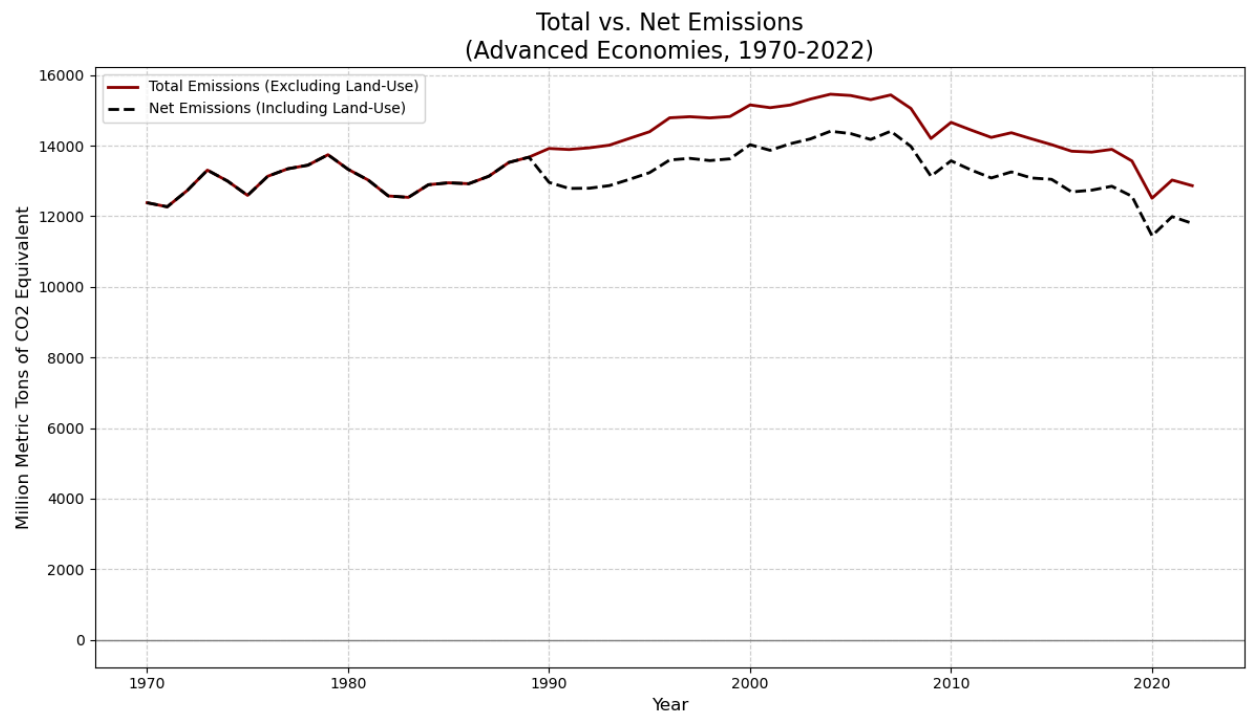
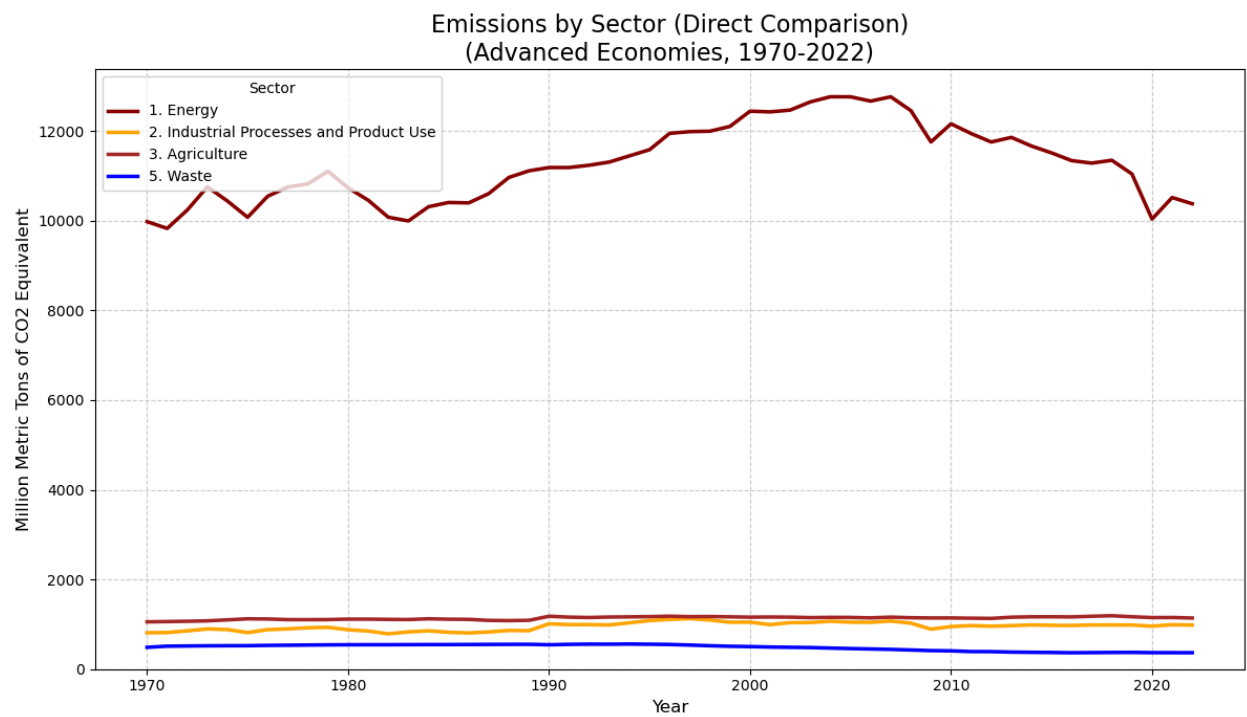
