

Conservation Council *of* New Brunswick
Conseil de conservation *du* Nouveau-Brunswick

Engaging Citizens



The Future's Not What It Used to Be



















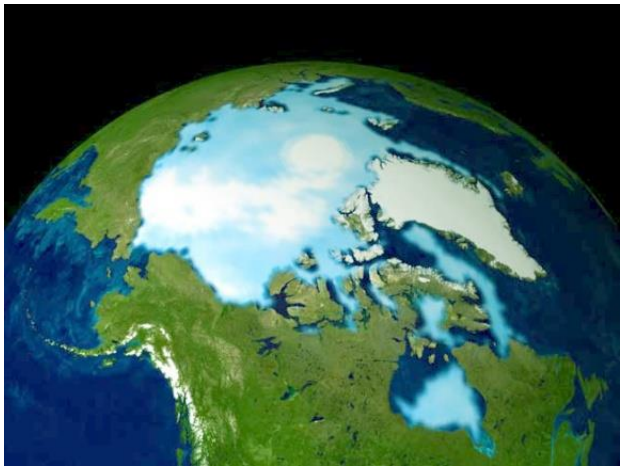






We Are Thickening the Blanket of GHGs Around the Earth Raising our Planetary Temperature Destabilizing the Global Climate

Captain, It Appears This Planet's Ice Caps Are Melting







Damn, it Jim. We can't let those people fry.

