

Appendix

[from "Global Warming Awareness, Climate Change Awareness, and Climate Emergency Action A Survey: 1961-2020" (240 highlights from reports, articles, books, etc.) (p. 311-316) by Stefan Pasti, The Community Peacebuilding and Cultural Sustainability Initiative (www.cpcsi.org)]
<https://bit.ly/3ns4Hlc>

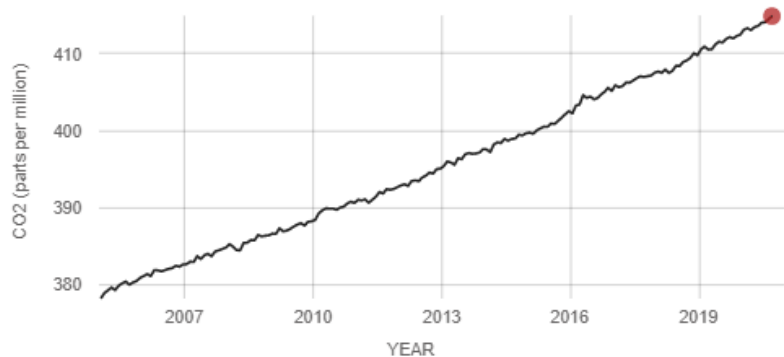
Quick Reference to Key Graphs and Charts

(on 8" x 14" page layout)

1. The amount of CO₂ in the atmosphere is not decreasing, or leveling off as in reaching a peak, it is still rising.

DIRECT MEASUREMENTS: 2005-PRESENT

Data source: Monthly measurements (average seasonal cycle removed). Credit: NOAA



Click+drag to zoom

Get Data: [FTP](#) | Snapshot: [PNG](#)

[From the webpage titled "Facts" in the subsection titled "Carbon Dioxide" at the website for the National Aeronautics and Space Administration (see <https://climate.nasa.gov/vital-signs/carbon-dioxide/>)]

2. We have left the 10,000-year climate "safe zone" that gave rise to human civilization.

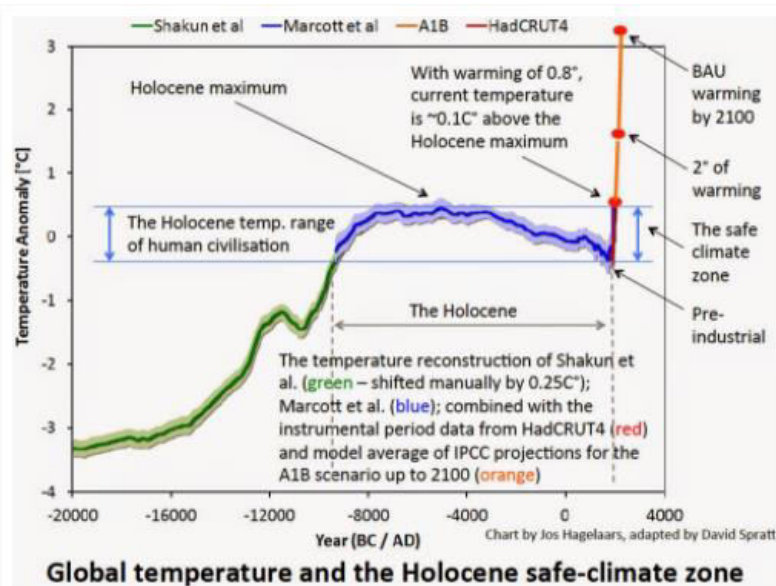


Figure 2: Past and future global temperature and the safe-climate zone

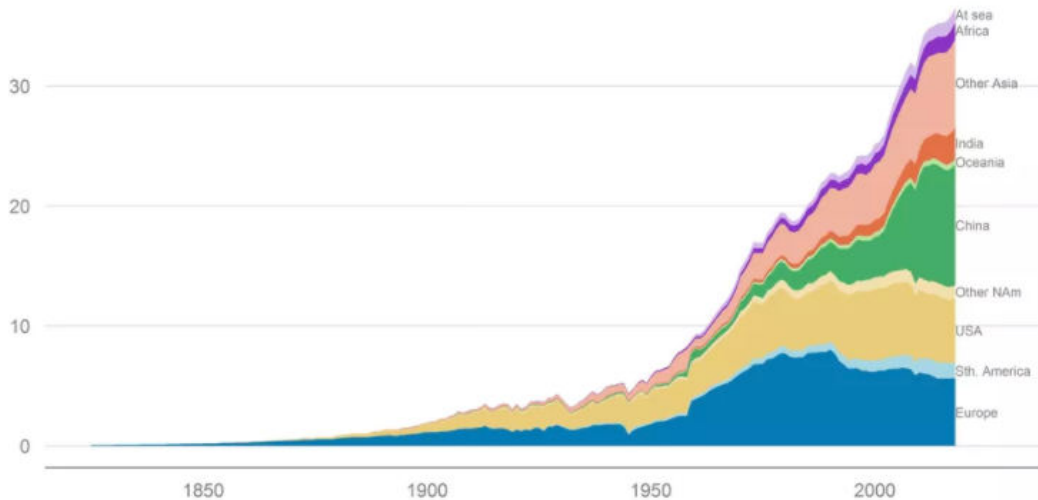
[From article "The real budgetary emergency and the myth of "burnable carbon"" (David Spratt) (May 22, 2014) at <http://www.climatecodered.org/2014/05/the-real-budgetary-emergency-burnable.html>]

