



FOOD WASTE AND SUSTAINABILITY

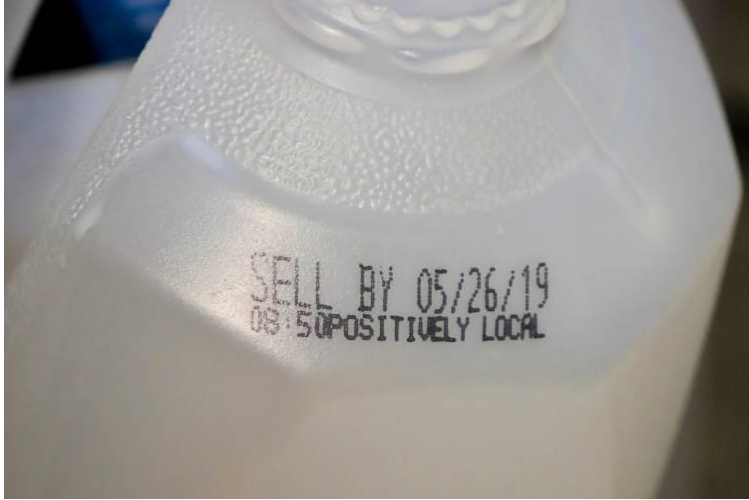
What is food waste?

- Food that is not eaten and thrown away, even if it is still good
- The amount of food waste in comparison to different countries:
- Conditions are affected by many reasons:
 - Rainfall
 - Pests
 - Insects
- Major part: human-made food waste
 - 17% of all food available to consumers were wasted
 - 2019: 931 million tons of wasted food



FSI 2021 Results - Food loss & waste

	Argentina	
	Australia	
	Brazil	
	Canada	
	China	
	France	
	Germany	
	India	
	Indonesia	
	Italy	
	Japan	
	Mexico	
	Russia	
	Saudi Arabia	
	South Africa	
	South Korea	
	Turkey	
	UK	
	US	



Why does food get wasted?

- Does not comply with the norm in industrialised countries – “ugly food”
- Sell-by date expired: food can not be sold anymore even if it is still eatable
- Value of food gets lost due to affluence in wealthier countries
- Overproduction



Measures to reduce food waste

- Laws have encouraged supermarkets to donate unsold food to charities or send animal-food manufactures
- Non-governmental organisations such as food banks
- Apps that connect shops with charities and social organisations



What is Sustainability?

- Way of producing food in a way that protects the environment
- Efficient use of natural resources
- Farmers can support themselves
- Improving the quality of life for people and animals equally

Why is it important?

- Produce of enough food for the population
- Ensure the supply for future generations
- Current situation:
 - 9% of the world's population does not have enough food
 - Expected population growth: 10 billion by 2050
 - Therefore: need to increase production up to 70%

What are the problems?

- To cover the needs of the population:
 - Hundreds of millions of hectares would need to be converted to farmland
 - Negative impact on environment
- Increasing size of the producing industry:
 - Lots of energy required
 - Release of greenhouse gases
- 70% of the planet's freshwater currently used
 - Destruction of natural resources



What should we do?

- Healthy soil would be needed to grow healthy produce
- We should create a system which benefits everyone
- Make sustainable food choices:
 - Depending on consumers
 - Choosing plant-based foods over animal-based food
 - Less red meat and sugar
- Eat locally and seasonally:
 - Support your local markets and producers
- Eat with more variation:
 - More diversity in agriculture
- Focus on nutrition and health: providing all people equally





Sustainable Food Trust

A global voice for sustainable food and health



foodtank
THE THINK TANK FOR FOOD

What is already done?

- Lots of organisations with the aim of making life more sustainable
 - Sustainable Food Trust
 - International Food Policy Research Institute
 - Food Tank

Sources

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THANK YOU
FOR YOUR
ATTENTION!