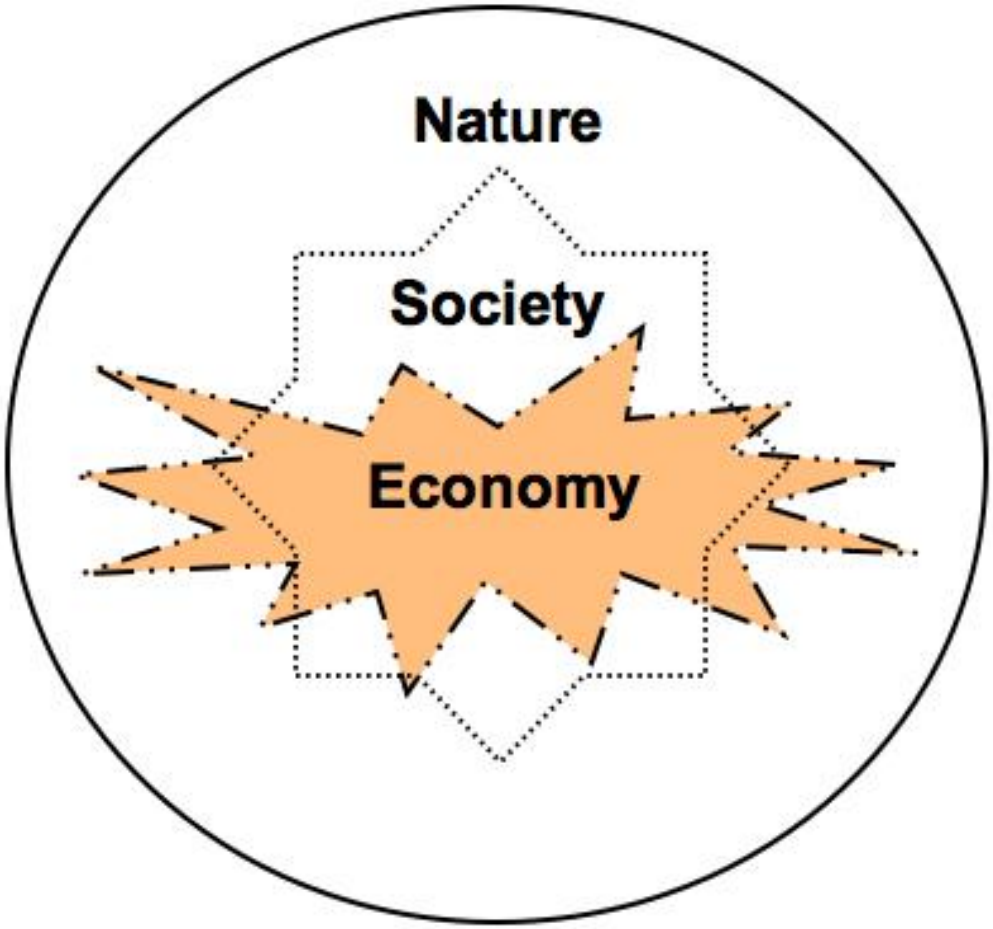


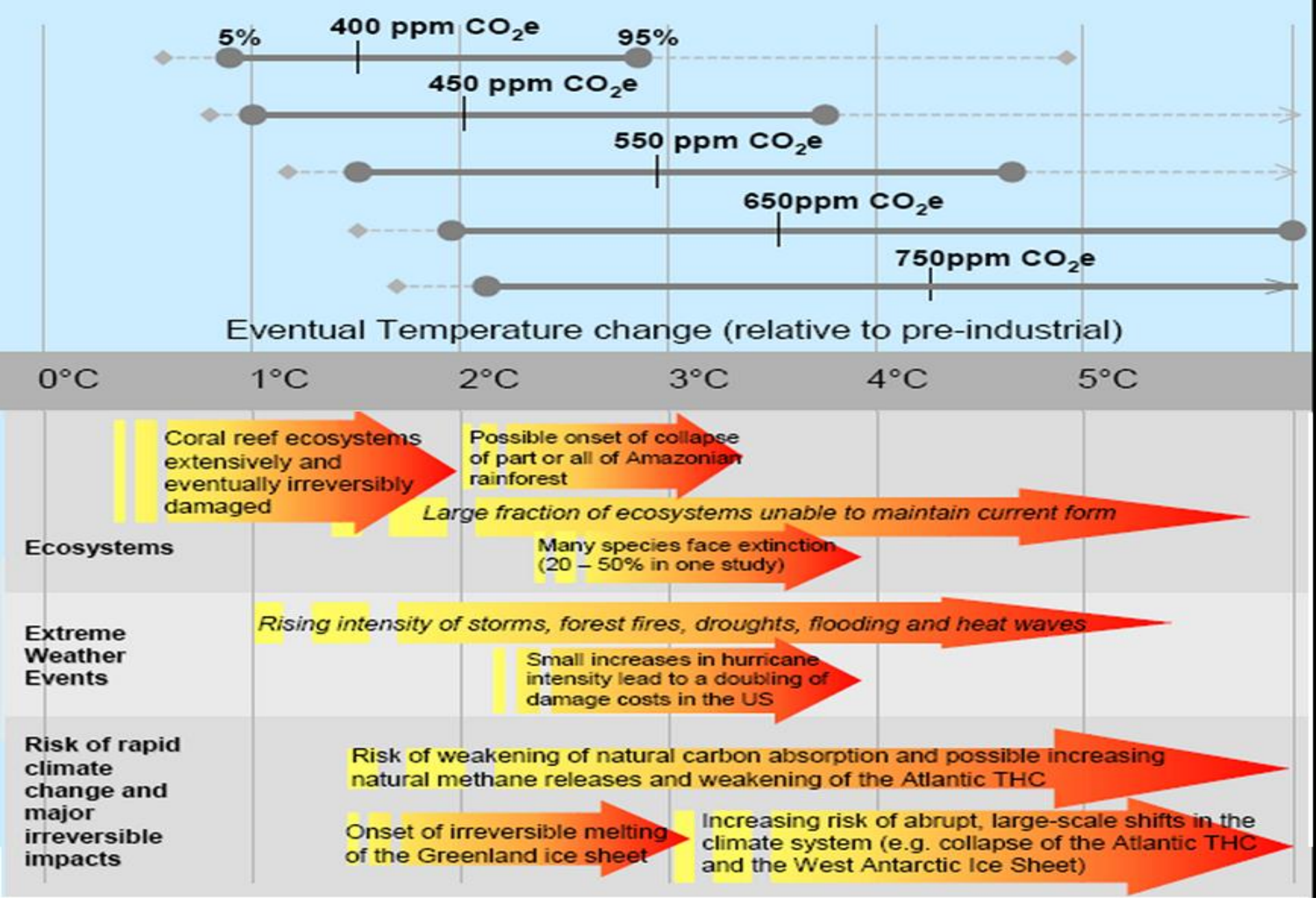
Phasers on stun. They may be dangerous

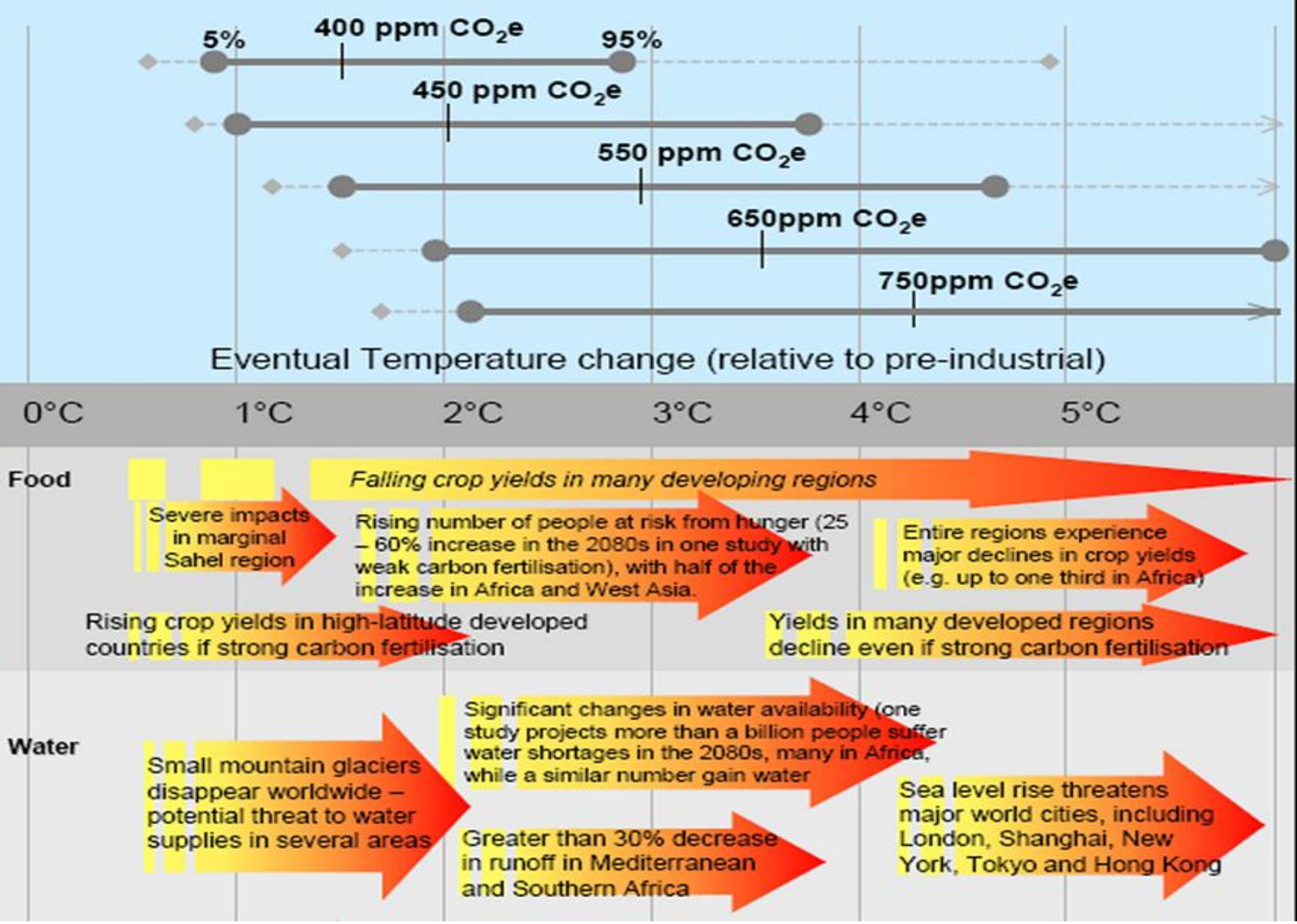
Recycling is not enough



Nature, Society, Economy




5%
400 ppm CO_2e
95%
450 ppm CO_2e
550 ppm CO_2e
650ppm CO_2e
750ppm CO_2e
Eventual Temperature change (relative to pre-industrial)
0°C
1°C
2°C
3°C
4°C
5°C
Coral reef ecosystems extensively and eventually irreversibly damaged
Possible onset of collapse of part or all of Amazonian rainforest
Large fraction of ecosystems unable to maintain current form
Many species face extinction (20 – 50% in one study)
Ecosystems
Rising intensity of storms, forest fires, droughts, flooding and heat waves
Small increases in hurricane intensity lead to a doubling of damage costs in the US
Extreme Weather Events
Risk of weakening of natural carbon absorption and possible increasing natural methane releases and weakening of the Atlantic THC
Onset of irreversible melting of the Greenland ice sheet
Increasing risk of abrupt, large-scale shifts in the climate system (e.g. collapse of the Atlantic THC and the West Antarctic Ice Sheet)
Risk of rapid climate change and major irreversible impacts


