

Emergency Response Now



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THE CITY OF
Edmonton

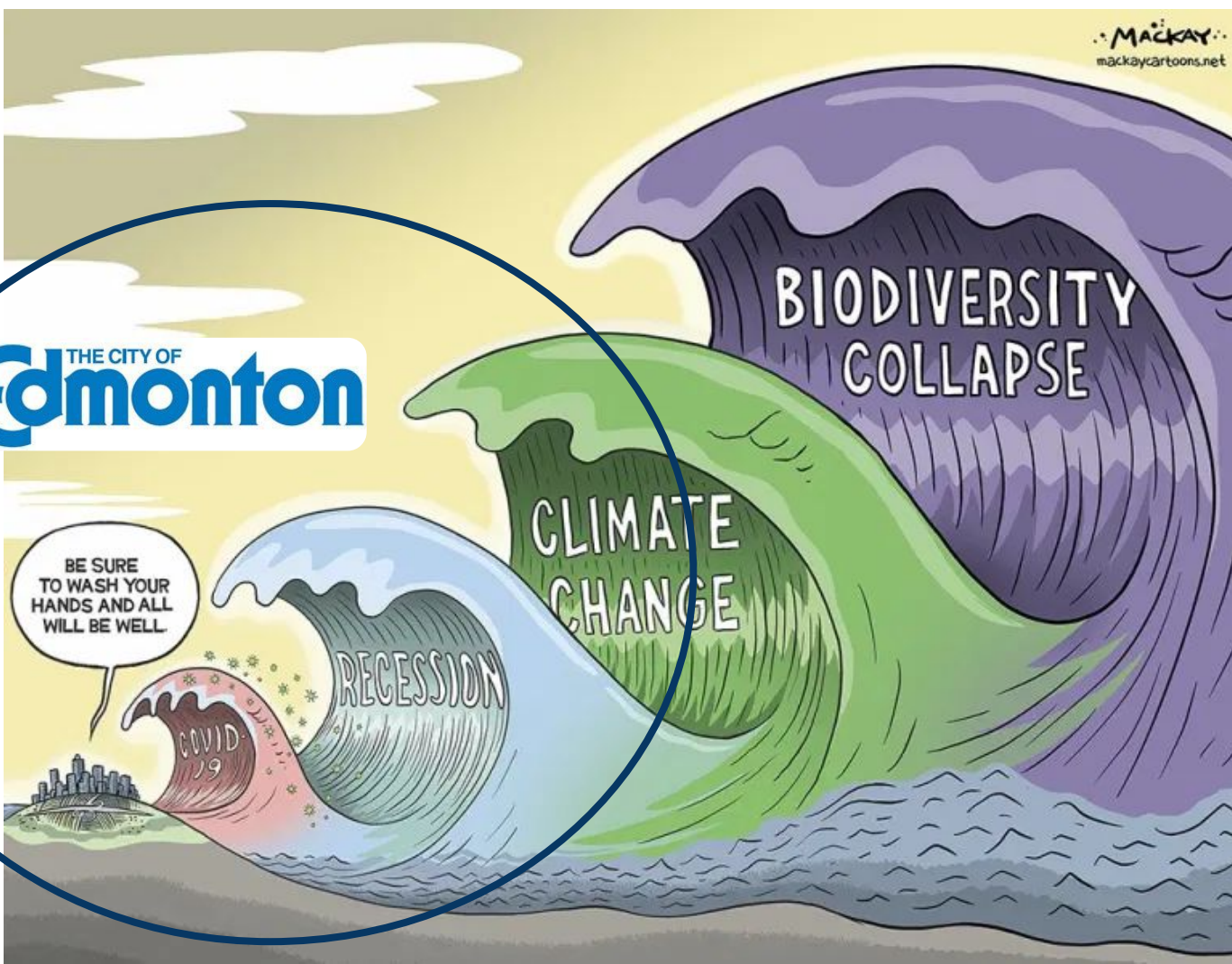
BE SURE
TO WASH YOUR
HANDS AND ALL
WILL BE WELL.

