## **Human Emissions - Volumes**

The simplistic, unscientific All CO<sub>2</sub>, All the Time (ACO<sub>2</sub>AT) narrative says that humanity's emissions are almost entirely responsible for the 1.07 °C warming (based on the **IPCC's 2021 AR6 SPM Report)** since the pre-industrial era (1850). That notion glosses over a few important facts.

- **Temperatures started warming** out of the Little Ice Age (LIA) centuries before human emissions were a factor (definitely matural).
- 2. Over 86% of humanity's emissions occurred post-1950.

3. Roughly half of the 1.07 C temperature rise occurred pre-1950 (i.e.: mostly natural). This slide is focused on the emission story. The post will then transition to some discussion on temperatures

Human CO<sub>2</sub> **Emission** Volumes

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"Climate Change" existential threat is right around the corner. Do the Research!

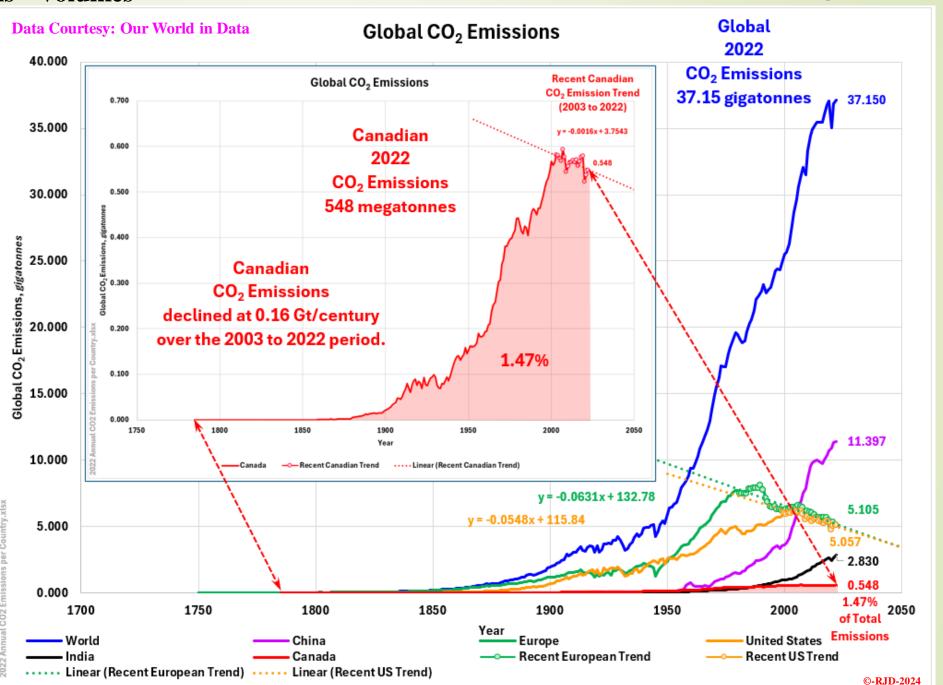
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and atmospheric CO<sub>2</sub> concentrations. **Our emissions have** definitely increased substantially. China

Leads the pack at 11.4 Gt/year (30.7%). The top 4 emitters (China, Europe, US and India) combine for 24.4 Gt/year (65.7%). Canada comes in at 0.55 Gt/year (1.47%) with a shallow decline since 2003. China and India are rising much faster than the US and Europe are declining. Emissions are still climbing sharply (the 2020 COVID dip notwithstanding) and will continue to rise.



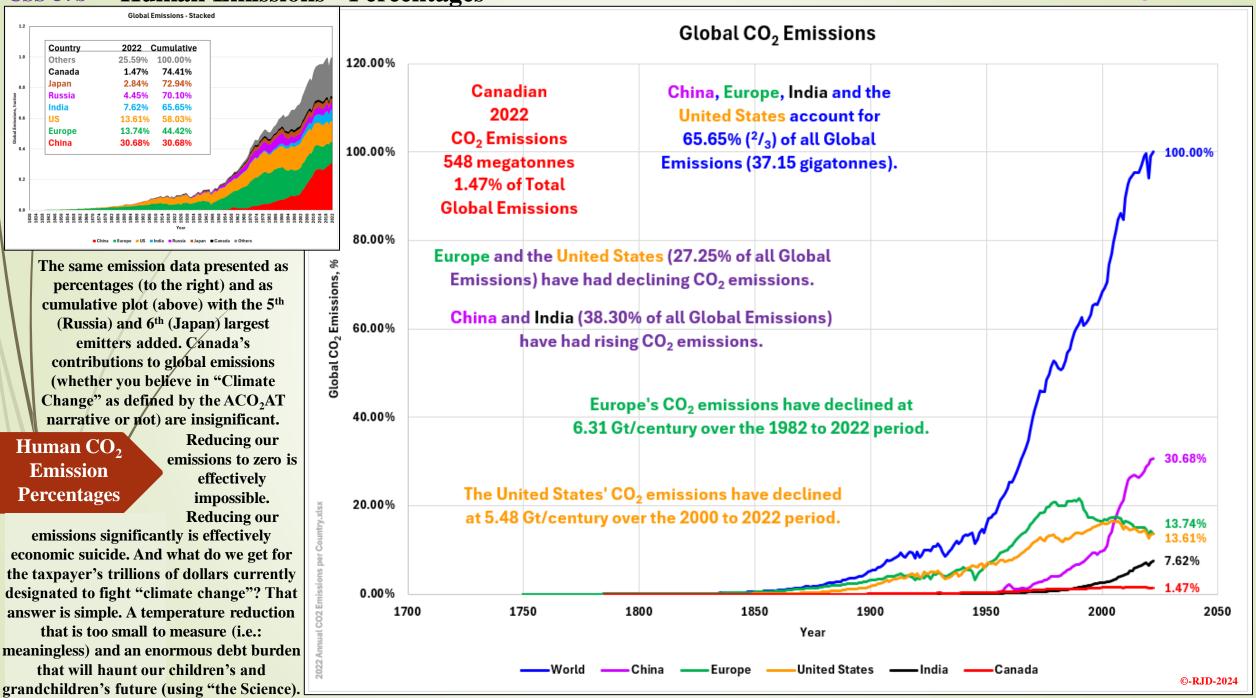
More detail? climatechangeandmusic.com



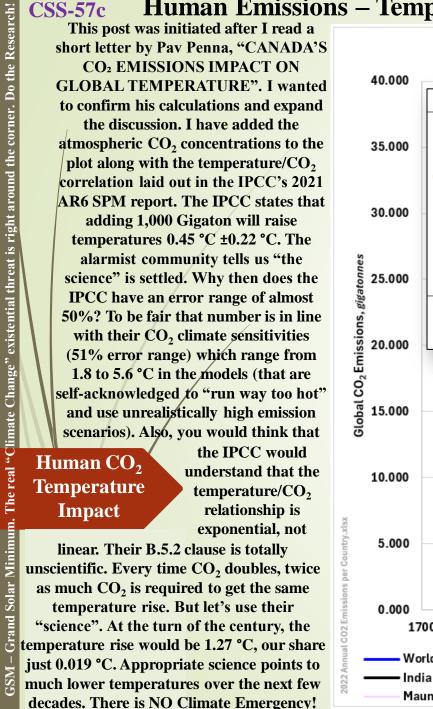
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## **Human Emissions – Temperature Impact**



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