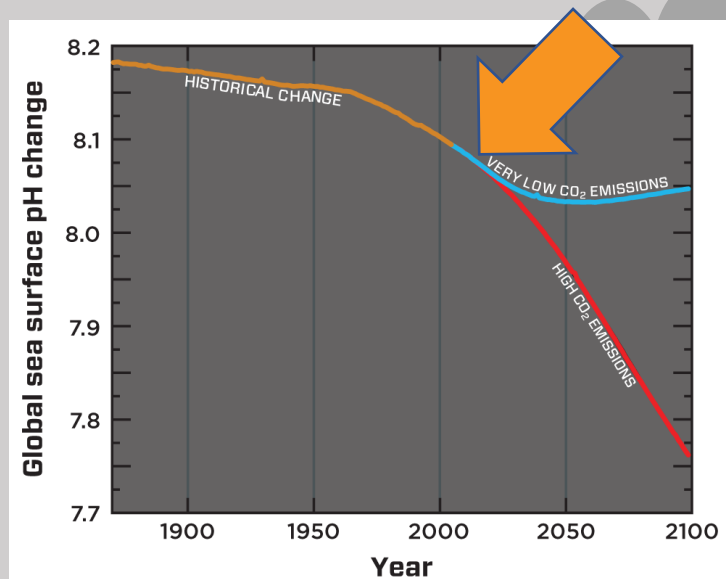
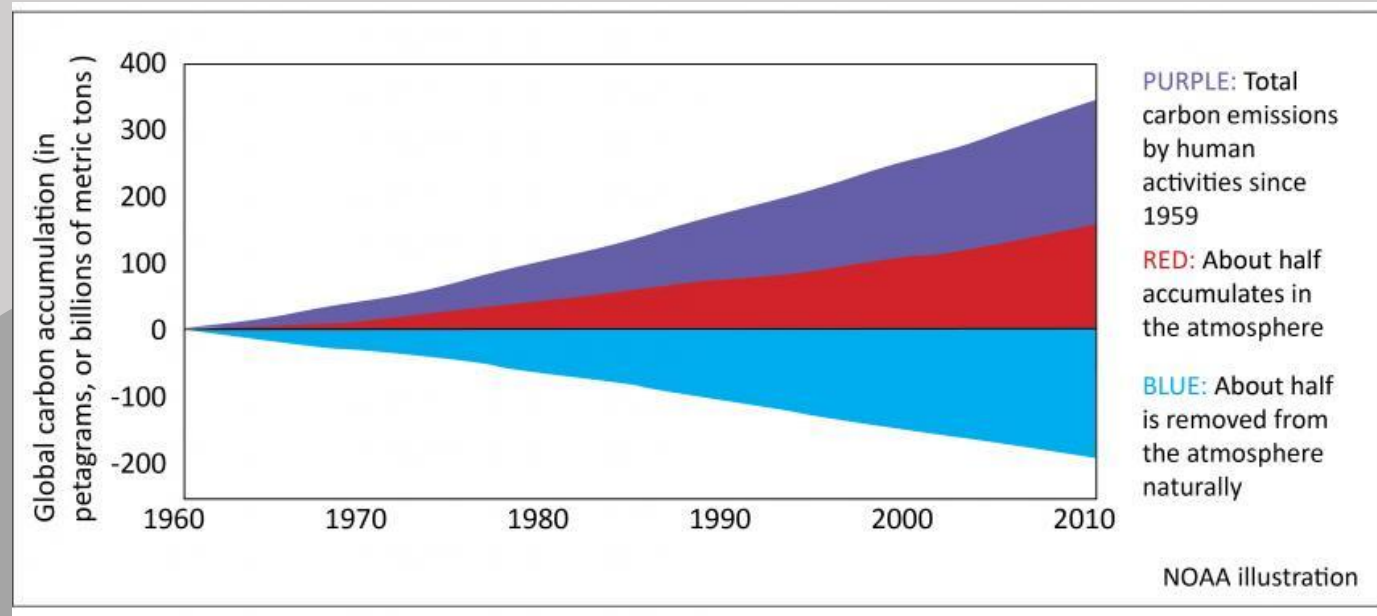
Note: Emissions data have been converted from units of carbon to carbon dioxide (CO<sub>2</sub>) using a conversion factor of 3.67. Regions denoted "other" are given as regional totals minus emissions from the EU-28, USA, China and India. Here, we have rephrased the general term "bunker (fuels)" as "international aviation and maritime transport" for clarity.