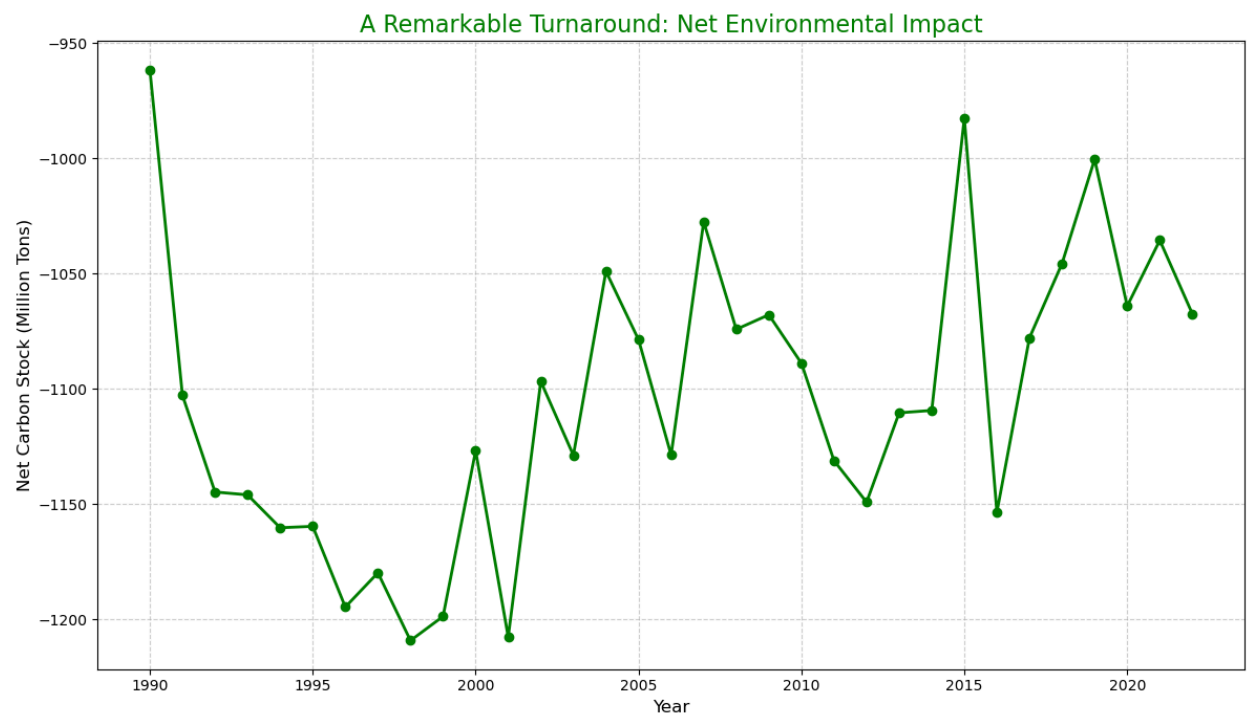
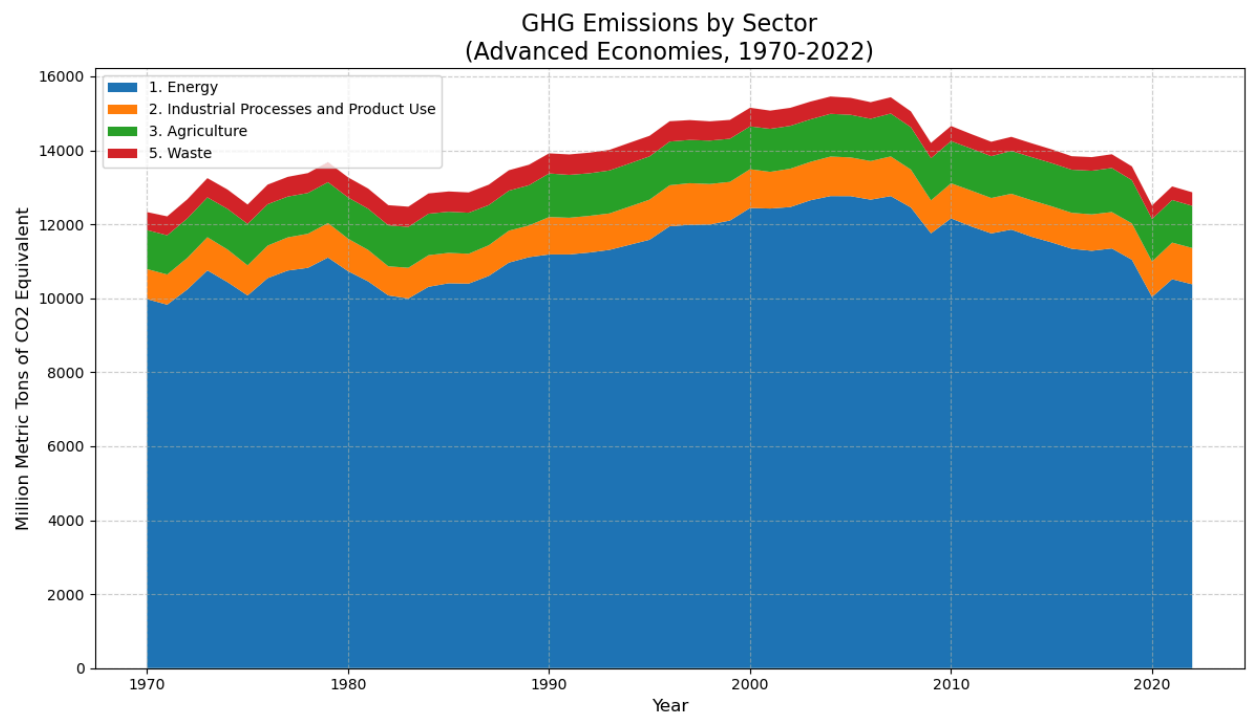


