The Impact of Our Food Choices on Climate Change and the Environment

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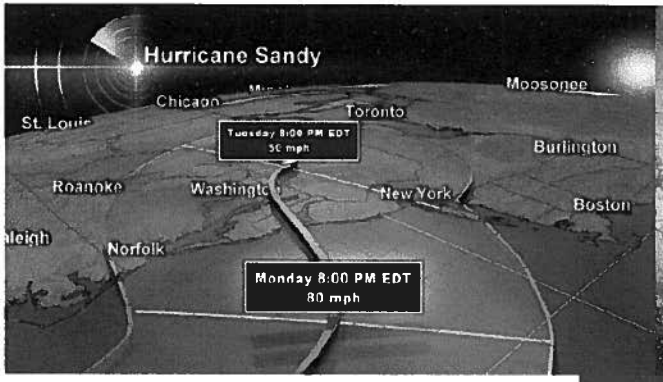
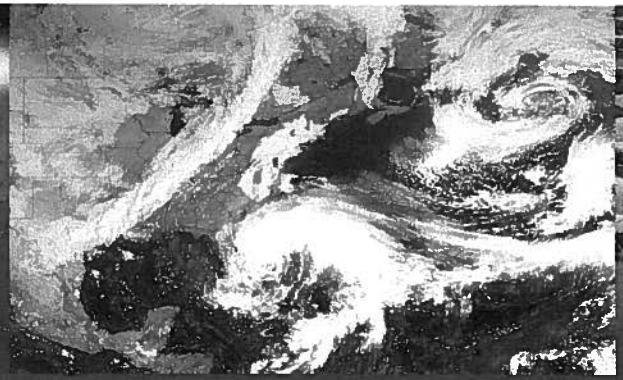




Bloomberg Businessweek

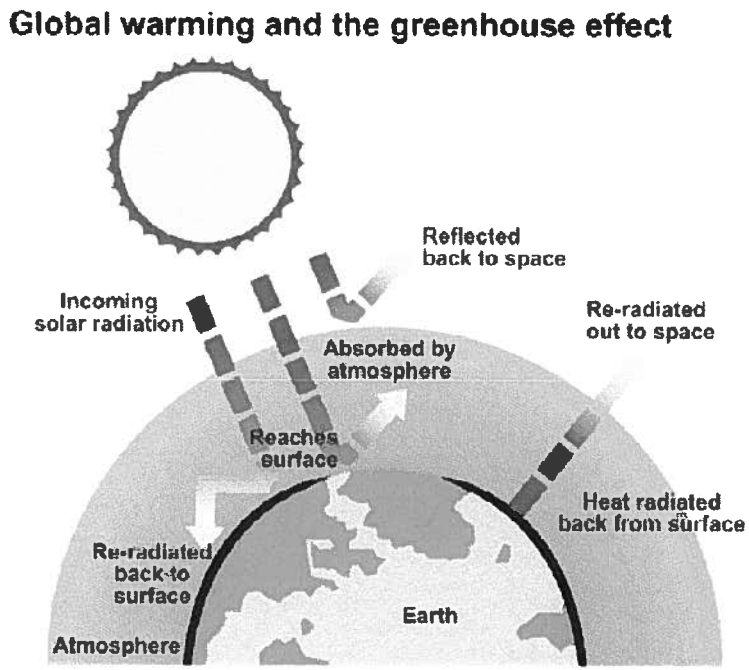
IT'S GLOBAL WARMING, STUPID

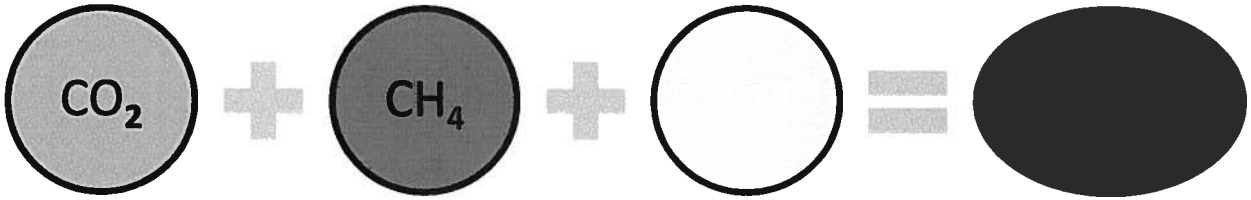
Future of Global Warming

- More frequent and powerful storms
- Drought in unlikely areas
- Loss of habitats
- Extinction of species

The clock is ticking…

Global Warming





How do we get Global warming?

