

In The Name Of God

Sustainability in Food Miles

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What is "Food Miles" ?

- The Total distance in miles the food item is transported from field to plate .

Indicator of sustainability

What is "Food Sustainability" ?

The concept of sustainability involves:

- ❖ Eating Local
- ❖ Buying Food From Field
- ❖ Cutting down on the length of time between food producing and eating

Local production → Local Consumption

Food Sustainability

OR

Globalized Food Trade

Advantages Of Globalized Food Trade

- ❖ Distribution of food all over the world
- ❖ Gaining money (By a few transnational corporations).
- ❖ Increasing Concentration of the food supply chain
- ❖ Globalization of food industry
- ❖ Easily shopping
- ❖ Availability of different kind of food

→ Adding to Food miles

Disadvantages Of Globalized Food Trade

- ❖ Burning up a lot of fossil fuel and contributes to global warming
- ❖ Wasting of Energy
- ❖ Wasting of money
- ❖ Wasting of time
- ❖ Food Contamination
- ❖ Losing nutrients of food
- ❖ Congestion
- ❖ Nervous behaviors
- ❖ Carbon dioxide emissions
- ❖ Noise and sound pollution
- ❖ Accident
- ❖ Changing of sensory values ;Taste ,Aroma...

→ Food Sustainability

Food Transport Impacts

Significant & Growing

- ❖ Large amount of carbon dioxide emissions
- ❖ Highest CO₂ emission per tone by air transporting
- ❖ Over **£9 billion** ,Social ,Environmental and economic costs each year
- ❖ About **£5 billion** Social cost of congestion
- ❖ Social cost of **£2 billion** per year for accidents
- ❖ About **£2 billion** cost for pollution

There Is No Doubt!

The total costs are very significant compared with the gross value of the agricultural sector of £6.4 billion, and the food and drink manufacturing sector of £19.8 billion

In Other Words

The £26.2 billion made by agriculture and the food and drink industry involve externalizing £9 billion (34 percent)
Of the costs ,largely to the tax payer .

Recommendations

- ✓ Low input , Organic Local production and local consumption
- ✓ Investments in to renewable energies in place of fossil fuels
- ✓ Reducing car food shopping and home delivery
- ✓ Reducing transport impacts e.g. cleaner vehicles ,improved logistics ,rail freight
- ✓ Improving the wider sustainability of the food chain e.g. ethical trading , Improved energy efficiency In the local food sector
- ✓ Governmental subsidies for farms and local communities



HONG HUC







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Thank You!
Dank u wel!
Danke Schön!
Merci!
Shei she!