

The Environment

2

To What Extent Are Individual Decisions
More Important than Government
Regulation in the Controlling the Economy?

Project Business



“Great plan. Could we get some more details?”

Review



- What are some of the **disadvantages** of a public healthcare system?
- What are some **disadvantages** of a private healthcare system?
- Which system do you prefer?

Should the Government or Free Market
be responsible for the Environment?

How Much Should the Government or Free Market Be Involved with the Environment?



Government Solutions to Environmental Problems

- With your table groups, brainstorm how the government might handle the following environmental issues:

1. Climate Change

2. Health Hazards

3. Waste Problems



Government vs. Free Market - The Environment

Issue	Government Solutions to Issue – What Could the Government Do?
Climate Change	
Human Health	
Human Waste	

Climate Change



Government Intervention: Climate Change



- Use taxpayer money to invest in green technology
- Regulate (control) amount of GHG's created
- Tax incentives / punishments
 - Tax polluters
 - Discounts for Green upgrades

Public Investment in Green Technology



Public Investment in Green Technology



Regulation on GHGs

A federal law passed in 2007 makes energy-efficient light bulbs, like this fluorescent bulb, mandatory by 2012. The law responds to an environmental issue: how to reduce the impact of electrical lighting on the environment. **Think critically:** In what way is the law a political decision, involving governance in Canada? In what way is it an economic decision, involving producers and consumers?



Incandescent light bulb ban starts Jan. 1, 2014

No rules yet for recycling mercury-containing alternatives

The Canadian Press Posted: Dec 13, 2013 10:55 AM ET | Last Updated: Dec 18, 2013 5:10 PM ET



As of Jan. 1, 75- and 100-watt incandescent bulbs will be banned, followed by 40- and 60-watt versions on Dec. 31, 2014. However, the industry can continue to ship non-efficient bulbs, such as traditional incandescents, as long as they were manufactured before Jan. 1. (Lisi Niesner/Reuters)



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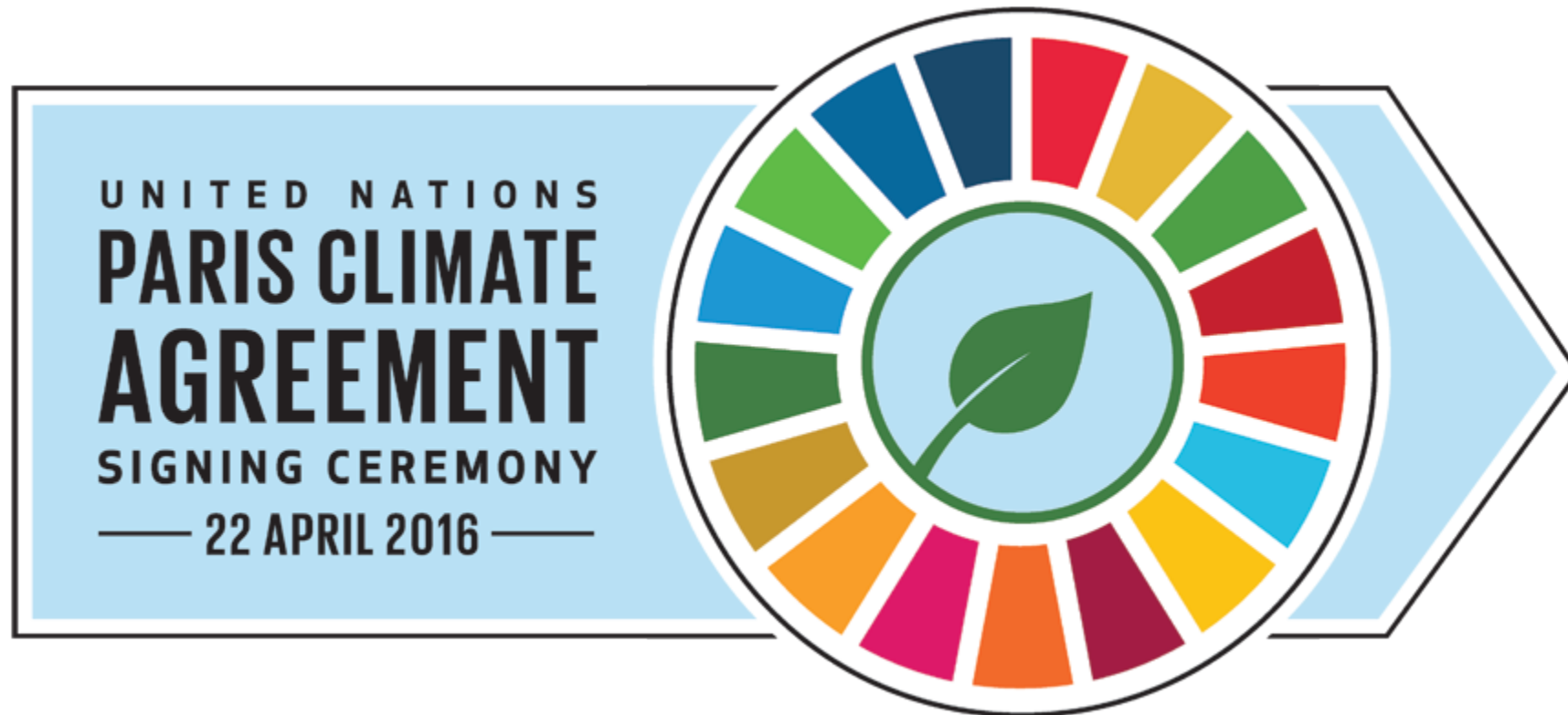