Transportation ↑ Emissions– CO_2

Livestock Farming

↑ Emissions– CO_2 ,CH_4, N_2O

↑ Land Utilization

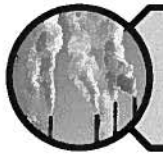
↑ Water Consumption

Livestock Farming

An industry that grows animals specifically for food consumption

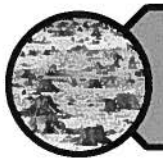
Journey From the Farm to the Fork

Effects of Livestock Industry

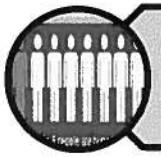


Greenhouse Gas Emissions

Shortage and Pollution of Water



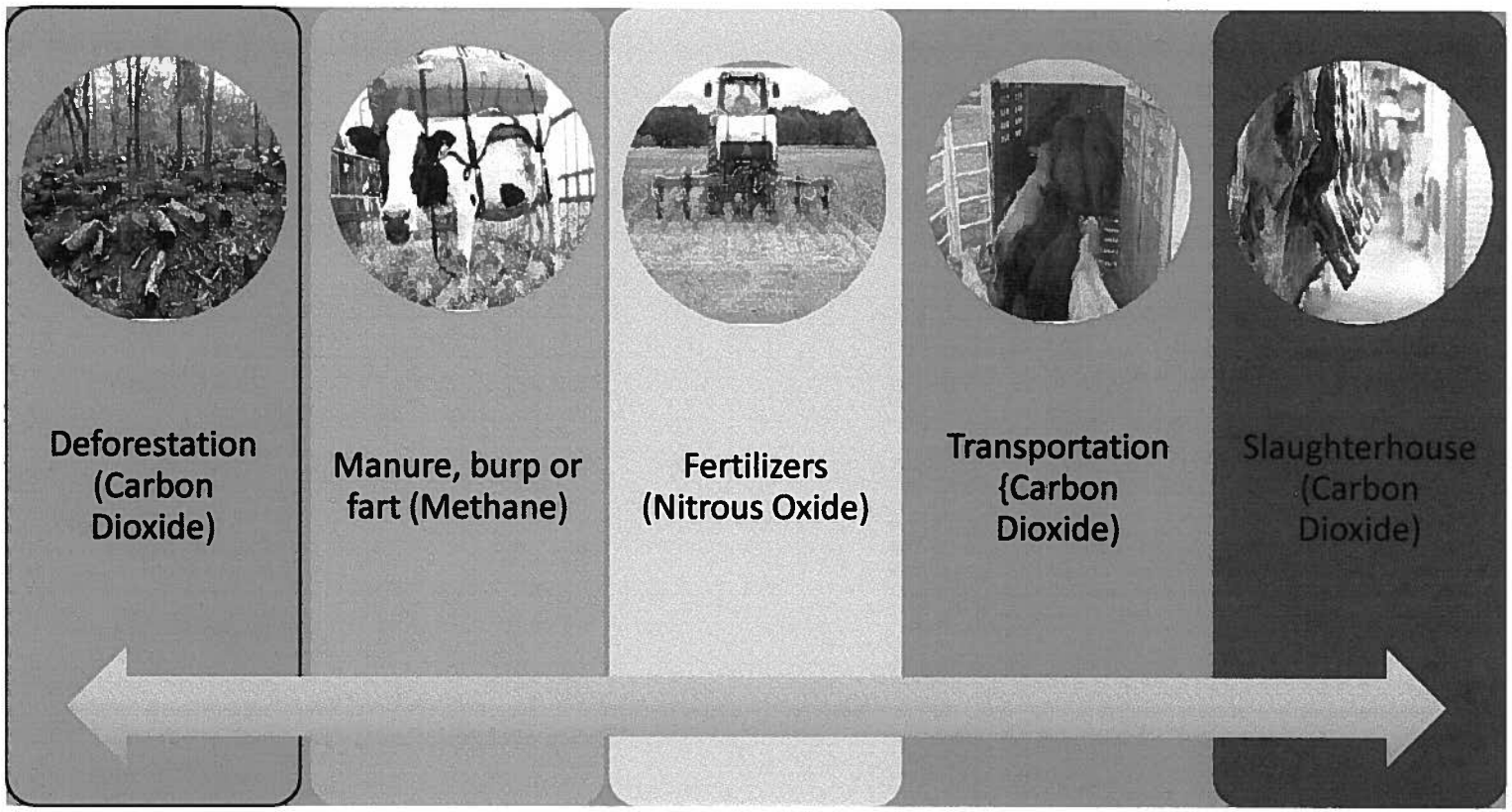
Shortage and Degradation of Land



Food Scarcity

Dangers in Public Health

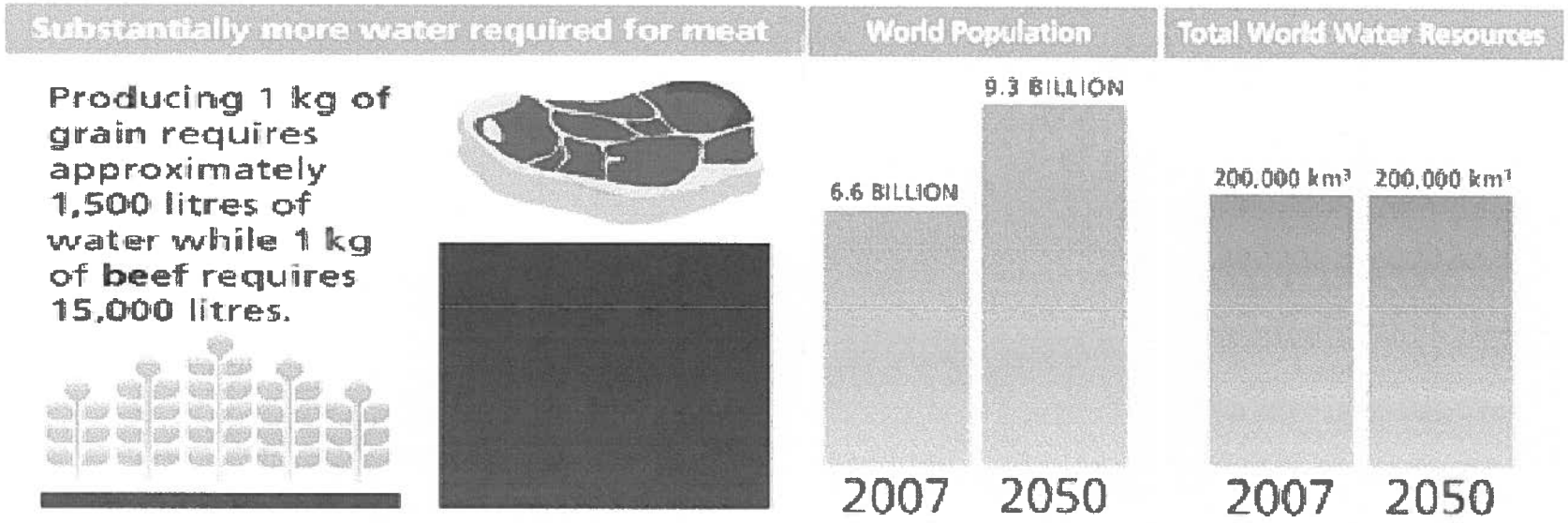
Greenhouse Gas Emissions



Total emissions from global livestock: 7.1 Gigatones of Co2-equiv per year, representing 14.5 percent of all anthropogenic GHG emissions.