## Carbon Dioxide (parts per million)



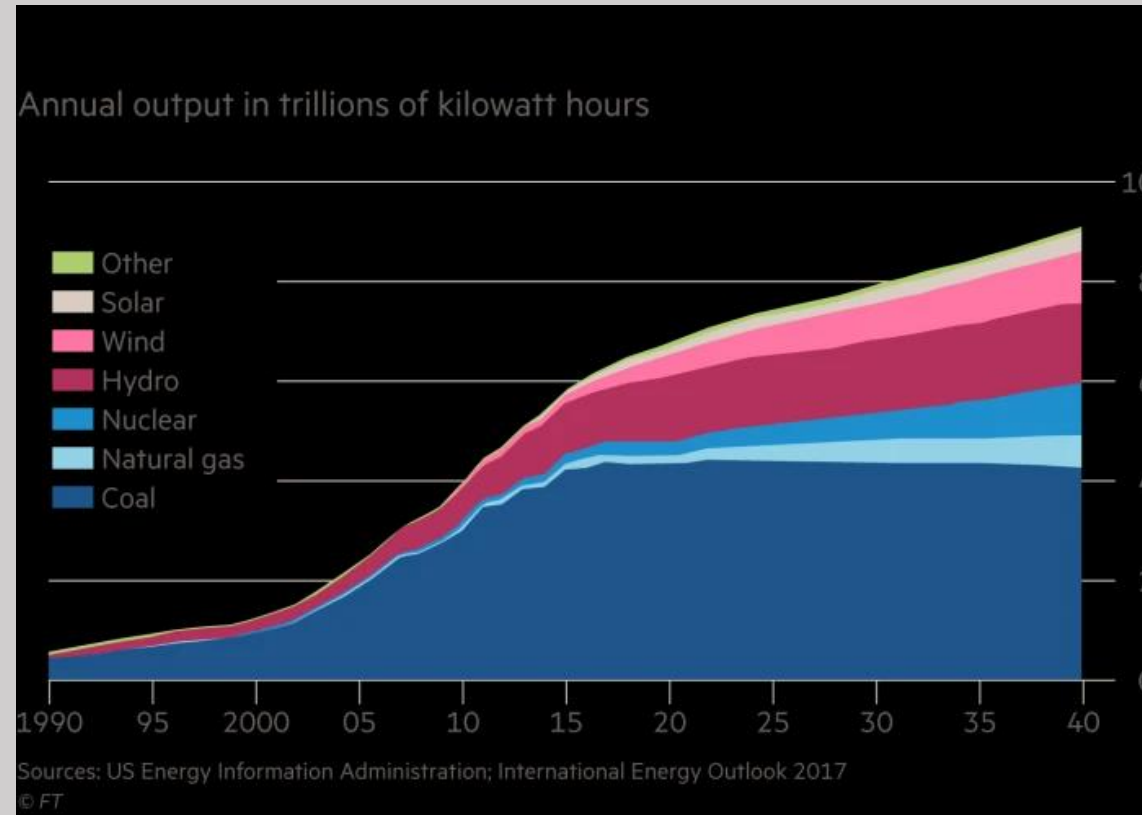
The earth, until 2010 was able to absorb 50% of all human emissions to the atmosphere per year.

The rest?

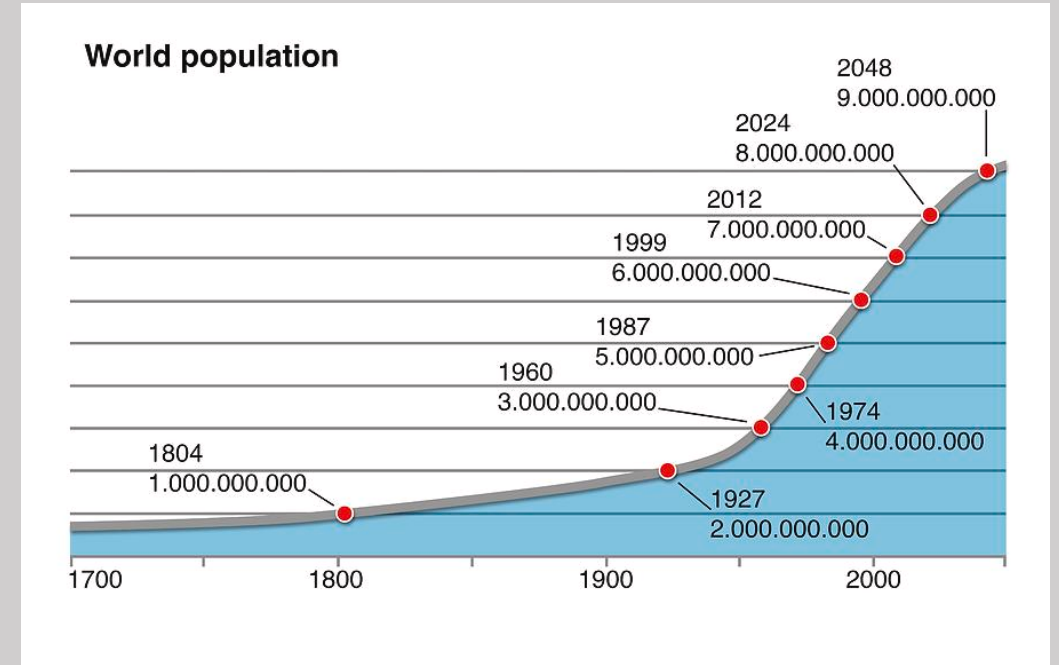
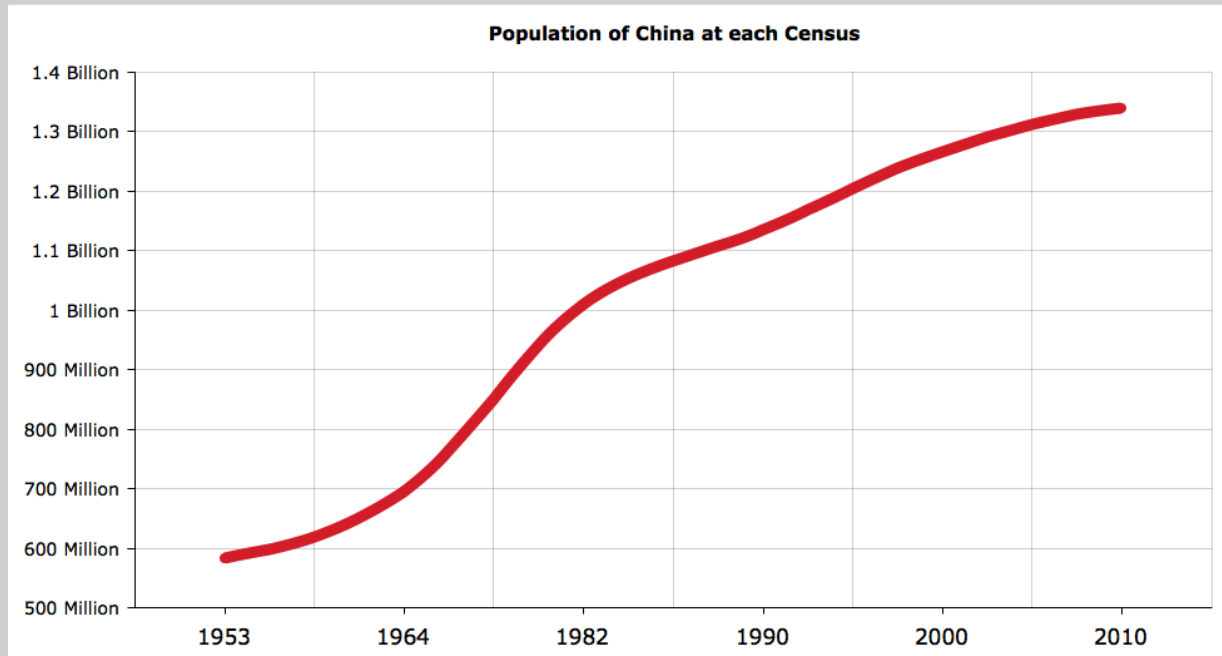