RECESSION

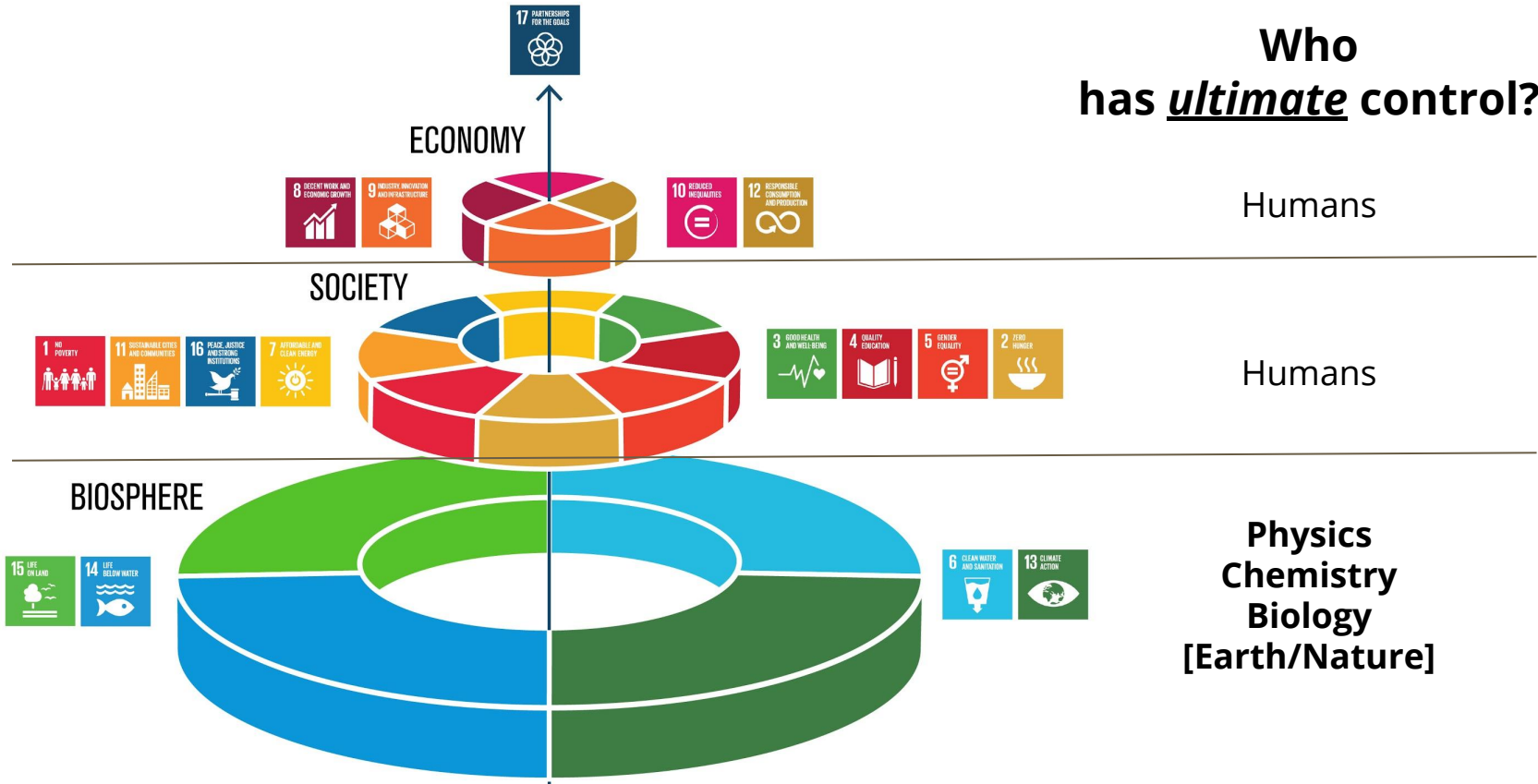
COVID-19

CLIMATE
CHANGE

BIODIVERSITY
COLLAPSE



Who has ultimate control?



