

CLIMATE EMISSIONS & PLANETARY BOUNDARIES: WHAT HAPPENS IF MAJOR EMITTERS DO NOTHING?


Canada emits about 2% of global greenhouse gas emissions.
But what if many countries at this level took no climate action?

1 THE TOP 3 EMITTERS (NOT 2% EACH)

Global emissions are dominated by a few countries:

 **China** **31%** of global emissions

 **United States** **14%** of global emissions

 **India** **7%** of global emissions

Top 3 Total = 52%
More than half of global emissions!



2 HOW MANY COUNTRIES EMIT 1 – 3% EACH?

There are **14 countries** that each emit between **1% and 3%** of global emissions.



These **14 countries = 27%** of global emissions

WHAT IF THESE COUNTRIES DID NOTHING?

If the **Top 3** emitters (52%) and the **14 countries** at 1–3% each (27%) all took no climate action,

 that's **79%** of global emissions with no effort to reduce.

This would dramatically increase pressure on the planetary boundaries and make it much harder to avoid dangerous climate change.








IMPACT ON PLANETARY BOUNDARIES

The more emissions continue, the more we push Earth systems beyond safe limits.



With **79%** of emissions unchanged, we risk:

-  **Climate Change:** Temperatures rise rapidly
-  **Biosphere Loss:** Species extinctions accelerate
-  **Ocean Change:** Warming & acidification worsen
-  **Land & Water Stress:** Droughts, crop losses increase
-  **Tipping Points:** Higher chance of irreversible shifts



TAKEAWAY:

Canada's 2% may seem small, but many countries at this level add up fast.
If the top emitters and all 1–3% emitters do nothing, we risk pushing Earth far beyond safe planetary boundaries.