3. While it has taken approximately 170 years to get to this point...

Exhibit 4:

Annual carbon emissions, by region

In billions of tonnes of CO₂, 1825-2018

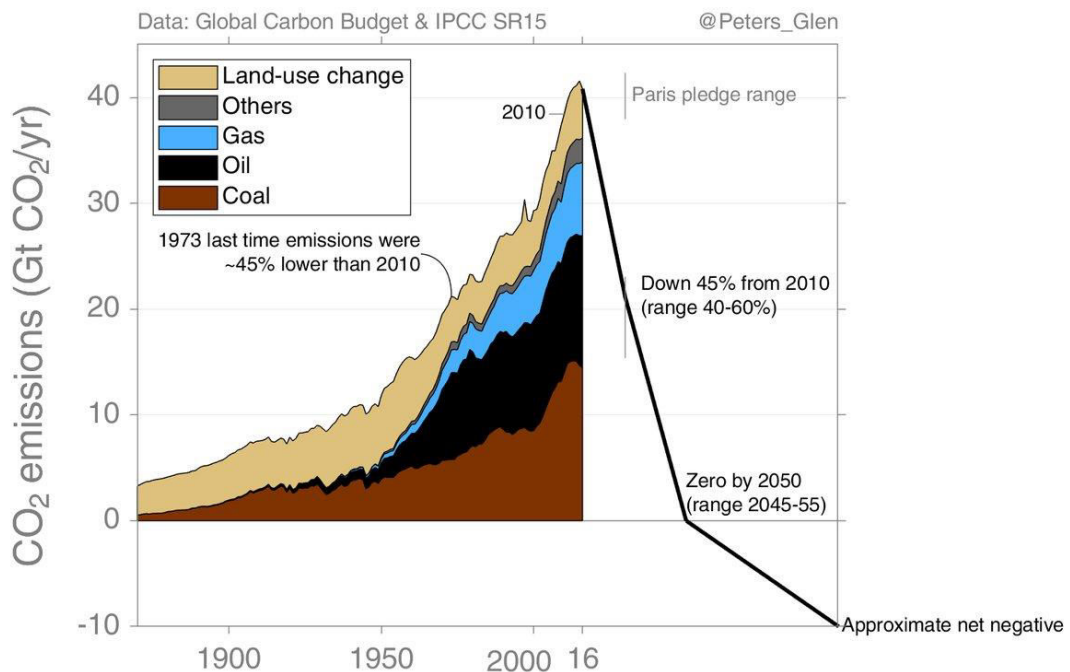


Source: Carbon Dioxide Information Analysis Center (CDIAC), Global Carbon Project (GCP)

Morgan Stanley

[From article "What's causing climate change, in 10 charts: Different ways of looking at the problem." (David Roberts) (October, 2020) at the website Vox (at <https://www.vox.com/energy-and-environment/21428525/climate-change-cause-charts-china-us-responsible>)]

4. ... we now have less than 20 years (due to increasing concerns about negative tipping points) to get to Zero Carbon.

