

colart

SUSTAINABILITY COFFEE MORNING



Earth Overshoot Day – what is it?

Earth Overshoot Day (EOD) is the calculated illustrative calendar date on which humanity's resource consumption for the year exceeds Earth's capacity to regenerate those resources that year. Earth Overshoot Day is calculated the following way:

$\text{world biocapacity} / \text{the world ecological footprint} * 365$

When viewed through an economic perspective, EOD represents the day in which humanity enters an ecological deficit spending. In ecology the term Earth Overshoot Day illustrates the level by which human population overshoots its environment. In 2019, Earth Overshoot Day is on July 29.

Progression of the dates

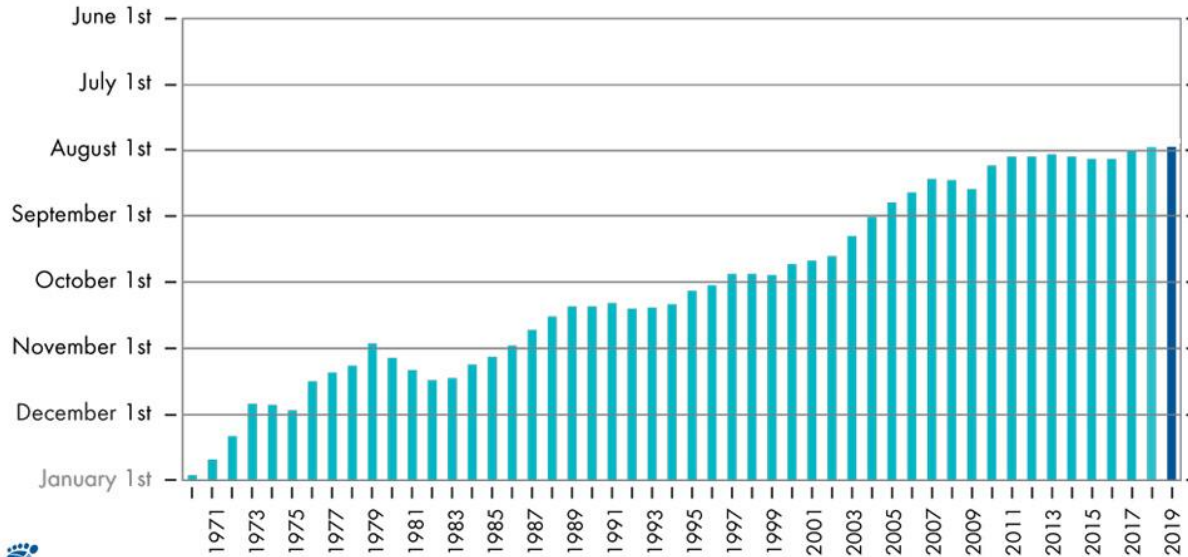


1 Earth

Earth Overshoot Day
1970-2019



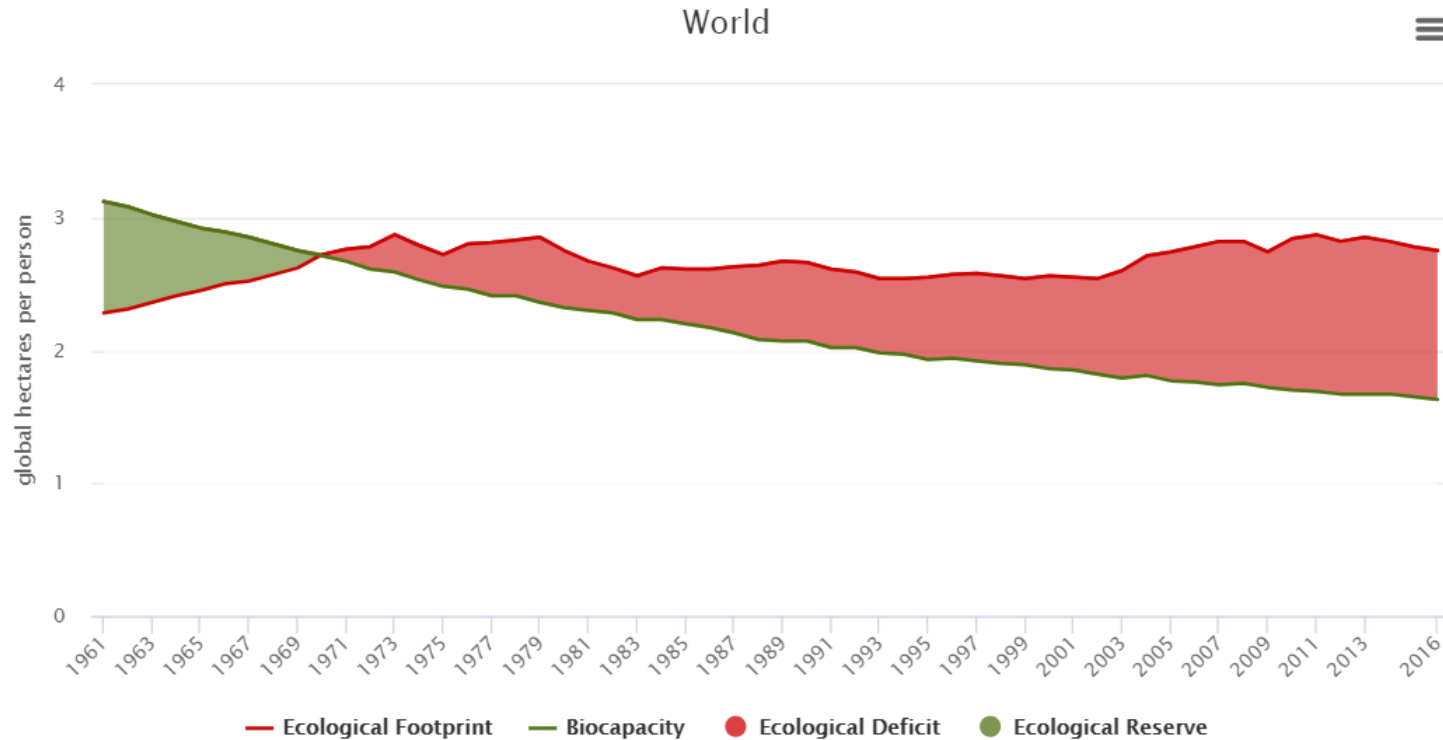
1.75 Earths



Source: Global Footprint Network National Footprint Accounts 2019



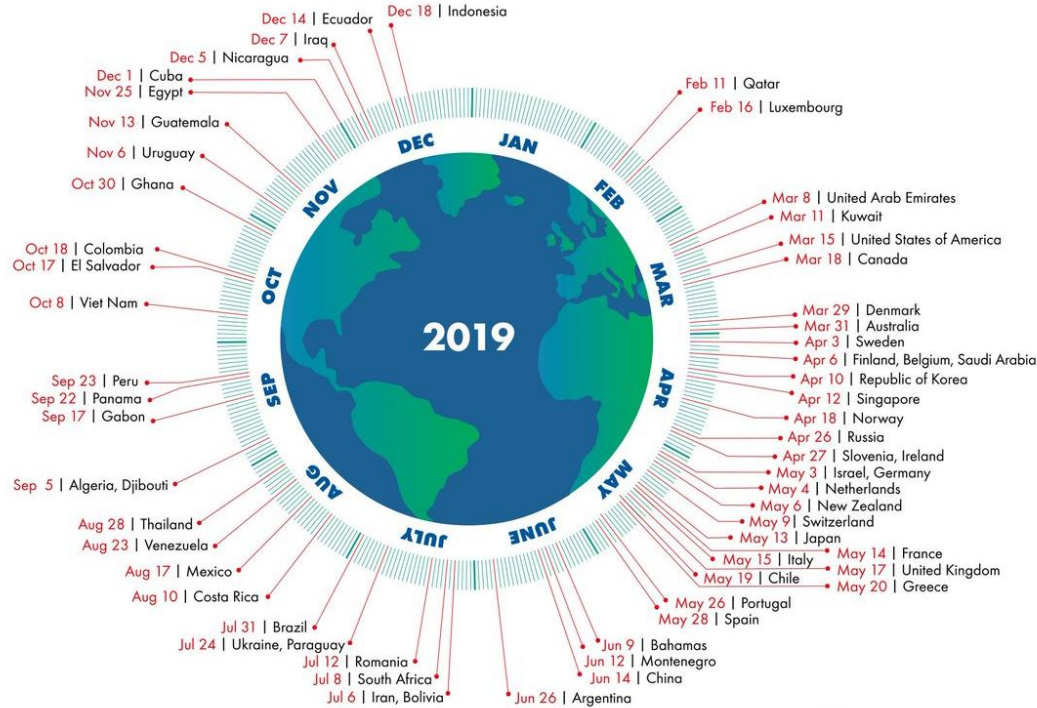
Evolution of the ecological deficit since 1960



Global Footprint Network, 2019 National Footprint Accounts

Country Overshoot Days 2019

When would Earth Overshoot Day land if the world's population lived like...



Source: Global Footprint Network National Footprint Accounts 2019



What steps can you take to #movethedate?

- Join the #movethedate movement
- **Beef-up your plant-based diet** if we reduced global meat consumption by 50% we would #movethedate by 5 days
- Sign the petition
- Travel with an eco-sensibility
- Start a population conversation
- **Commute Social** if we reduced driving by 50% around the world and replaced a 1/3 by public transportation we would #movethedate by 12 days
- Dive into data
- **Nurture nature** if we reforested 350 million hectares of forest we would #movethedate by 8 days
- Challenge your city leaders to #movethedate