Source: FAO

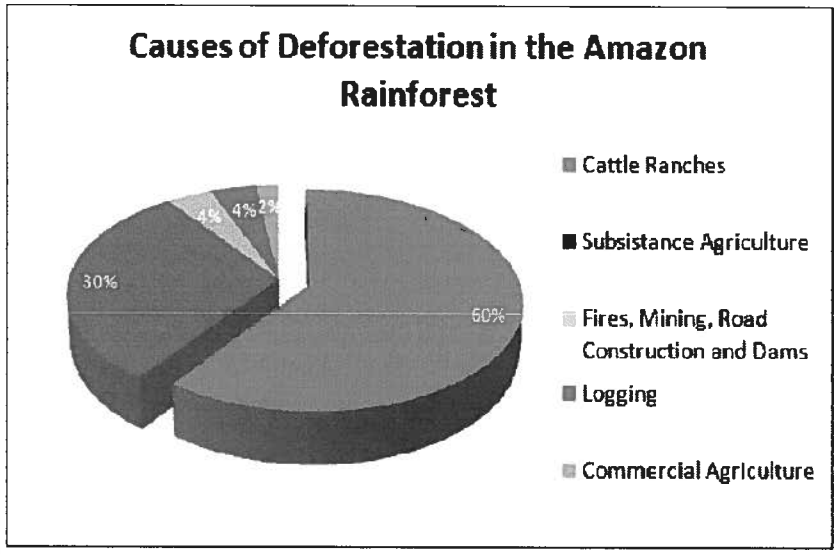
Shortage and Pollution of Water



Water is a renewable but finite source

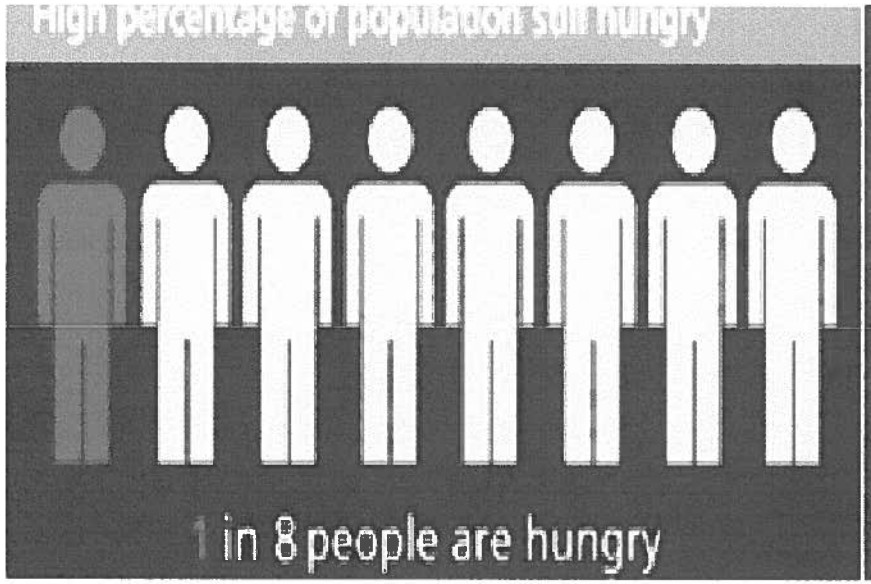
Source: FAO

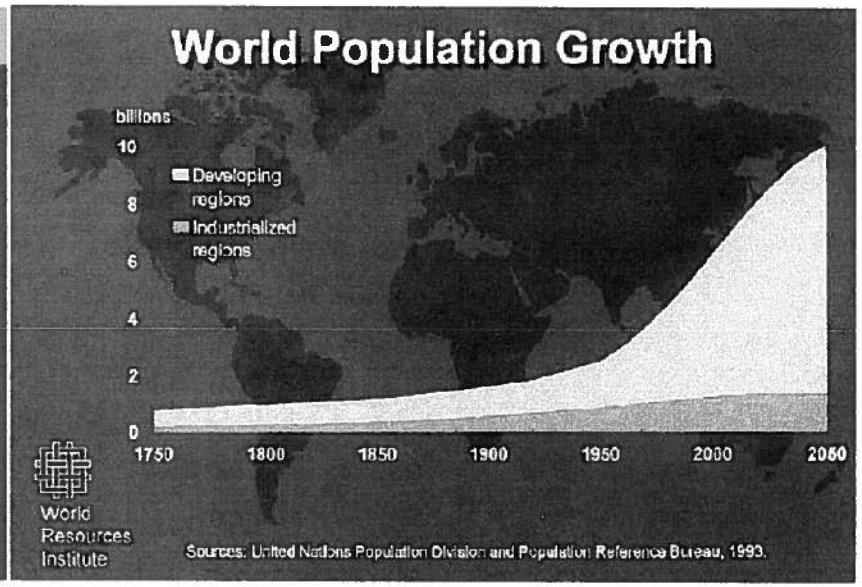
Shortage and Degradation of Land



In the near future, the amount of land used for livestock feed will be in direct competition with the amount used to grow food for humans.