The brown-yellow colour of this lake is due to dissolved organic carbon, or DOC. Photo by Dr. Bill Donahue

# China: Nothing Is Going To Change

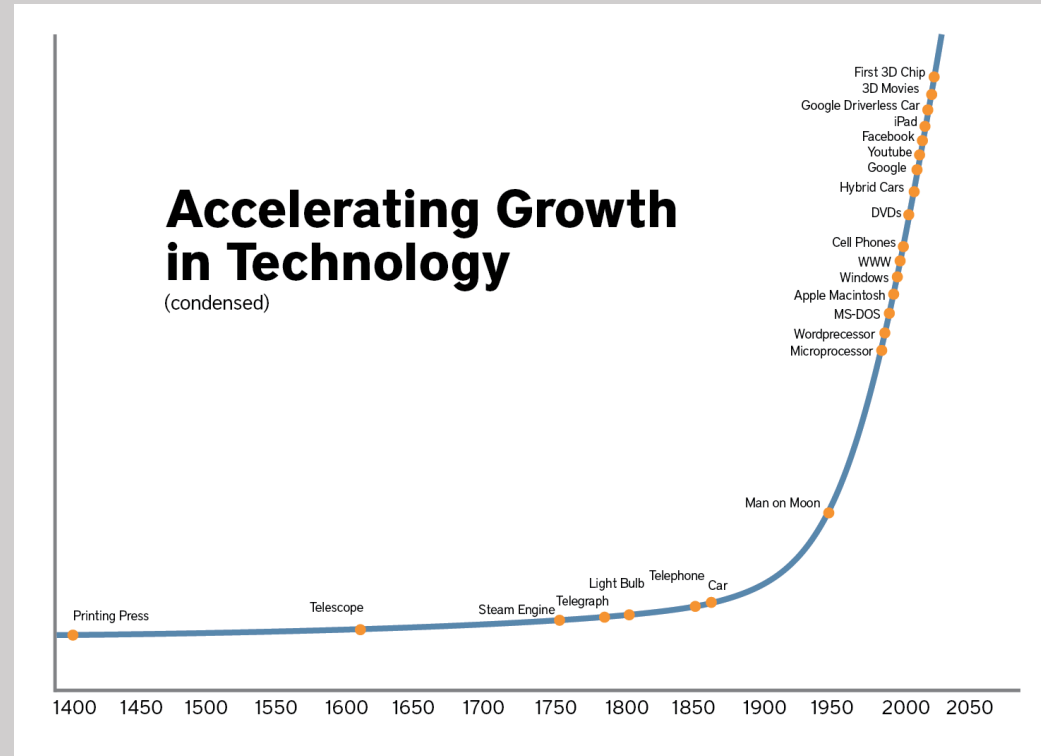
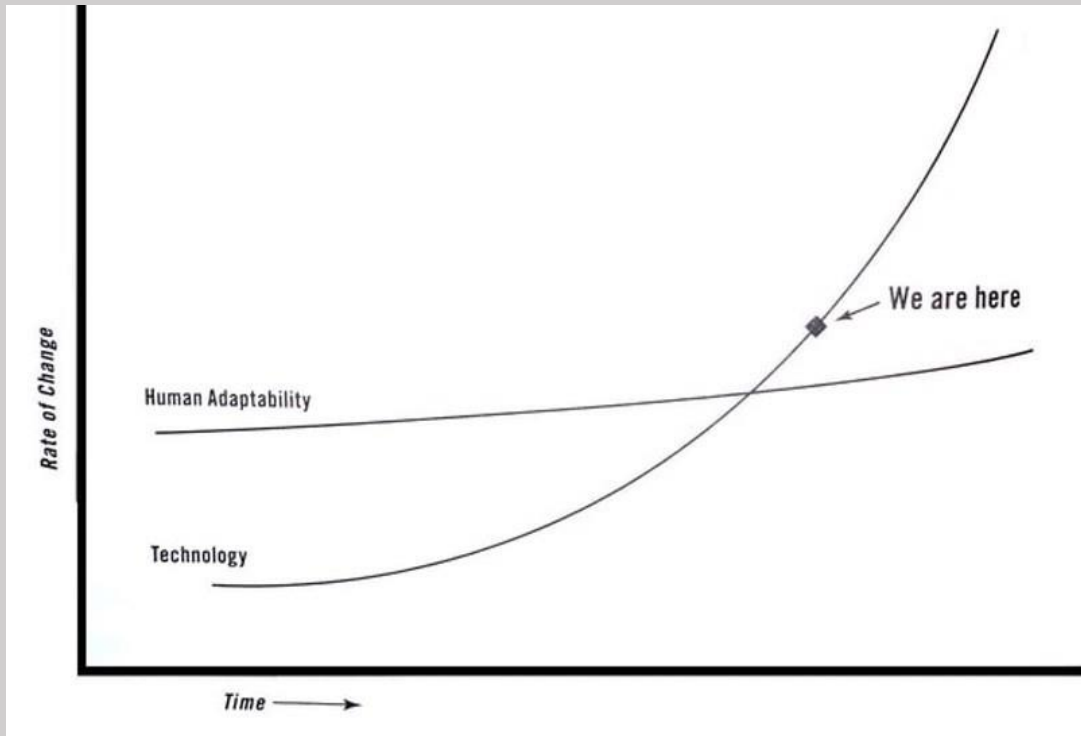


Human population is only one factor that drives global emissions. From 1985 to 2010 China's population rose 30% while emissions rose approximately 500%.