Honest Plots 1 and 2



Deceitful Plots 1 and 2



Honest Proposition 1: Energy has been, and continues to be, the single largest contributor or CO₂ from 1970 till now.

- Honest Plot 1 is a simple depiction of the amount of CO₂ emitted from 4 categories chosen from the data set. The categories are Energy, industrial processes and product use, water, and lastly waste.

Honest Proposition 2: While the “land sink” helps alleviate some of the CO₂ emitted, it does not provide any meaningful relief for the CO₂ emissions caused by society

- Honest plot 2 simply depicts the total CO₂ emitted by countries with advanced economies as well as the amount of CO₂ absorbed by land (trees, grass, and other vegetation) in those countries.

Deceitful Proposition 1: Energy is not the largest emitter of CO₂, waste is.

- Deceitful plot 1 shows the total amount of emissions across the 5 categories selected from the emissions data set. The proposition here is that energy is the lowest emitter of CO₂. The thickness of the bands indicates how much that category is committing to the CO₂ total. The deceptive technique here is that the entire shape on the graph is actually just a summation of all the CO₂ emissions across the 4 categories, however, stacking the bands on top of each other makes it seem like energy is the lowest emitter since it seemingly has the lowest y value.

Deceitful Proposition 2: The land sink is providing significant and effective relief to the total CO₂ emitted.

- Deceitful plot 2 shows ONLY the carbon that is absorbed by land (trees, grass, and other vegetation) in countries with advanced economies. The deception here comes from the fact that these values aren't being compared to anything. Leaving the reader with no context about total emissions makes it seem as though emissions are actually negative due to the y axis and we are not actively adding CO₂ in the atmosphere.

I will likely go with Honest Plot 1 and Deceitful plot 1 as it provides the most confusion while avoiding any cherry picking of data. It is also a direct comparison using the exact same data while still leading the reader to come to 2 completely opposite conclusions.