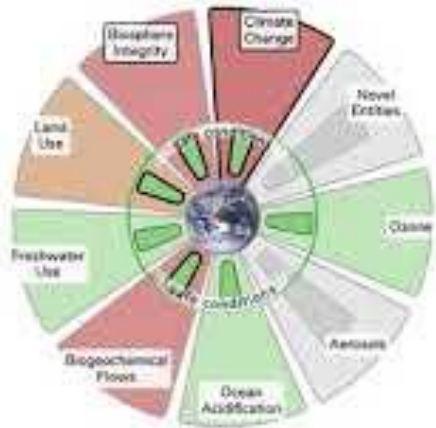
Humans

Humans

Physics
Chemistry
Biology
[Earth/Nature]

Council MUST work at the systems level

Planetary Boundaries



Show Legend



Climate Change

Back to Main

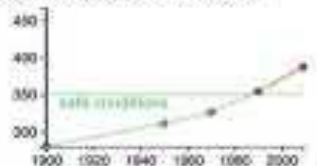
Overview Process Connections Curriculum

All other Earth-system processes are affected by changes to the global climate, including temperature, weather patterns, and more. This is what makes climate change one of the [core processes](#).

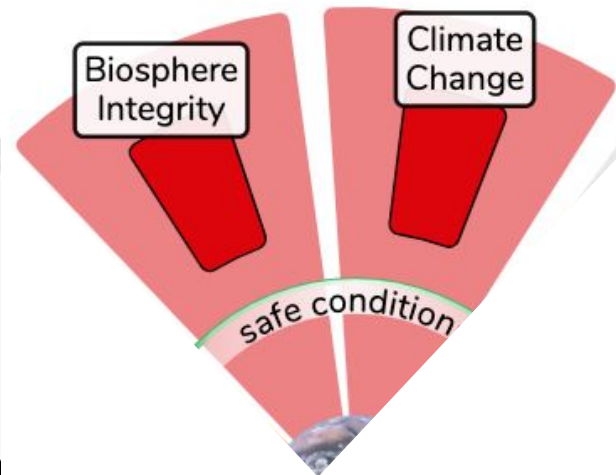
Control variables

- Mean atmospheric CO₂ concentration
- Energy imbalance at top of atmosphere

Mean atmospheric CO₂ concentration (ppm)