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Regulation on GHGs




Green Incentives




RESIDENTIAL BUSINESS ABOUT US

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Energy Efficiency Alberta's programs promote the use of cutting-edge technology to reduce emissions without any changes to your quality of life.




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Work with a contractor to save big on energy-efficient renovations.
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Tax Punishments

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Alberta introduces bill to implement carbon tax

Typical household will pay an extra \$70 to \$105 in indirect costs for goods and services

By Michelle Bellefontaine, CBC News Posted: May 24, 2016 3:08 PM MT | Last Updated: May 24, 2016 3:51 PM MT



Environment Minister Shannon Phillips announced details of her new climate leadership bill on the rooftop deck of the Federal Building in Edmonton. (Michelle Bellefontaine/CBC News)

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387 shares The typical Alberta household will pay an additional \$70 to \$105 each

July 22, 2012

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Carbon tax will cost Alberta families at least \$1,000, Wildrose says

'Why we are going to such great lengths ... is beyond belief,' Brian Jean says

By Michelle Bellefontaine, CBC News Posted: Apr 18, 2016 12:00 PM MT | Last Updated: Apr 18, 2016 3:08 PM MT



Wildrose Leader Brian Jean (right) wants the NDP government to study the full economic effects of the carbon tax before implementing it next year. Jean appeared at the Monday news conference with Wildrose electricity and renewable energy critic Don McIntyre. (CBC)

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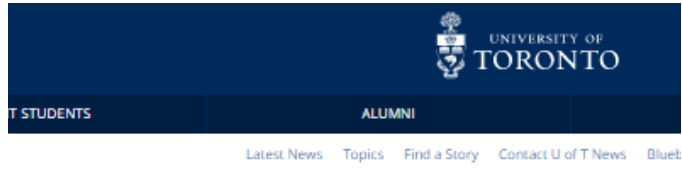
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Health Hazards



Rising mercury levels in Ontario fish could have severe health, economic consequences

Walleye, northern pike and lake trout important for tourism industry, First Nations communities



Fish such as the northern pike, pictured above, are popular among anglers and play an important role in tourism (photo by Piv Werdank via flickr)

Mercury levels in Ontario fish are on the rise and if that trend continues it will have considerable health and economic consequences for Ontario in the coming decades, says a new University of Toronto study.