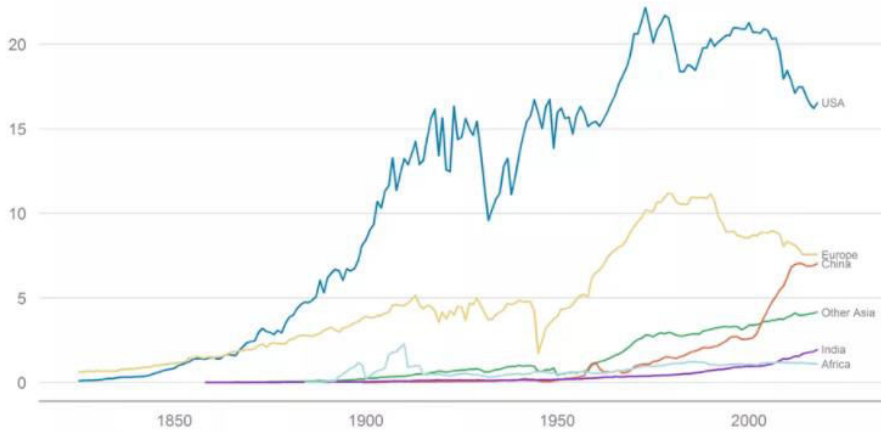


[From a tweet by Glen Peters @Peters_Glen (October 12, 2018) on the Twitter Platform (at https://twitter.com/Peters_Glen/status/1050651292178075648)]

[Note: from Glen Peters Twitter Profile: "Research Director at @CICERO_klima (Center for International Climate Research-- Oslo, Norway) on past, current, & future trends in energy use & GHG emissions."]

7. Some ways of life contribute more to Greenhouse Gas Emissions than others....

Exhibit 10:

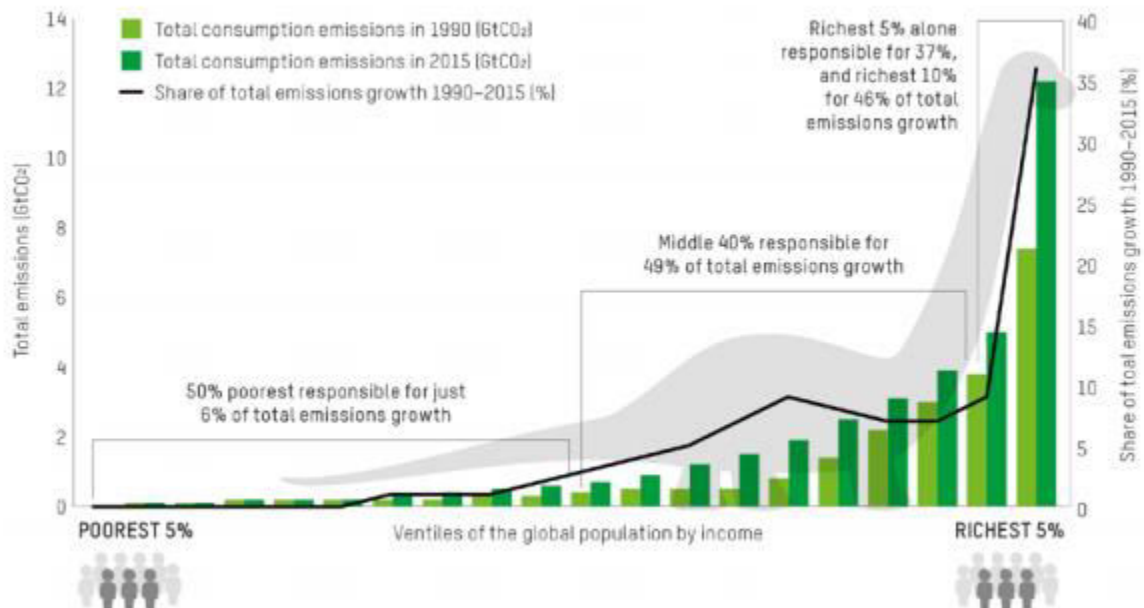
Per capita carbon emissionsAverage emissions per head, in tonnes of CO₂, 1825-2018

Source: Carbon Dioxide Information Analysis Center (CDIAC), Global Carbon Project (GCP), Gapminder

Morgan Stanley

[From article “What’s causing climate change, in 10 charts: Different ways of looking at the problem.” (David Roberts) (October, 2020) at the website Vox (at <https://www.vox.com/energy-and-environment/21428525/climate-change-cause-charts-china-us-responsible>)]