Global population grew about 40% between 1985 and 2012 with rapid growth concentrating in southeast Asia, Africa and the Middle East but CO2 increased 100%.

Technology Acceleration & Impacts



The Future is Faster Than You Think: 'People Have No Idea How Fast Things Are Moving'  
 by Paul Helmick | CEO's and Leadership Teams, Technology

## The Hammer of Technology

1. The digital economy is building a LOT of jobs for a lot of people .... for now.
2. AI will begin assuming significant components of even those jobs. 10 years away?
3. Automation will accumulate the efforts of thousands of start-ups that contribute the 'chips.'
4. Those chips will consolidate into the automation of automation.
5. Automation of many of society's jobs will accelerate and further devalue human effort.
6. Government's ability to raise revenues will lag farther behind costs.

The disruption of technology is going to drastically affect Corporations, Governments and the Family Unit and it is unstoppable and unpredictable. Mapping this in an environment of greed, accelerating poverty, climate change and governments on a fiscal debt spiral will create chaos unless governments reign in corporations now so that re-engineering of society can be done systematically.



## Why We Should Collectively Gasp



So far all society has done to vent its anger is electing populist leaders who spend their days attacking government cost structures but NOT the policies that actually change the future, making them complicit.

Society is going to realize very soon that populism will not resolve anything and then its anger will build up because there is no option beyond that emerging in our political systems.

Meanwhile, the planet keeps degrading, the value of human effort keeps going down and the top 2% keep on taking what is available into their personal coffers.

Ignorance still dominates public opinion on all of this.



## Can Carbon Taxes Work? Answer: NO

Carbon taxes are taxes applied to a country's internal environmental activities as an attempt to influence behaviour within a country, resulting in a worsening competitive distortion between that country and others.

Carbon Taxes are a source of revenue for a government that is already woefully in debt. Even promises of leveraging the Carbon Taxes for domestic benefit will drastically devalue the cash obtained. It will be applied in some ratio of debt management, tax credits, corporate subsidy and projects driving down domestic competitiveness due to the inefficient application of those dollars.

Carbon Taxes all come out of the Family Unit no matter the point at which they are collected. This then competes with all other choices of the family and in fact causes the family to take more actions to reduce taxation exposure.

**Carbon taxes in Canada proposed are set to take \$11.4 Billion from Canadian taxpayers with nominal effect on global emissions.**

This should give a sense to how severe the problems are.

No solutions will be pain free.

The menu of solutions must factor in pain tolerance; here are a few musts.

Wealth  
Siphons

## Eliminate Wealth Siphons – Especially Share Buy Backs

They serve no benefit to society whatsoever, have no effect on inflation and ultimately will have a positive effect on wages, investment, corporate culture and job growth as all that cash will be used to create real value. Worst of all, they lessen the competitiveness of the firm.

### **Will Be Painful**

Taking \$1 Trillion out of markets will trigger a correction.

Retirement plans of families will take a hit.

Implementation has to be real smart and timing perfect.





Geo-Political  
Compromise

## Apply Targeted Environmental Tariffs

If a product goes from one country to the next, there is an index differential. The higher index country may at its option tariff any product in relationship to this differential.

