



Sustainability and ICT: Impacts and state of problems, and finding our ways forward

Tina Ringenson

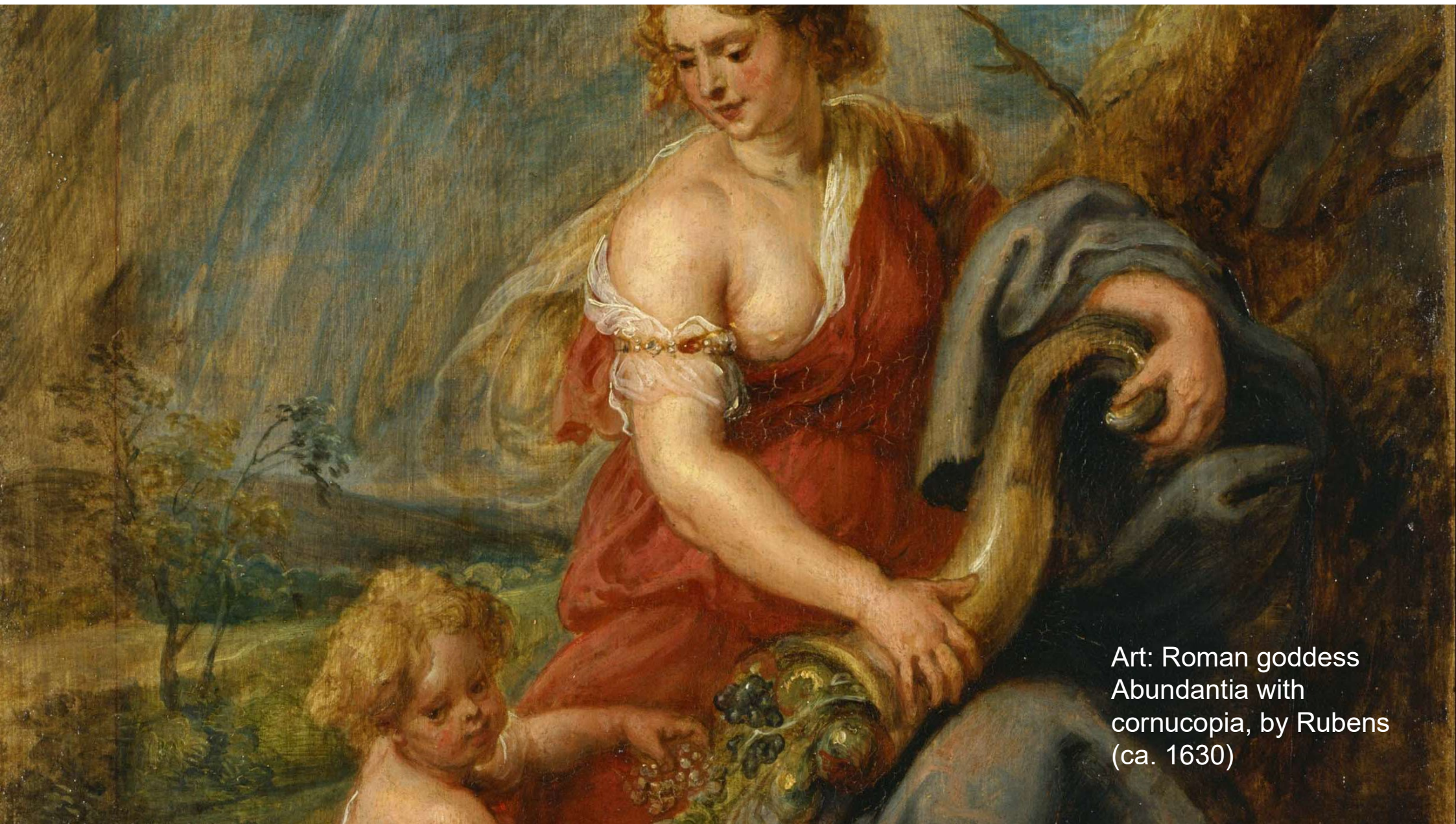
2022-08-29



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Photo: Maurício Mascaro/Pexels



Art: Roman goddess
Abundantia with
cornucopia, by Rubens
(ca. 1630)



