

STUDY OF THE ENVIRONMENTAL IMPACTS OF FOOD WASTAGE

INTRODUCTION

One third of the global production is annually lost or wasted. That, leads to study land uses, uses of water and greenhouse gases emissions, which are some of the contributors to the environmental impact of food wastage.

AIMS

To define “food waste” and “food losses” and to study the economic and social impacts of food wastage.

To study the environmental impacts due to food wastage in terms of:

- The use of agrarian surface
- The use of water
- Greenhouse gases emissions

To raise awareness to people in order to move forward to a more sustainable world.

CONCLUSIONS

Food wastage generates a huge environmental impact.

Research groups have been assessing the environmental impacts of food wastage since 2013 and it does not exist a standardized and official method to analyse food wastage.

It is needed to keep creating awareness about food wastage to all the people who are involved in the food chain and keep studying the whole issue.

Definitions

Food waste + food losses =
FOOD WASTAGE

Economic and social impacts

- ↓ Incomes (productivity)
- ↑ Costs (resources, importations)
- ↑ Global hunger

Land

28% of agrarian surface
↑ Crop intensity, soil contamination
Meat and milk production

Water

25% of water used for
crops irrigation
↓ Accessibility, hydrologic
regimes, ecosystems
Meat production

Gases emissions

More than 200% of USA road
transport emissions
Greenhouse effects
Cereals and vegetables



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