



FOOD LOSS AND WASTE

Definition



- Food loss and waste occurs at all stages of the food supply chain – production, processing, sales, and consumption. Definitions of what constitutes food loss versus food waste or what parts of foods (i.e., inedible parts) exit the food supply chain are considered lost or wasted vary. Terms are often defined on a situational basis (as is the case more generally with definitions of waste). Professional bodies, including international organizations, state governments, and secretariats may use their own definitions.

Evidence

Food Loss

- 30% food is wasted (1.3 billion tons per a year)
- Responsible for 18% green house gasses emission

Food Waste

- Cooking too much food
- Buying too much food in shop



Factors

Food Loss

- Overproduction
- Unstable markets
- Producing problems
- Customer choice
- Insufficient Farming Technique
- Insufficient Infrastructure for food transport and marketing

Food Waste

- Lack of planning (shopping lists)
- Confusing labels
- Improper consumer behaviour : buying only the “perfect products
- Over-preparation of food in restaurants, hotels and the foodservice industry

Solutions

Food Loss

- Funding proper Infrastructure
- Introduce proper Farming techniques
- Invest in charities that help save the world hunger and reduce food loss

Food Waste

- Introduce proper Consumer Behavior
- Introduce the purchase of imperfect products (“ugly fruits or vegetables”, products with crooked labels)
- Introduce composting



Technologies

Food Loss

- Modern farming machines
- Solar Powered Storing devices
- Better irrigations system
- RFID technology



Food Waste

- Electrical compost Machines (for people living in apartments)
- Apps for decoding misleading /unclear labels
- Softwares that help make the owners of restaurants/hotels make sound decisions



Studies

Food Loss and Waste

- Global Food Losses and Food Waste. Save Food Congress, Dusseldorf 16 May 2011
- World Resources Institute “Reducing Food Loss and Waste”

Institutions

Food Loss and Waste

- WHO
- UNICEF
- UE
- IOWA WASTE REDUCTION CENTER



Experts

Food Loss and Waste

- Ralph C. Martin
- Michael von Massow
- Jean Hunter
- John Carley
- Bruce McAdams
- Simon Somogyi



THANK YOU FOR YOUR
ATTENTION

By Myrmidones 1 lo glowno