Art: Mistra SAMS/KTH



Photo: Paul Volkmer/Pexels

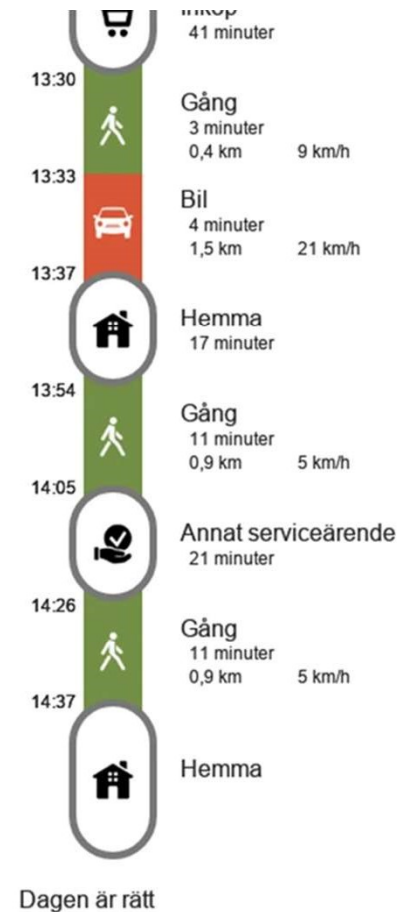




Photo: Mistra SAMS/KTH

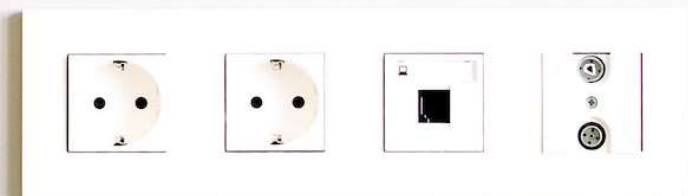


Photo: La Miko/Pexels





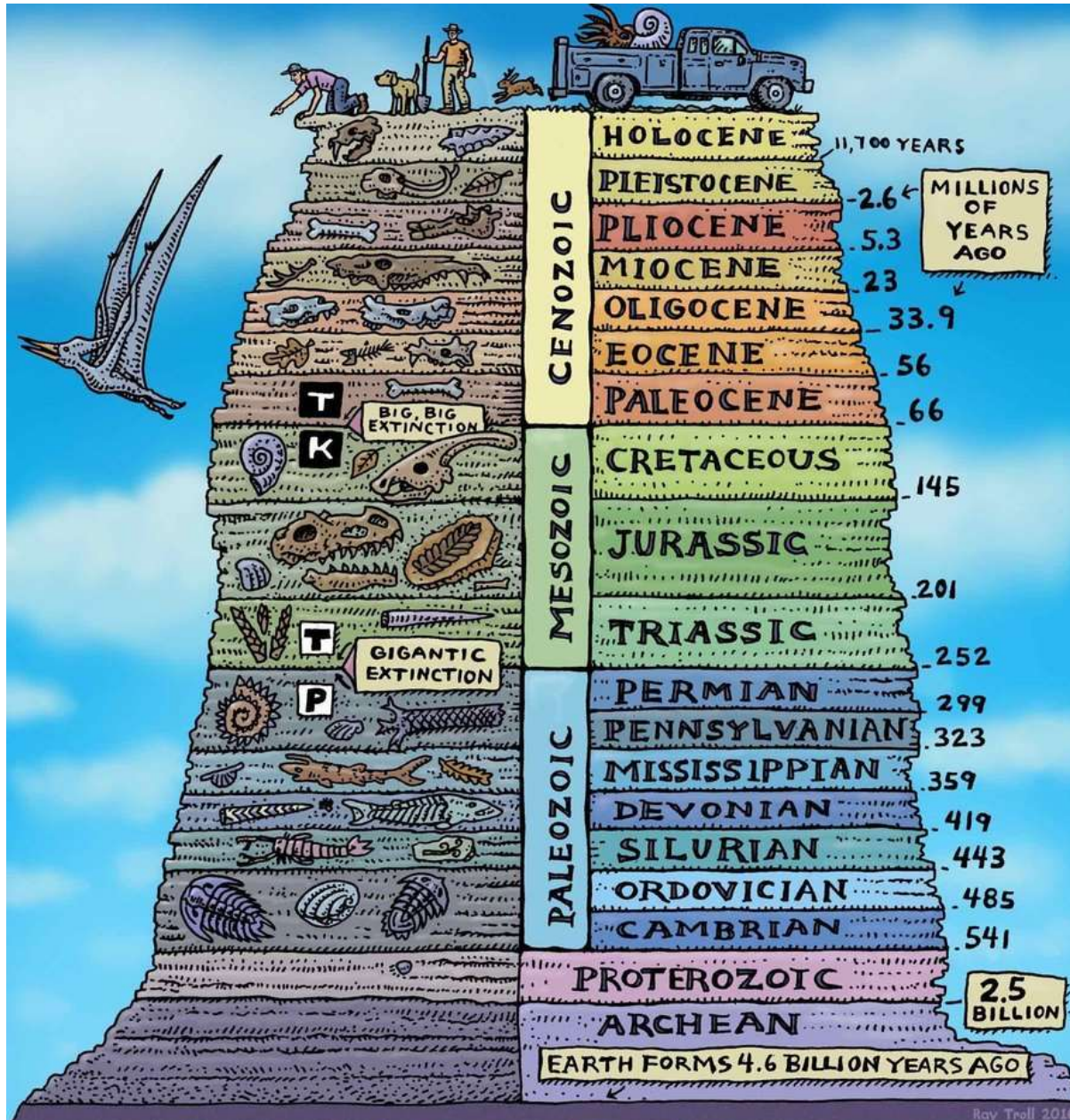
Photo: NCC



Photo: Muntaka Chusant

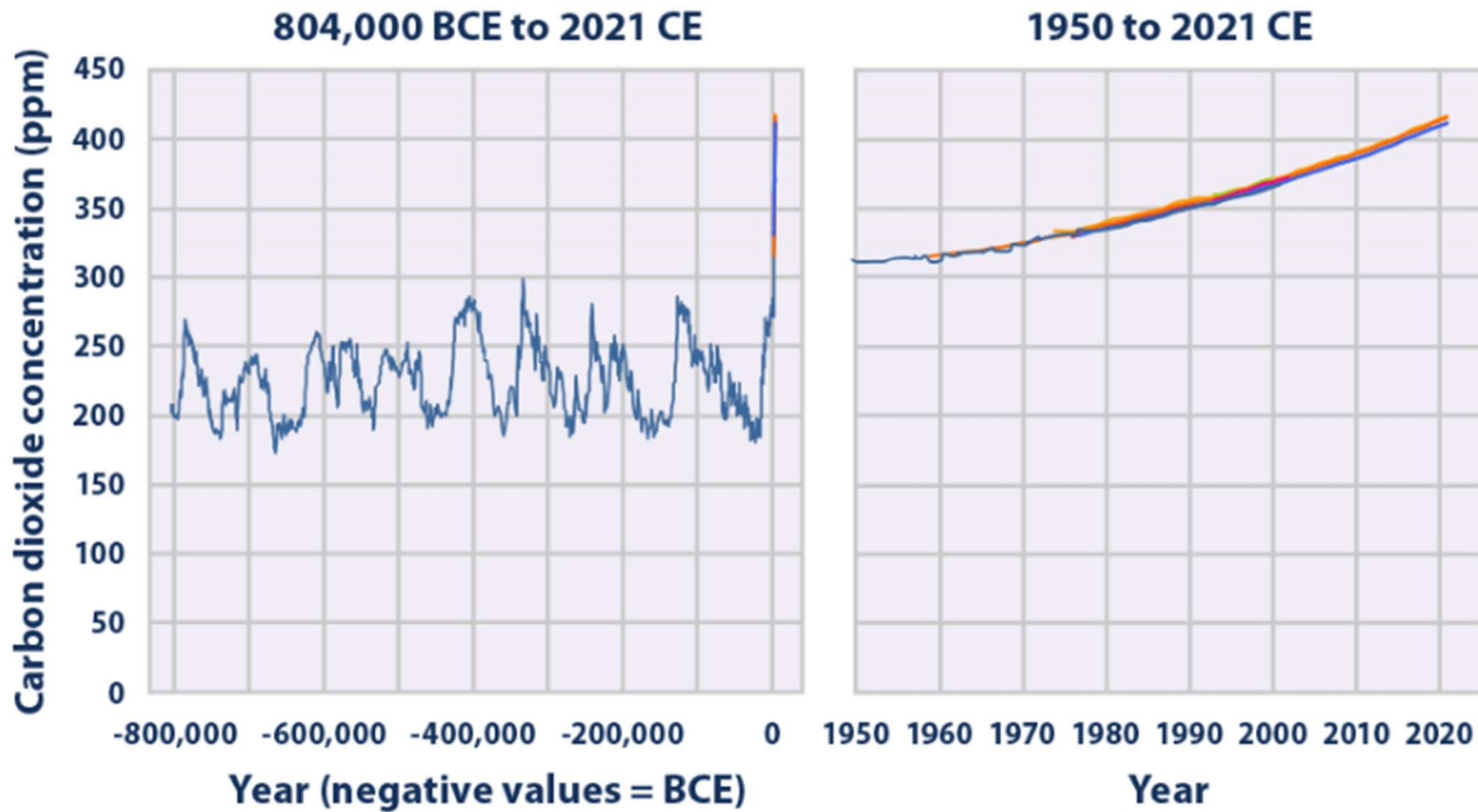


Photo: Fairphone.com

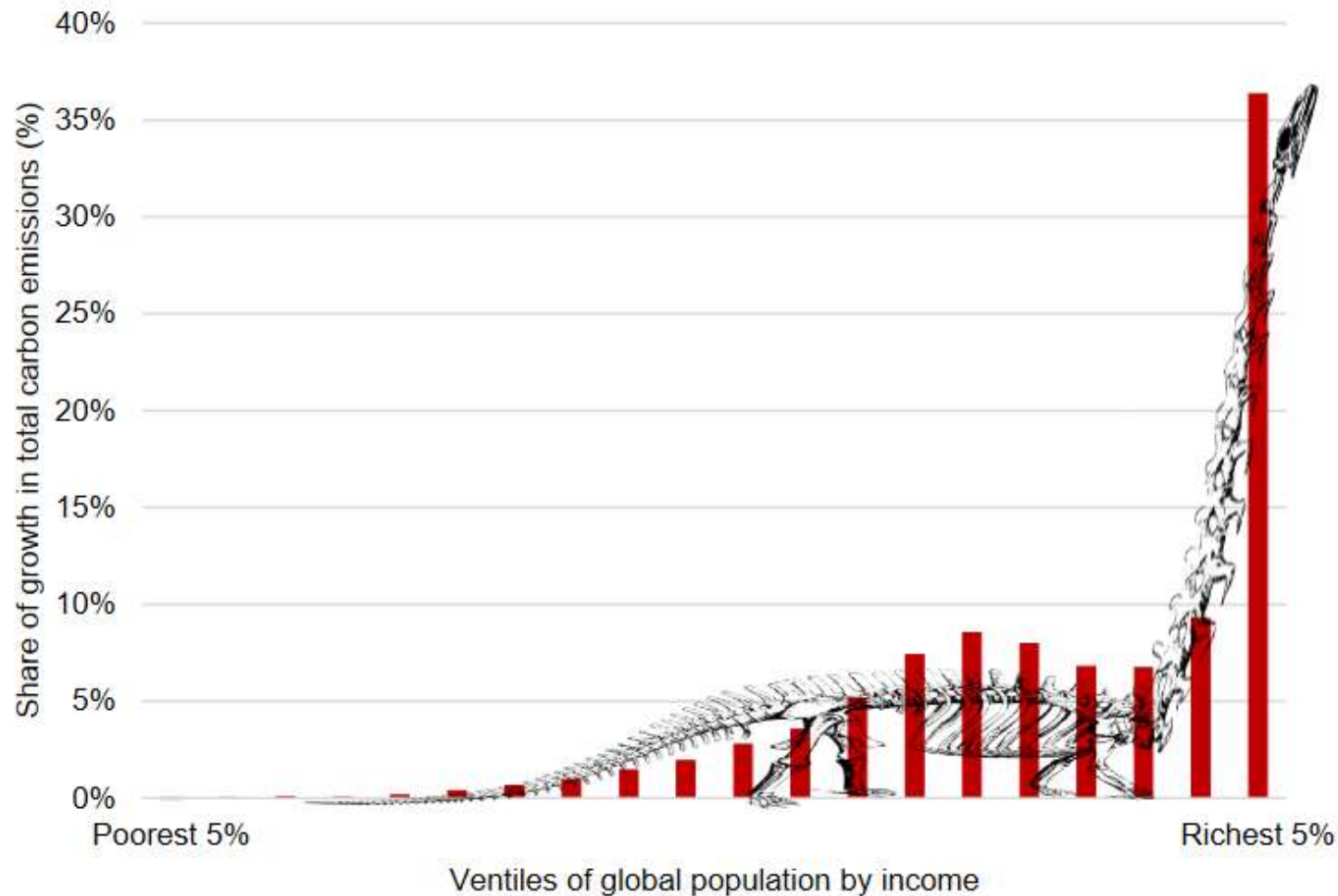