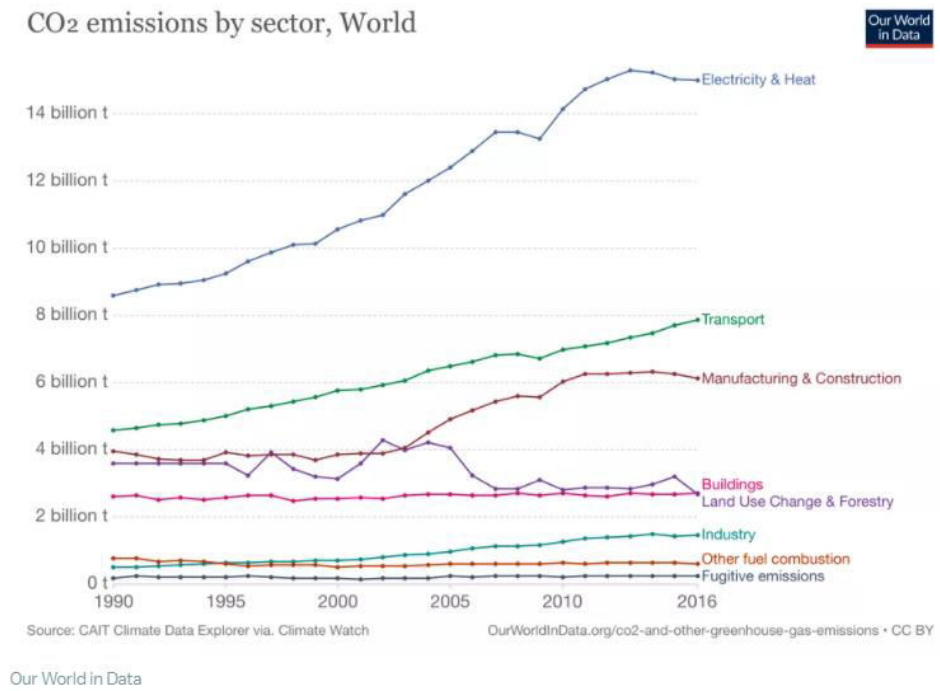
8. ... and some less.

Figure 2: The 'dinosaur graph' of unequal carbon emissions growth 1990-2015

[From Media Briefing “Confronting Carbon Inequality: Putting climate justice at the heart of the COVID-19 recovery” by Tim Gore (September 21, 2020) at the website for Oxfam (at <https://www.oxfam.org/en/research/confronting-carbon-inequality>) (where pdf file can be downloaded) (direct access to pdf file at <https://oxfamilibrary.openrepository.com/bitstream/handle/10546/621052/mb-confronting-carbon-inequality-210920-en.pdf>)]

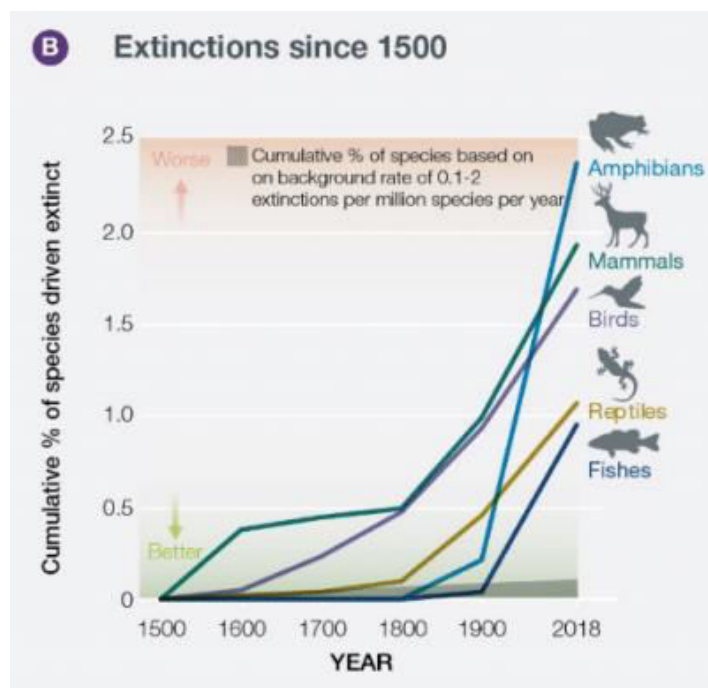
9. Some sectors are driving emissions more than others...

This chart from Our World in Data makes it even clearer that, globally, the rising demand for electricity and heating is the main driver of emissions, with transport rising at a distant second.



[From article “What’s causing climate change, in 10 charts: Different ways of looking at the problem.” (David Roberts) (October, 2020) at the website Vox (at <https://www.vox.com/energy-and-environment/21428525/climate-change-cause-charts-china-us-responsible>)]

10. ... and there are consequences for many living beings (not just human beings).



[from “Summary for Policymakers IPBES Global Assessment” by Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (May, 2019) (at https://ipbes.net/sites/default/files/2020-02/ipbes_global_assessment_report_summary_for_policymakers_en.pdf (p. 26))]

11. However, all readers of this paper have to do is think of what kind of difficulties we may, or will, face in the unprecedented cultural transformation ahead of us... and it will dawn upon them how much they will be hoping that the people they need to cooperate with in their local community have been inspired--somehow--to think carefully, act honestly, work diligently, and have compassion for their fellow human beings, as best they can, in all of the everyday circumstances of community life.