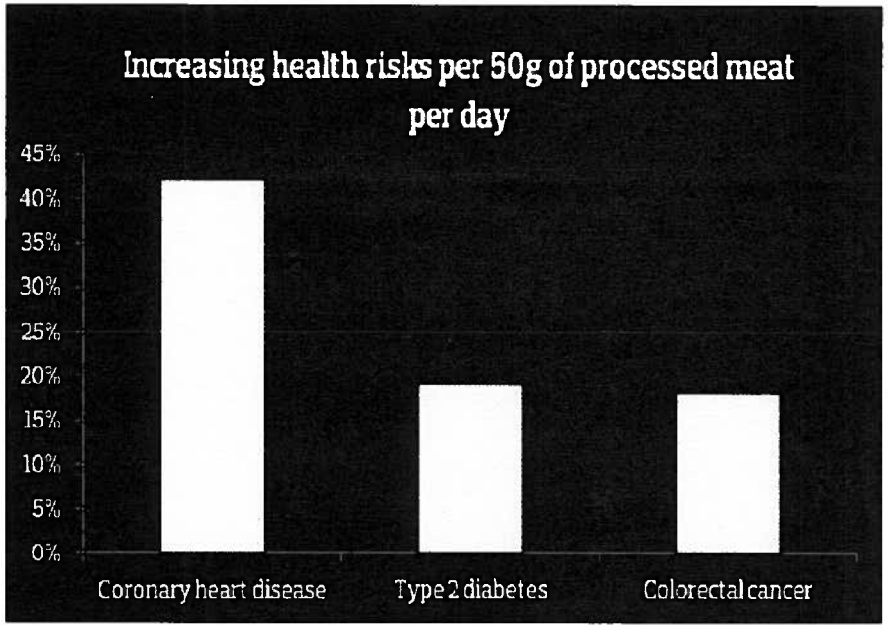
Food Shortage





Reducing meat production by just 15 percent in the U.S. would free enough grain to feed 100 million people

Dangers in Public Health



13%

20%

Global Warming
Shortage of Water
Shortage of Land
Shortage of Food
Dangers in Health

SUMMARY

So What Can You Do?

Reduce your meat intake

We need your Support

- Menus at state sponsored cafeterias
- Presenting to other towns and districts
- Organize a campaign

Thank You

Rises in Greenhouse Gas Emissions

The livestock industry is responsible for more than eighteen percent of all human caused greenhouse gas emissions, surpassing all forms of transportation. In addition to releasing carbon dioxide, the livestock industry emits methane and nitrous oxide, which are 21 and 292 times more dangerous than carbon dioxide respectively.

According to the FAO, the livestock industry is responsible for releasing 7.1 gigatones of carbon dioxide equivalent per year, representing 14.5 percent of all human caused greenhouse gas emissions.

Effects of Livestock on scarce Environment Resources

Shortage of Water

Clean water supplies are dwindling worldwide, and millions of people are projected to live in water strained areas. According to the UN, the livestock industry is a major consumer of water that could otherwise be used by human beings. It is important to precisely understand exactly what our water is being used for: To quench the thirst of the livestock animals or to quench the thirst of our people. By eating meat, you are effectively consuming all of the water that the animal has consumed in its entire life.

Shortage of Land

Livestock production accounts for 70% of all agricultural land. Land is not only required for animals, but also to grow feed for them

The Amazon Rainforest, called the "Lungs of our Planet" because of its photosynthetic capacity is getting cleared everyday, significantly for the livestock industry.

In the near future, the amount of land used to grow food for livestock will be in direct competition with the amount of land used to grow food for humans.

Food Scarcity

According to the latest UN projections, the world population will rise from 7.2 billion people today to 9.6 billion in 2050 – a third more mouths to feed.

The livestock industry is extremely inefficient. It takes 29 calories of grain to produce 1 calorie of beef. The more meat we eat, the more grain is required to feed the animals that provide that meat.

In a world, where hundreds of millions of people go hungry, we snatch food from the mouths of starving children and feed it to plump beasts just to satisfy economic profitability.

If the current annual worldwide production of corn, wheat, soy, and rice was fed to humans instead of livestock animals, there would no such thing as global starvation. However, we are unknown participants of global starvation every time we take a bite of meat.

Conclusion & Personal Food Choices

Global meat consumption is going to double in the next forty years.

So how can we double our food production, with less land, less water, failed harvests and severe climate change?

As a global citizen, we must understand the effects of our food choices. The easiest way to make true difference is to change our own individual eating habits. With every meal, we have a choice to make. We have to make the right decision for ourselves and for our planet as a whole.

What can we do?

There are just two simple steps that you can take to make an impact on our environment.

- ✓ Reduce Your Meat Intake
- ✓ Spread the word

By eating less meat, not only are you benefitting the environment, you are also doing a service to yourself.

like us on facebook

The Impact of our Food Choices on the Environment

The Planet Chillers