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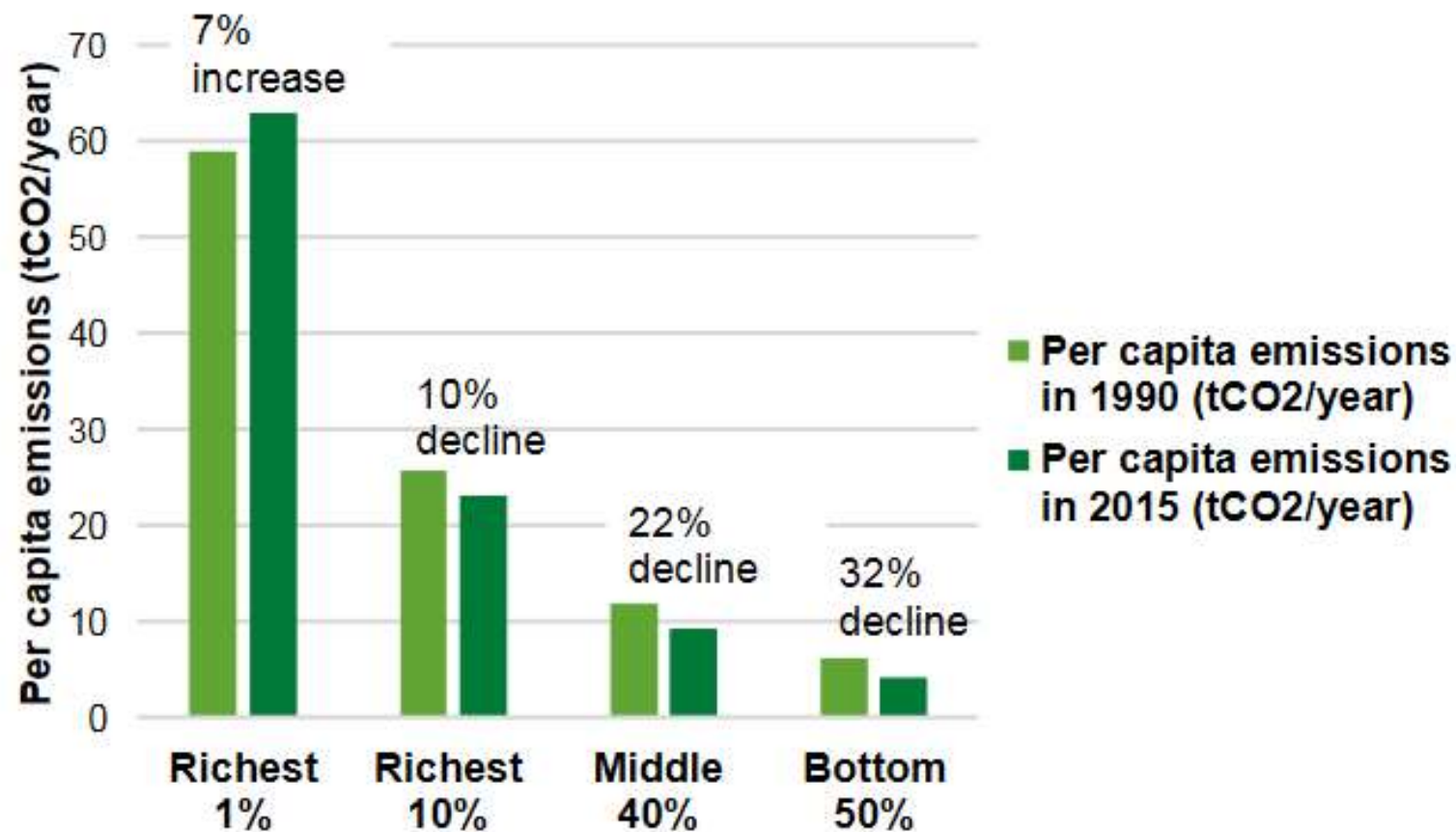
Art by: Ray Troll



Global Atmospheric Concentrations of Carbon Dioxide Over Time.
Source: USA Environmental Protection Agency



The carbon inequality 'dinosaur' of cumulative CO2 emissions growth from 1990 to 2015.
Source: Kartha et al. (2020) The Carbon Inequality Era (Oxfam report)



Per capita consumption emissions (tCO₂/year) by EU income group in 1990 and 2015
Source: Gore & Alestig (2020) Confronting carbon inequality in the European Union (Oxfam report)



Art by: Sean Bod



Art AI generated by @HydroponicTrash/Twitter



Image idea by:
Ayana Elizabeth Johnson
Instagram: @climatevenn



Sources/Read more

Kartha et al. (2020) The Carbon Inequality Era (Oxfam report)

Gore & Alestig (2020) Confronting carbon inequality in the European Union (Oxfam report)

Freitag, C., Berners-Lee, M., Widdicks, K., Knowles, B., Blair, G.S., Friday, A. (2021) The real climate and transformative impact of ICT: A critique of estimates, trends, and regulations, Patterns, Volume 2, Issue 9.