

# A Problem For The Environment and Society

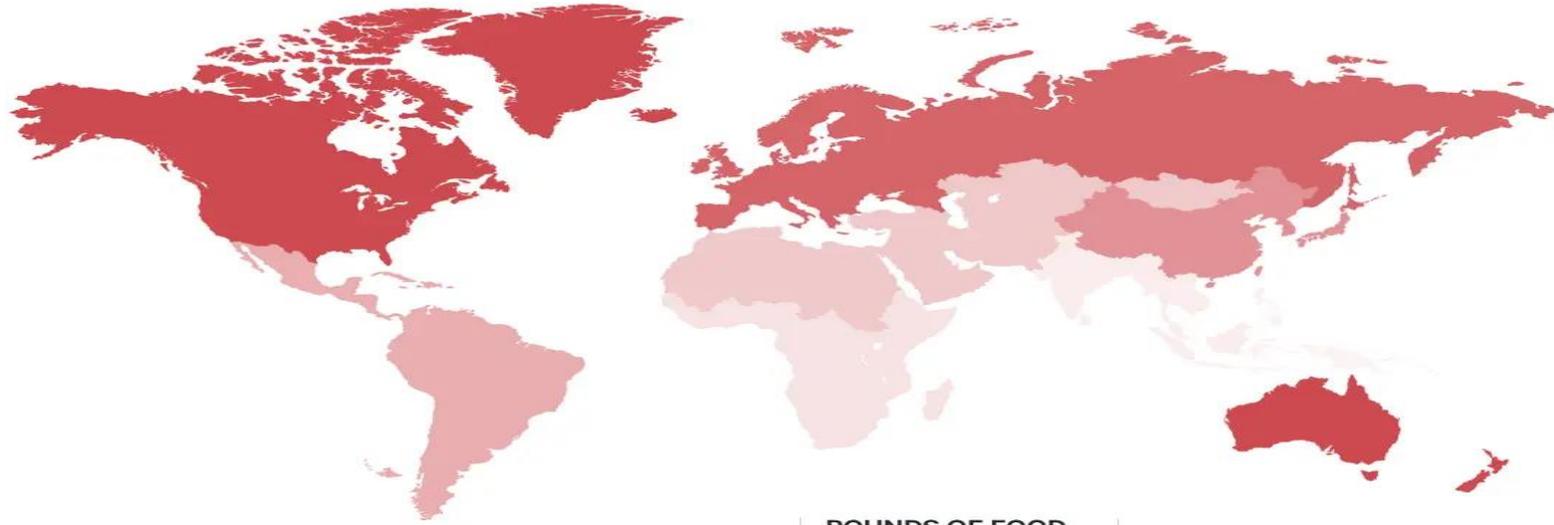


# The Problem

There are almost 7.5 billion people on this planet and this number continues to rise every year. To feed this population, the world produces four billion metric tons of food every year. Common perception leads many to think that all food production goes from the producer to the consumers' mouths. This, however, is false. Food is wasted every year



# The biggest food wasters around the world



| RANK/REGION                               | POUNDS OF FOOD WASTE PER PERSON /PER YEAR | TYPES OF FOOD MOST WASTED  |
|---|---|--|
| <b>7</b> South/Southeast Asia             | 227 pounds                                |  Grains             |
| <b>6</b> Sub-Saharan Africa               | 350 pounds                                |  Roots/tubers       |
| <b>5</b> North Africa & West/Central Asia | 460 pounds                                |  Grains             |
| <b>4</b> Latin America                    | 495 pounds                                |  Fruits/vegetables |
| <b>3</b> East Asia                        | 530 pounds                                |  Roots/tubers     |
| <b>2</b> Europe                           | 610 pounds                                |  Roots/tubers     |
| <b>1</b> North America & Oceania          | 640 pounds                                |  Roots/tubers     |

SOURCE: The Food and Agriculture Organization of the United Nations

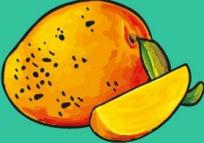
TECH INSIDER

## How does Food Waste relate to the Environment?

Food loss and waste of resources, including water, land, energy, labor and capital produce greenhouse gas emissions, contributing to global warming and climate change

# methane

is produced by food rotting in landfill, contributing to global warming



**STOP  
THE  
WASTE**

**BY REDUCING FOOD WASTE, WE COULD  
REDUCE GLOBAL EMISSIONS BY 8-10%**



**UN  
WFP**  
World Food  
Programme

# The Future

Reducing food waste that is lost between the field and fork could alleviate many of the problems that could arise in the future.



# Potential Solutions?

Reduction of food waste ———— improve environment due to climate change and world hunger

strategies ———— improving efficiency in farming practices and education

the refining of infrastructure, transportation, and storage systems, ———— immediate positive effects

Government ———— regulations

Waste Management ———— incentives for light producers of waste

people motivation to dispose of waste properly.

Smart cards

- Sustainable development. "We do not inherit the land from our ancestors, we borrow it from our children." ...

- Carbon footprint. ...

- **Food Waste.** ...

- **Food Loss.** ...

- **Carbon footprint**

- **Upcycling**

- 

**Circular Economy**

...

- Seasonality. ...

- **Zero Waste.** ...

- Recycling.

## Gleaning

What is gleaning? According to the USDA, "Gleaning is simply the act of collecting excess fresh foods from farms, gardens, farmers markets, grocers, restaurants, state/county fairs, or any other sources in order to provide it to those in need

Conclusion

Reducing food waste is not a massive change of lifestyle or practice, but a small improvement that can have enormous benefits for not only our environment but for society as well.