Government Intervention: Health Hazards

- Regulations (limits) on Emissions

- Location
- Amount



- Laws on use and disposal of harmful chemicals



Health Hazards

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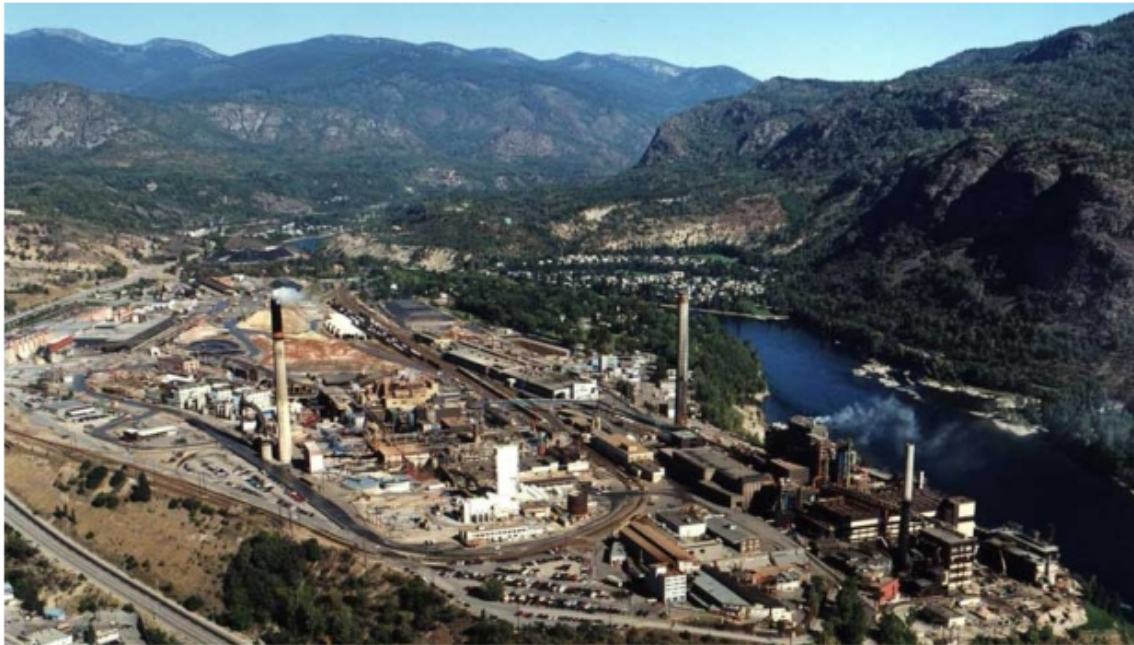
Video

Canada BC

B.C. judge issues \$3.4M fine to Teck mining for polluting the Columbia River

Company admits the toxic discharges were unacceptable

CBC News Posted: Mar 01, 2016 5:00 AM PT | Last Updated: Mar 01, 2016 11:27 AM PT



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Waste Problems



Government Intervention: Waste

- Mandatory Recycling / Compost Programs



- Clean Up Programs



Government Intervention: Waste Issues

Free Market Solutions to Environmental Problems

- With your table groups, brainstorm how the Free Market might handle:

