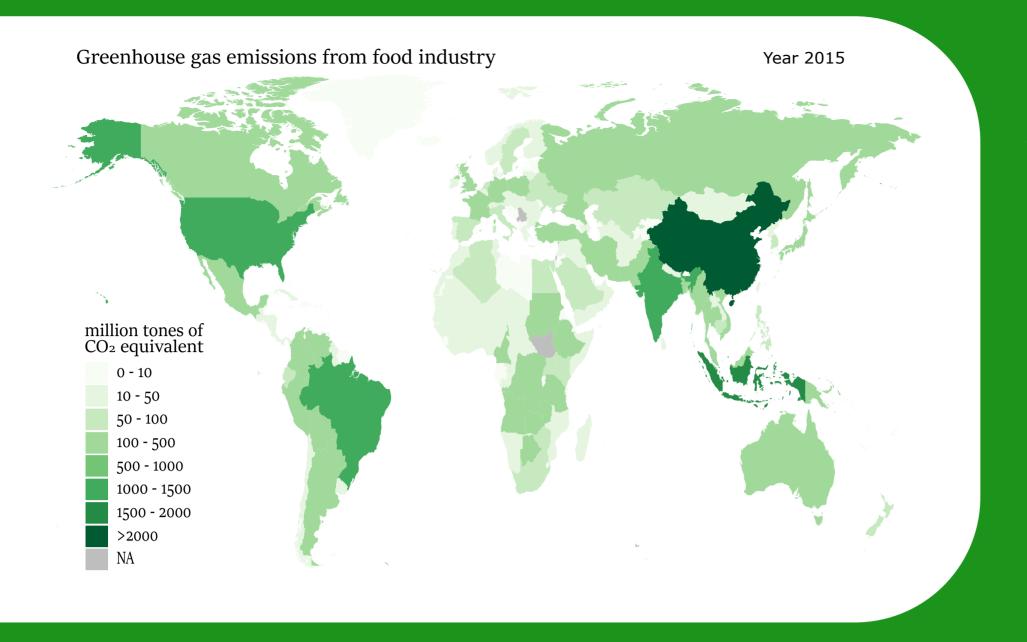
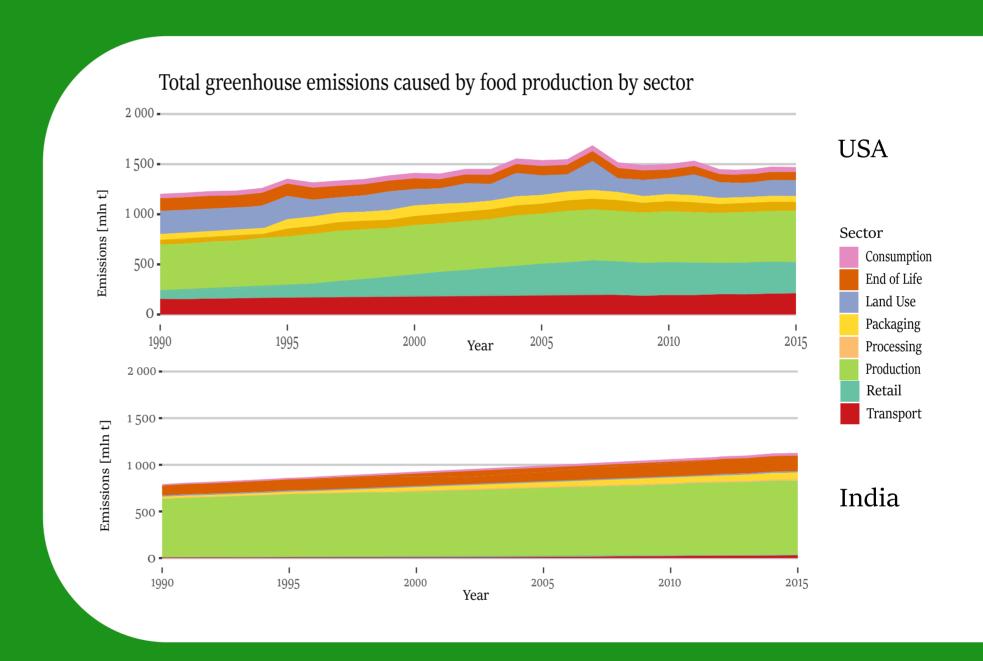
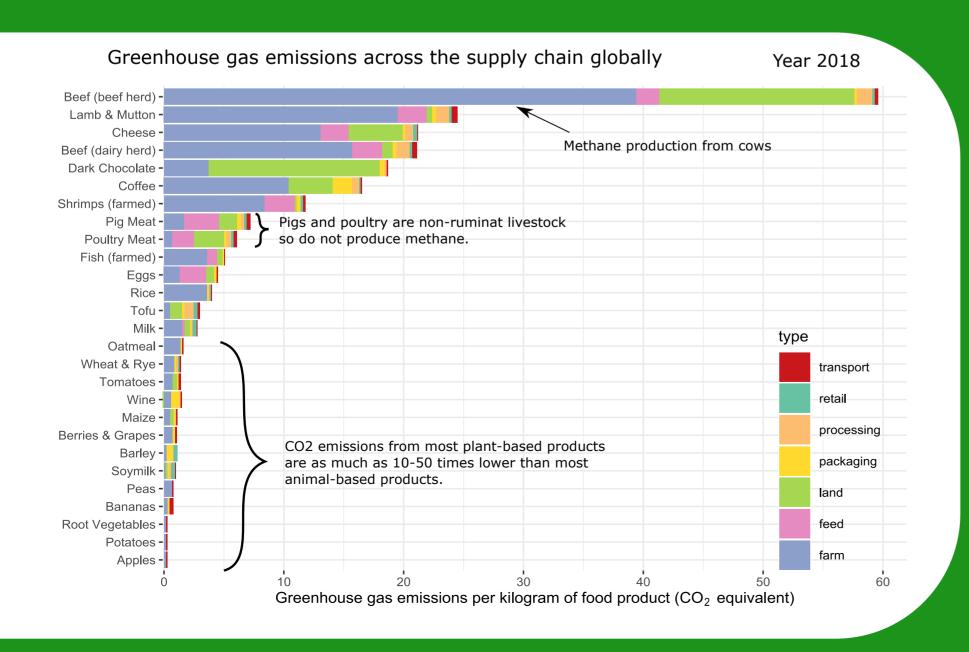
Environmental impact of food production



As you can clearly see on the map, China is the biggest emitter of greenhouse gases in food industry in the world. A great deal of them is also emitted by Indonesia, India, USA and Brazil. What is interesting is that India's emissions are on the similar level as USA's, which can be surprising considering that these countries are very different in many ways such as population, GDP or land area. We decided to take a closer look at these two countries.

We have chosen the USA and India as representatives in order to analyze how emissions of greenhouse gases differ between developed and developing countries. What is interesting, the sector that is the most responsible for aforementioned emissions differs. In developing countries production emits the most, whereas in developed ones it is retail that causes the growth. Additionally emissions caused by transportation and land use are almost non-existent in less developed nations.





Looking at certain food products globally we can cleary see that, the CO₂ emissions from animal-based products are significantly higher than those from plant-based products.

Interestingly, emissions from transport are negligible. Therefore, if you want to reduce your carbon footprint from food, it is far more impactful to choose the right products rather than shop locally.

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Data sources:

https://www.nature.com/articles/s43016-021-00225-9#Sec26 https://www.science.org/doi/10.1126/science.aaqo216