Mexico Index: 59.69  
Canada Index: 72.18  
Difference: 12.49



RANK	COUNTRY	SCORE	REG	RANK	COUNTRY	SCORE	REG	RANK	COUNTRY	SCORE	REG
1	Switzerland	87.42	1	61	Kuwait	62.28	5	121	Thailand	49.88	12
2	France	83.95	2	62	Jordan	62.20	6	122	Micronesia	49.80	13
3	Denmark	81.60	3	63	Armenia	62.07	17	123	Libya	49.79	16
4	Malta	80.90	4	64	Peru	61.92	6	124	Ghana	49.66	11
5	Sweden	80.51	5	65	Montenegro	61.33	18	125	Timor-Leste	49.54	14
6	United Kingdom	79.89	6	66	Egypt	61.21	7	126	Senegal	49.52	12
7	Luxembourg	79.12	7	67	Lebanon	61.08	8	127	Malawi	49.21	13
8	Austria	78.97	8	68	Macedonia	61.06	19	128	Guyana	47.93	20
9	Ireland	78.77	9	69	Brazil	60.70	7	129	Tajikistan	47.85	27
10	Finland	78.64	10	70	Sri Lanka	60.61	6	130	Kenya	47.25	14
11	Iceland	78.57	11	71	Equatorial Guinea	60.40	2	131	Bhutan	47.22	15
12	Spain	78.39	12	72	Mexico	59.69	8	132	Viet Nam	46.96	16
13	Germany	78.37	13	73	Dominica	59.38	5	133	Indonesia	46.92	17
14	Norway	77.49	14	74	Argentina	59.30	9	134	Guinea	46.62	15
15	Belgium	77.38	15	75	Malaysia	59.22	7	135	Mozambique	46.37	16
16	Italy	76.96	16	76	Antigua and Barbuda	59.18	6	136	Uzbekistan	45.88	28
17	New Zealand	75.96	1	77	United Arab Emirates	58.90	9	137	Chad	45.34	17
18	Netherlands	75.46	17	78	Jamaica	58.58	7	138	Myanmar	45.32	18
19	Israel	75.01	1	79	Namibia	58.46	3	139	Côte d'Ivoire	45.25	18
20	Japan	74.69	1	80	Iran	58.16	10	140	Gabon	45.05	19
21	Australia	74.12	2	81	Belize	57.79	10	141	Ethiopia	44.78	20
22	Greece	73.60	18	82	Philippines	57.65	8	142	South Africa	44.73	21
23	Taiwan	72.84	2	83	Mongolia	57.51	9	143	Guinea-Bissau	44.67	22
24	Cyprus	72.60	19	84	Serbia	57.49	20	144	Vanuatu	44.55	7
25	Canada	72.18	20	84	Chile	57.49	11	145	Uganda	44.28	23
26	Portugal	71.91	21	86	Saudi Arabia	57.47	11	146	Comoros	44.24	24
27	United States of America	71.19	22	87	Ecuador	57.42	12	147	Mali	43.71	25
28	Slovakia	70.60	1	88	Algeria	57.18	12	148	Rwanda	43.68	26
29	Lithuania	69.33	2	89	Cabo Verde	56.94	4	149	Zimbabwe	43.41	27
30	Bulgaria	67.85	3	90	Mauritius	56.63	5	150	Cambodia	43.23	19
31	Costa Rica	67.85	1	91	Saint Lucia	56.18	8	151	Solomon Islands	43.22	8
32	Qatar	67.80	2	92	Bolivia	55.98	13	152	Iraq	43.20	17
33	Czech Republic	67.68	4	93	Barbados	55.76	9	153	Laos	42.94	20
34	Slovenia	67.57	5	94	Georgia	55.69	21	154	Burkina Faso	42.83	28
35	Trinidad and Tobago	67.36	1	95	Kiribati	55.26	4	155	Sierra Leone	42.54	29
36	St. Vincent & Grenadines	66.48	2	96	Bahrain	55.15	13	156	Gambia	42.42	30
37	Latvia	66.12	6	97	Nicaragua	55.04	14	157	Republic of Congo	42.39	31
38	Turkmenistan	66.10	7	98	Bahamas	54.99	10	158	Bosnia and Herzegovina	41.84	29
39	Seychelles	66.02	1	99	Kyrgyzstan	54.86	22	159	Togo	41.78	32
40	Albania	65.46	8	100	Nigeria	54.76	6	160	Liberia	41.62	33
41	Croatia	65.45	9	101	Kazakhstan	54.56	23	161	Cameroon	40.81	34
42	Colombia	65.22	2	102	Samoa	54.50	5	162	Swaziland	40.32	35
43	Hungary	65.01	10	103	Suriname	54.20	15	163	Djibouti	40.04	36
44	Belarus	64.98	11	104	São Tomé and Príncipe	54.01	7	164	Papua New Guinea	39.35	21
45	Romania	64.78	12	105	Paraguay	53.93	16	165	Eritrea	39.34	37
46	Dominican Republic	64.71	3	106	El Salvador	53.91	17	166	Mauritania	39.24	38
47	Uruguay	64.65	3	107	Fiji	53.09	6	167	Benin	38.17	39
48	Estonia	64.31	13	108	Turkey	52.96	24	168	Afghanistan	37.74	22
49	Singapore	64.23	3	109	Ukraine	52.87	25	169	Pakistan	37.50	23
50	Poland	64.11	14	110	Guatemala	52.33	18	170	Angola	37.44	40
51	Venezuela	63.89	4	111	Maldives	52.14	10	171	Central African Republic	36.42	41
52	Russia	63.79	15	112	Moldova	51.97	26	172	Niger	35.74	42
53	Brunei Darussalam	63.57	4	113	Botswana	51.70	8	173	Lesotho	33.78	43
54	Morocco	63.47	3	114	Honduras	51.51	19	174	Haiti	33.74	12
55	Cuba	63.42	4	115	Sudan	51.49	14	175	Madagascar	33.73	44
56	Panama	62.71	5	116	Oman	51.32	15	176	Nepal	31.44	24
57	Tonga	62.49	3	117	Zambia	50.97	9	177	India	30.57	25
58	Tunisia	62.35	4	118	Grenada	50.93	11	178	Dem. Rep. Congo	30.41	45
59	Azerbaijan	62.33	16	119	Tanzania	50.83	10	179	Bangladesh	29.56	26
60	South Korea	62.30	5	120	China	50.74	11	180	Burundi	27.43	46

prepared by Peter Bruijns



# Economic and Personal Freedom

A big part of Geo-Political compromise is abuse of human rights, working conditions, fair wages and others.