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2°C
3°C
4°C
5°C
Food
Falling crop yields in many developing regions
Severe impacts in marginal Sahel region
Rising number of people at risk from hunger (25 – 60% increase in the 2080s in one study with weak carbon fertilisation), with half of the increase in Africa and West Asia.
Entire regions experience major declines in crop yields (e.g. up to one third in Africa)
Rising crop yields in high-latitude developed countries if strong carbon fertilisation
Yields in many developed regions decline even if strong carbon fertilisation
Water
Significant changes in water availability (one study projects more than a billion people suffer water shortages in the 2080s, many in Africa, while a similar number gain water
Small mountain glaciers disappear worldwide – potential threat to water supplies in several areas
Greater than 30% decrease in runoff in Mediterranean and Southern Africa
Sea level rise threatens major world cities, including London, Shanghai, New York, Tokyo and Hong Kong

We Need Collective Action




Moratoire
Obligatoire
DERNIER

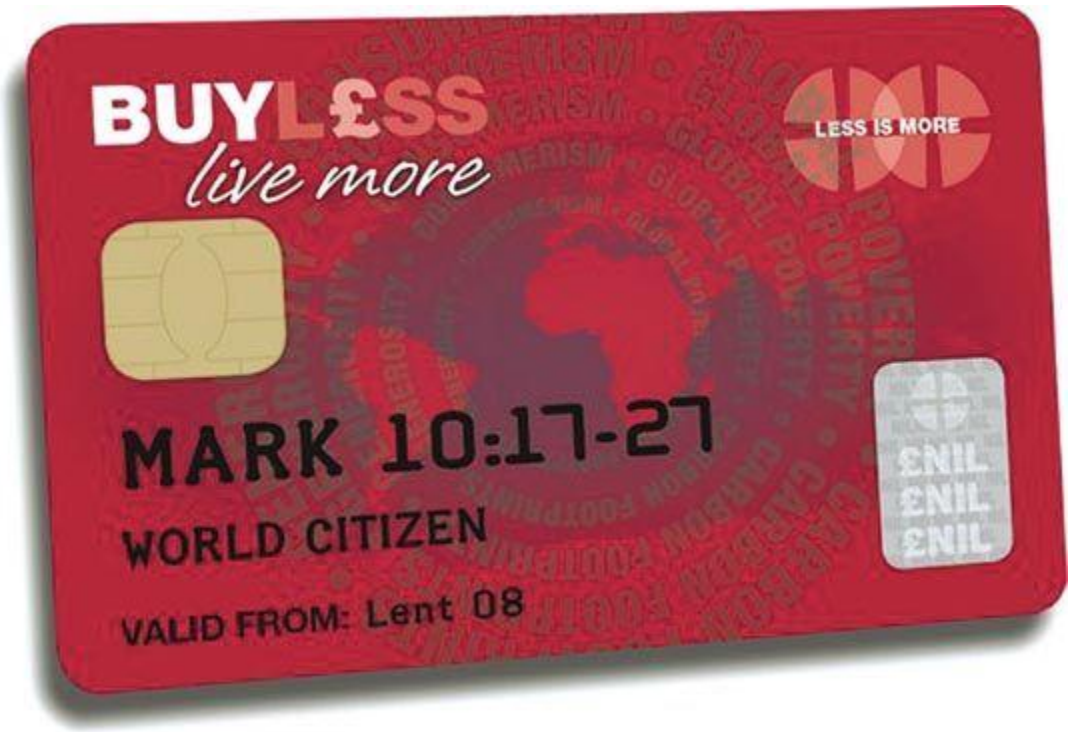











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EFFICIENCY NEW BRUNSWICK PRESENTS THE PREMIERE OF

'BUILD IT BETTER' ON ROGERS TV

Date: Friday, January 8th, 2010 from 11 AM to 1 PM

Location: Delta Fredericton
225 Woodstock Rd, Fredericton, NB

RSVP by January 4th, 2009 to shaun.leblanc@rci.rogers.com or 506.388.8430

efficiency NB
efficacité



Efficiency New Brunswick's 'Build it Better' will explore the options available to New Brunswickers to reduce green house emissions and how building 'green' will impact cost savings in the long term.

Starting January 11th on Rogers TV
Build it Better - Sundays @ 9:30 PM
Mondays & Wednesdays @ 7 PM

ROGERS TV

New Nouveau Brunswick
Be...in this place • Être...ici on le peut

ROGERS

Obligation to Each Other





Obligation to Rest of Nature

We are now faced with the fact that tomorrow is today.

We are confronted with the fierce urgency of now.

Over the bleached bones and jumbled residue of numerous civilizations are written the pathetic words: “Too late.”

Martin Luther King, April 4, 1967, Riverside Church New York City

We can’t depend on the next generation.
The next generation depends on us.

