

## Data for a Green New Deal

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Before Christmas [I posted a blog on the Green New Deal](#) to which Joe Burlington posted some responses including a lot of data, which I appreciated. I asked him for sources as I felt that would be useful, and he provided them but I decided not to post them as I felt that their benefit will be lost over the holiday period. I do so now, as a blog in its own right, with thanks to Joe:

You requested sources for my post on Support for a Green New Deal grows:

**Climate dangers:** The 24th United Nations climate summit comes amid growing warnings about the catastrophic danger climate change poses to the world. In October, the U.N. Intergovernmental Panel on Climate Change warned that humanity has only a dozen years to mitigate climate change or face global catastrophe—with severe droughts, floods, sea level rise and extreme heat set to cause mass displacement and poverty. ... New studies show global carbon emissions may have risen as much 3.7 percent in 2018, marking the second annual increase in a row

[https://www.democracynow.org/2017/11/15/scientist\\_kevin\\_anderson\\_our\\_socio\\_economic](https://www.democracynow.org/2017/11/15/scientist_kevin_anderson_our_socio_economic)

**Climate Change:** Atmospheric Carbon Dioxide Rebecca Lindsey US Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) Atmospheric Carbon Dioxide.

<https://www.climate.gov/news-features/understanding-climate/climate-change-atmospheric-carbon-dioxide>

**Stabilisation targets** — pages 3 & 4

<https://www.nationalacademies.org/includes/StabilizationTargetsFinal.pdf> 10% produce 50% of emissions and 20% produce 70%: Democracy Now! ac

@democracynow “We need to focus on the people who are actually emitting,” says scientist @KevinClimate. “That 20% of the global population are responsible for 70% of all global emissions tells us that we need to be tailoring our policies towards that small group.” And

[https://www.democracynow.org/2018/12/11/scientist\\_kevin\\_anderson\\_worlds\\_biggest\\_emitters](https://www.democracynow.org/2018/12/11/scientist_kevin_anderson_worlds_biggest_emitters)

<http://bright-green.org/2017/07/22/as-the-climate-clock-is-strikes-midnight-its-time-to-look-to-the-morning/> and

<https://policy-practice.oxfam.org.uk/publications/extreme-carbon-inequality-why-the-paris-climate-deal-must-put-the-poorest-lowes-582545>

**Extra runways:** Professor Kevin Anderson: “ [If] we carry on [flying], that means we’re sending a signal to the airports to expand—almost every airport in the world is expanding—to buy more planes. We are buying more and more planes. So we are locking in a high-carbon infrastructure.

[https://www.democracynow.org/2017/11/15/scientist\\_kevin\\_anderson\\_our\\_social\\_economic](https://www.democracynow.org/2017/11/15/scientist_kevin_anderson_our_social_economic) And

*[Flying is] probably-emblematically, it’s the most important activity that we pursue. The emissions are important. They’re 2 to 3 percent of world emissions, about the same as U.K., Germany or California, so a significant amount of emissions. But, actually, when we fly, we are locking in an industry that is very high-carbon, that there are no technical alternatives in the near to medium term to overcome that, so we remain high-carbon. And also, those of us who fly, generally, we also live very wealthy lives. We often use taxis. We live in big homes. We have quite large cars. We drive a lot. We consume a lot of goods. So, almost it’s emblematic. It captures the worst excesses in terms of our climate change impacts and also, indeed, border sustainability. And so, I think it’s important for people who work on climate change, who think it’s a really major issue, that we demonstrate that we believe in our own research by making some significant changes to how we operate our own lives.*

[https://www.democracynow.org/2018/12/11/scientist\\_kevin\\_anderson\\_worlds\\_biggest\\_emitters](https://www.democracynow.org/2018/12/11/scientist_kevin_anderson_worlds_biggest_emitters)

**The need for rationing:** Imagine in the 1940s if the elite binged on a huge food extravaganza whilst folk around them managed on a tight ration. That’s what Boeing are doing here whilst they & their morally bereft business passengers stick two fingers up to the rest of us. Kevin Anderson @KevinClimate

**Tradable Energy Quotas** (TEQs) <https://www.flemingpolicycentre.org.uk/teqs/>

**Housing:** My housing figures come from: Letter to The Observer, 16 September 2012  
The solution to the housing crisis is not unbridled planning ... the root of the housing crisis is inequality. There are 750,000 empty homes in Britain and about the same number of second homes. The top 250,000 households have eight or more rooms per person, while the average figure is 2.22 rooms per person and the median is 1.88. Officially 100,000 people in the UK are homeless (charities place the figure much higher)  
Dr Helen Mercer, Business School, University of Greenwich

**The need for degrowth:**

<https://www.resilience.org/stories/2018-11-21/the-limits-of-renewable-energy-and-the-case-for-degrowth/>