The Human Freedom Index

Rank	Freedom Rank Change (2015-16)	Country	Personal Freedom	Economic Freedom	Human Freedom	Freedom Score Change (2015-16)
1	0	New Zealand	9.28	8.49	<b>8.89</b>	▲ 0.01
2	▲ 1	Switzerland	9.19	8.39	<b>8.79</b>	▼ 0.03
3	▼ 1	Hong Kong	8.58	8.97	<b>8.78</b>	▼ 0.08
4	▲ 1	Australia	9.18	7.98	<b>8.58</b>	▼ 0.03
5	▲ 5	Canada	9.15	7.98	<b>8.57</b>	▲ 0.05
6	▲ 1	Netherlands	9.40	7.71	<b>8.55</b>	▲ 0.01
6	▲ 2	Denmark	9.33	7.77	<b>8.55</b>	0.00
8	▼ 4	Ireland	8.94	8.07	<b>8.50</b>	▼ 0.14
8	▲ 1	United Kingdom	9.00	8.00	<b>8.50</b>	▼ 0.03
10	▼ 4	Finland	9.29	7.65	<b>8.47</b>	▼ 0.09
10	0	Norway	9.34	7.60	<b>8.47</b>	▼ 0.05
10	▲ 7	Taiwan	9.04	7.89	<b>8.47</b>	▲ 0.06
13	0	Germany	9.24	7.69	<b>8.46</b>	▼ 0.02
14	▲ 2	Estonia	9.01	7.86	<b>8.44</b>	▼ 0.01
15	▼ 2	Luxembourg	9.26	7.60	<b>8.43</b>	▼ 0.06
16	▼ 4	Austria	9.25	7.58	<b>8.41</b>	▼ 0.10
17	▲ 1	United States	8.75	8.03	<b>8.39</b>	▲ 0.01
17	▼ 4	Sweden	9.33	7.44	<b>8.39</b>	▼ 0.10
19	▼ 1	Malta	8.98	7.73	<b>8.35</b>	▼ 0.03
20	0	Lithuania	8.82	7.86	<b>8.34</b>	▼ 0.01
21	▲ 3	Czech Republic	9.03	7.56	<b>8.29</b>	▲ 0.03

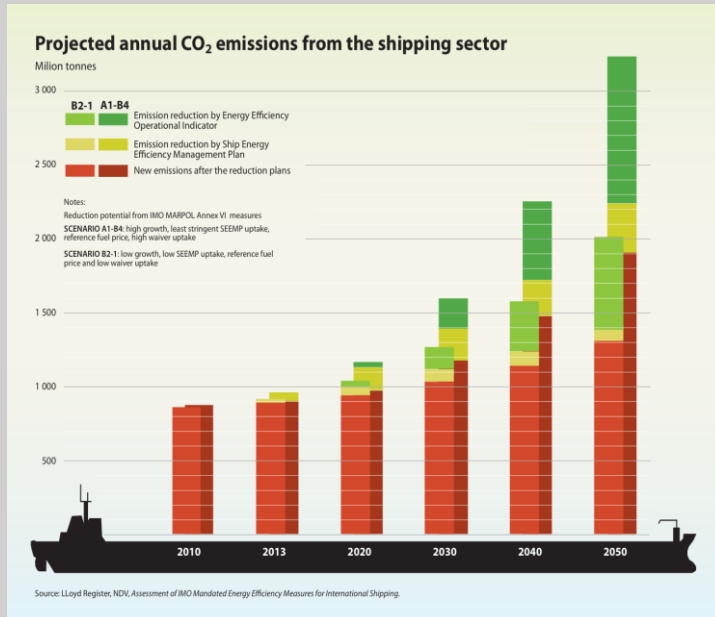
The Human Freedom Index *Continued*

Rank	Freedom Rank Change (2015-16)	Country	Personal Freedom	Economic Freedom	Human Freedom	Freedom Score Change (2015-16)
124	▼ 4	Tajikistan	5.65	6.72	<b>6.19</b>	▼ 0.02
127	▼ 3	Morocco	5.99	6.37	<b>6.18</b>	▲ 0.01
128	N/A	Belarus	6.06	6.23	<b>6.14</b>	N/A
129	▼ 2	Oman	5.51	6.76	<b>6.13</b>	▲ 0.02
130	▲ 1	Azerbaijan	5.68	6.49	<b>6.08</b>	▲ 0.12
130	▼ 8	Mozambique	6.66	5.50	<b>6.08</b>	▼ 0.13
132	▼ 2	Nigeria	5.82	6.32	<b>6.07</b>	▲ 0.06
133	▼ 13	Guinea-Bissau	6.86	5.25	<b>6.05</b>	▼ 0.15
134	▼ 2	Mali	6.06	5.80	<b>5.93</b>	▲ 0.03
135	▼ 2	China	5.35	6.46	<b>5.91</b>	▲ 0.02
136	▼ 2	Congo, Republic of	6.78	5.02	<b>5.90</b>	▲ 0.06
137	▲ 2	Niger	5.71	6.01	<b>5.86</b>	▲ 0.19
138	▼ 2	Bangladesh	5.30	6.30	<b>5.80</b>	▼ 0.01
138	0	Brunei Darussalam	4.66	6.93	<b>5.80</b>	▲ 0.11
140	▲ 1	Pakistan	5.32	6.00	<b>5.66</b>	▲ 0.05
141	▼ 1	Guinea	5.37	5.93	<b>5.65</b>	0.00
142	▼ 5	Angola	6.11	5.17	<b>5.64</b>	▼ 0.15
143	▼ 1	Zimbabwe	5.17	6.06	<b>5.62</b>	▲ 0.03
144	▼ 1	Gabon	5.32	5.84	<b>5.58</b>	▲ 0.03
144	0	Cameroon	5.33	5.82	<b>5.58</b>	▲ 0.12
146	▲ 3	Saudi Arabia	4.44	6.52	<b>5.48</b>	▲ 0.16
147	▼ 1	Chad	5.51	5.44	<b>5.47</b>	▲ 0.04
147	0	Mauritania	4.99	5.96	<b>5.47</b>	▲ 0.10
149	▼ 4	Myanmar	5.46	5.42	<b>5.44</b>	▼ 0.01
150	▼ 2	Ethiopia	5.06	5.73	<b>5.40</b>	▲ 0.04
151	▼ 1	Congo, Dem. Rep. of	4.95	5.67	<b>5.31</b>	▲ 0.01
152	▼ 1	Central African Republic	5.47	5.11	<b>5.29</b>	▲ 0.16
153	▲ 1	Iran	4.53	6.03	<b>5.28</b>	▲ 0.34
154	▼ 1	Burundi	4.41	5.92	<b>5.17</b>	▲ 0.11
155	▼ 3	Algeria	5.28	4.99	<b>5.14</b>	▲ 0.05
156	▼ 1	Egypt	3.89	5.72	<b>4.81</b>	0.00
157	N/A	Sudan	4.25	5.36	<b>4.80</b>	N/A
158	▼ 2	Libya	3.88	4.74	<b>4.31</b>	▼ 0.12
159	N/A	Iraq	3.12	5.40	<b>4.26</b>	N/A
160	▼ 2	Yemen, Republic of	2.17	6.34	<b>4.25</b>	▲ 0.05
161	▼ 4	Venezuela	5.52	2.88	<b>4.20</b>	▼ 0.04
162	▼ 3	Syria	2.51	5.02	<b>3.77</b>	▼ 0.14