1. Climate Change

2. Health Hazards

3. Waste Problems



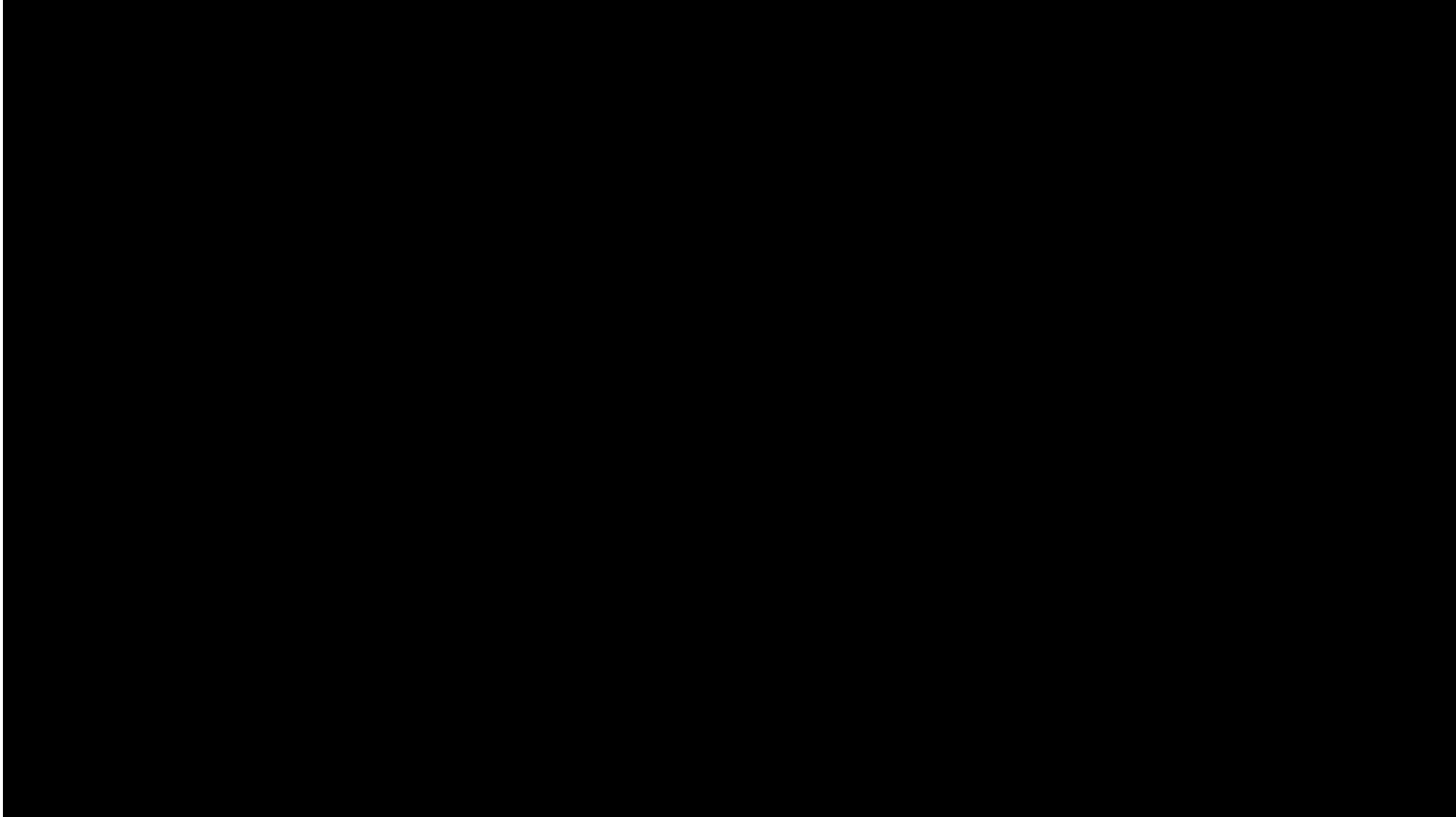
Issue	Free Market Solutions to Issue – What Could Individuals / Business Do?
Climate Change	
Human Health	
Human Waste	

The Free Market: Climate Change



- Consumer demand for GHG free products increases
- Entrepreneurs develop products to meet demand

Free Market Solutions: Climate Change



Free Market Solutions – Health Hazards

- Consumers boycott products made with harmful chemicals / lower air quality
- Choose safer alternatives
 - Ex. Organics , solar power



Free Market Solutions – Waste Problems



- Demand increases for efficient waste disposal
- Entrepreneurs create alternative means to remove waste

Terracycle



Which Solution is Better?



Environment
Canada

Environnement
Canada



green entrepreneurs

July 22, 2016



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Government vs. Free Market - The Environment



What is the issue in the cartoon?

Does the cartoonist support a government or free market solution to the issue?

Do you agree with the artist?



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