- Streamline your wardrobe
- **Take on food waste** if we cut food waste in half worldwide we would #movethedate by 11 days

What can you do?

- Do you use a tumble dryer?
- Can you reduce the amount of ironing you do?
- Do you waste a lot of food?
- Do you drive more than you should?
- Do you leave the lights and aircon on after you finish a meeting?
- Have you switched to shampoo bars and other packaging free cosmetics?
- Do you fly around the world a lot?
- Do you buy plastic bags every time you go shopping?
- Do you eat fruits and veg that are in season and locally produced?

Veganism



- *definition* - a person who does not eat or use animal products.
- Meat production is one of the biggest causes of climate change, and in the UK alone veganism has gone up by 360% in the last decade.
- Veganism isn't just about food, we get a lot of requests across all brands about our products being Vegan.
- Colart may not use animal derived materials in all of their products however we cannot be classified vegan due to products being made in an environment that may contain animal derived materials.

Examples of sustainable foods, or are they?

- Avocados - The increased demand both in the U.S. and around the world is leading to deforestation in Central America, as forests are cleared to make way for avocado production. In addition, shipping avocados from outside the U.S. uses fossil fuels at a time when we should be trying to keep crude oil out of our food chain.
- Quinoa ??? Good / Bad Press
- Ethics of driving up demand for crops that require high inputs of fertiliser, fungicides, pesticides and herbicides, while demonising sustainable forms of livestock farming that can restore soils and biodiversity, and sequester carbon.

<https://www.theguardian.com/commentisfree/2018/aug/25/veganism-intensively-farmed-meat-dairy-soya-maize>