Geo-Political  
Compromise

## Apply Significant Logistics Tariffs



## Make Long Range Logistics Expensive

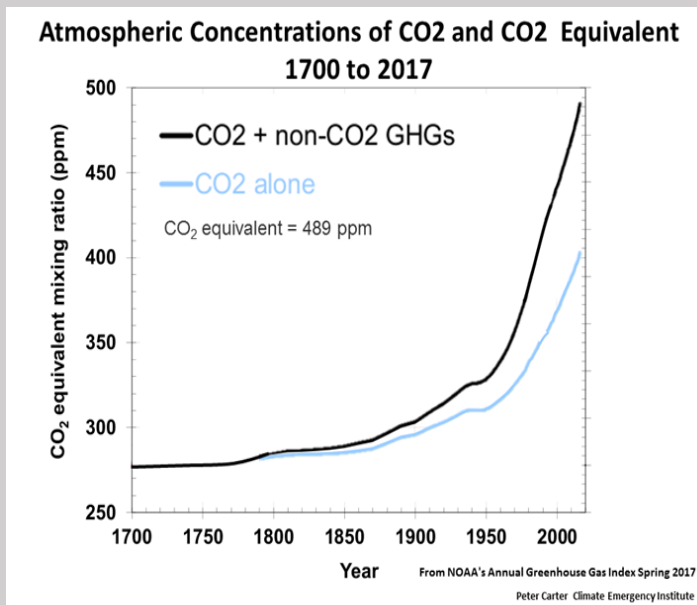
- Ocean freight is responsible for up to 2.5% of all global air emissions plus undetermined ballast dumping.
- Force shipping, trains and transports to go hydrogen or EV.
- Importing from overseas jurisdictions adds additional burden of freight emissions.
- A dot to dot levy on freight distance is easy to calculate and assign.

# How Much Time Do We Have?

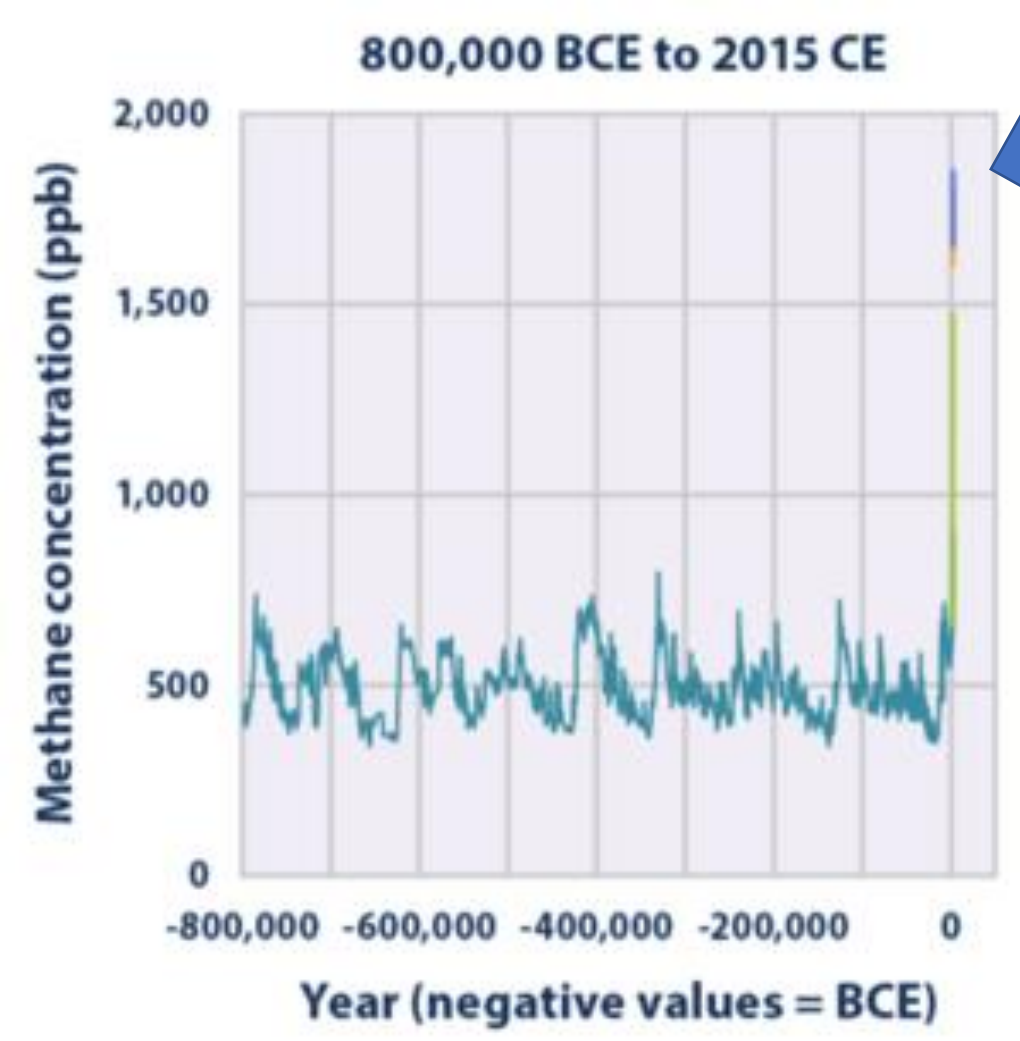
Two 4 year government cycles to make a fundamental change.