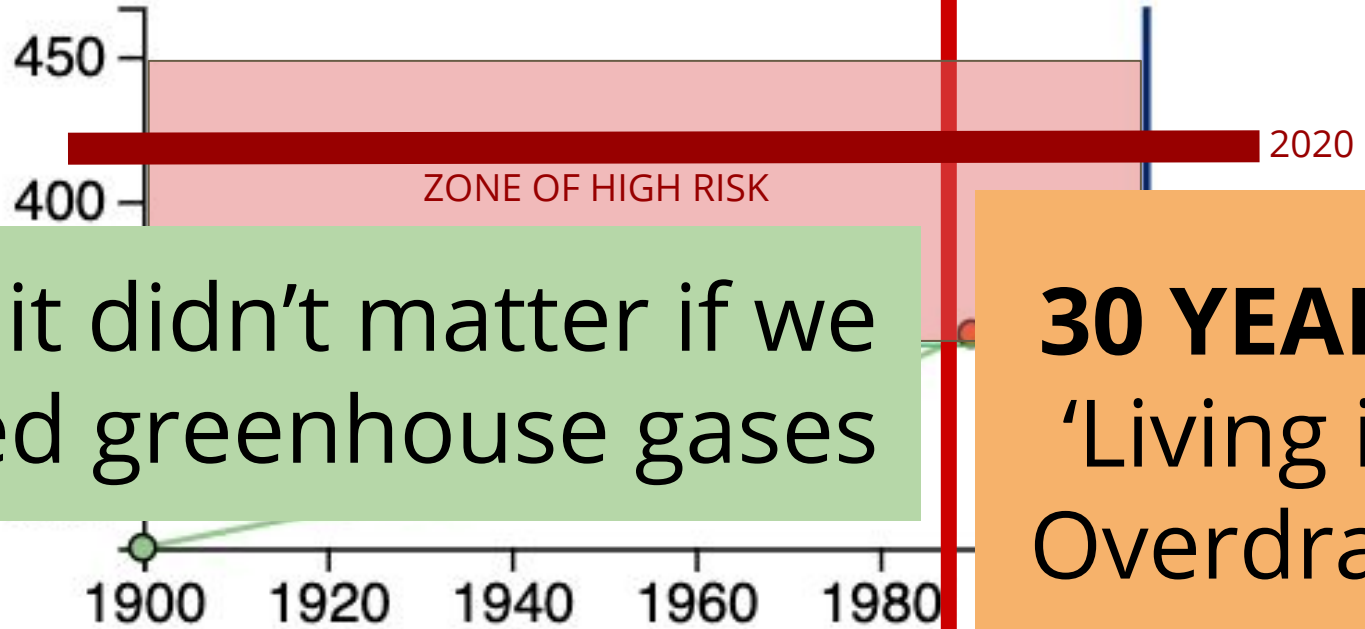


The climate change process is monitored using carbon dioxide concentrations in the atmosphere; CO₂ is the most important of the greenhouse gases.



Human Activity's Impact on the Earth System

Mean atmospheric CO₂ concentration (ppm)



The Point of a Carbon Budget - We Need It NOW

1.5 years later ...



WORK Like This Is

**We ~~Declare~~
A Climate
Emergency**

August 27, 2019



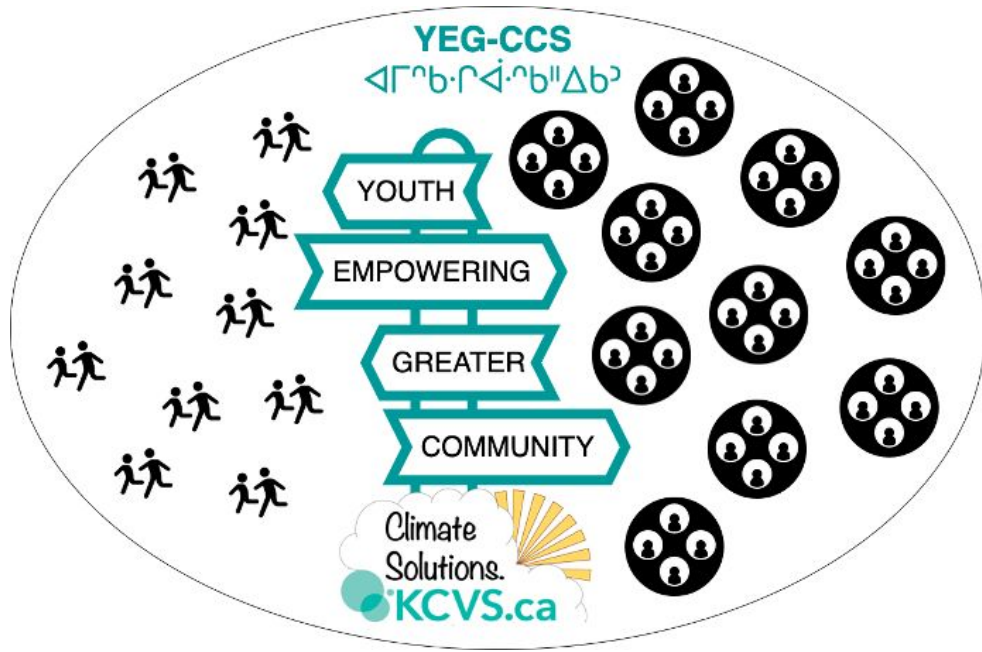
2040

The environment we have known, the weather, the external conditions, will be NOTHING like what we have grown up with.

Will you make it something good?



What's YOUR 2040? We must lead there NOW.



PLEASE

Carbon Budget NOW

Full funding for Accelerated Actions

More & better bike paths for families

15-minute neighbourhoods *with food*

Center climate AND biodiversity in all conversations and decisions

Support constituent education on climate, biodiversity, justice & equity

DRAWDOWN ALBERTA

Programs To Support Your Constituents