Why 8 years? Because within 8 years AI and computational power will provide computing power greater than a human mind, affordably to anyone who wants it for less than \$1000. AI unpredictable.

And within 11 years the Arctic is projected to degrade permafrost to such an extent that methane releases may well take over and could offset any rate of reduction we can attain as humans.



# Methane Concentrations In Our Atmosphere

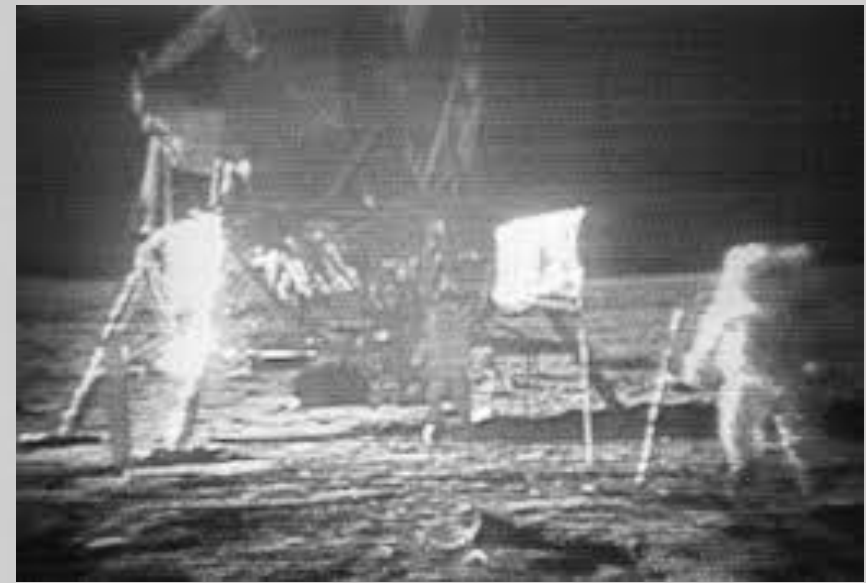


An 'Oh Crap' moment





*50 years ago we experienced  
the first moon landing. Since  
then we have made a mess  
here on earth.*



If you care about ...

family incomes, jobs and your kids future ....

government being able to provide good basic services like health  
care, education, social services ...

a safe society ....

then you also care about Climate Change.

**Because all of this arises from the two cancers affecting the health of our world.**

Not sure what you have taken away from this presentation,

But it should motivate you to ...

.... emphatically demand immediate change from **ALL** politicians.

But ..... urgency is OPPORTUNITY.

# So we collect a bunch of tariffs?

## Oh yeah, a tariff is a form of tax on you.

1. Assume Canada collects about \$12 Billion in total tariffs per year.
2. Prioritize tariffs to drive maximum impact.
3. Take \$4 Billion and invest it into clean energy creation projects or MACT solutions in highest need countries/projects globally.
4. Canada Project manages and inspects and helps nations lower carbon footprint. Failure to sustain drives sanctions.
5. Take \$8 Billion per year and invest it domestically in Canada on Climate Change solutions and infrastructure.

## If governments firmly acted to eliminate Geo-Political Compromises and Wealth Siphons, we will ...

Unleash multitudes of opportunities for investors, small companies and entrepreneurs, creating millions of high value jobs around the world.

Drive a global sense of responsibility leading to more freedoms/stability for more people everywhere.

Put upward pressure on wages.

Put into motion forces that will reign in Climate Change.

**Canada can lead ONLY if our elected politicians take action and bring other nations along.**

# Opportunities Galore!

- Far more plant based foods need to be developed.
- Single use plastics (beverages) can no longer be plastic along with straws, bags and other examples.
- Eliminate fast food disposables.
- Aquaculture.
- Converting disposable products to durable products. \*\*\*HUGE
- Recyclers must come up with value products from recycling.
- EVs and Hydrogen must establish themselves asap.
- Vertical farming must become competitive and efficient asap.
- Every aspect of over consumption of resources presents opportunities.
- More wind and solar farms.
- Retooling Government with far stronger policy positions and analytics.



# A Quick Look At One Opportunity

## Eliminate Plastic Single Serve Beverage Containers

1. This changes a LOT of industries. Environmental impact: 50 billion water bottles a year in US but only 29% recycled, only 7% actually reprocessed into water bottles.
2. Coca-Cola processes 3 million tons of plastic per year into bottles.
3. Price of a 1.5 litre bottle in Canada? Avg \$2.27 ... a lot of room for margin.
4. Opportunities?
  - Quick one is switching from plastic to glass, aluminum.
  - Closed loop bottle reuse.
  - Deposits, businesses that clean bottles.
  - Manufacture durable beverage holders, marketing and branding.
  - Increase canning manufacturing or bottle making businesses.
  - New business ideas in concentrated mixes for drinks?
  - Thermos washing stations?
  - Boutique beverage stations in high traffic areas to fill thermoses?
  - Other ideas with entirely new innovative solutions.
  - Home beveraging solutions by Coca-Cola?



# The Northern Ontario Advantage

Small enough to be fast. Big enough to matter. North America's largest Angel Investor Network. All the resources one could possibly need.

Now, let's make it happen!





# An End

Or a new beginning?

It's your choice but  
you have to make it real soon.

