

Food Waste Hierarchy : Analysis of a food waste solution for food businesses

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Introduction

- Food waste is becoming an important issue both locally and globally.
- Food Waste Hierarchy- A framework which composed of five elements for dealing with food waste.
- Defined in European legislation in the Community Strategy for Waste Management in 1989.
- Helps food businesses to tackle food waste.
- Ranks according to impacts on environment, social and economy

Interview

Receiving food from independent source such as market traders apart from supermarkets

- Awareness of food waste is increasing
- More food businesses donate the surplus food to the charitable organisations
- More branches and more storage space.
- Facilitate organisations to receive more food from different sources.

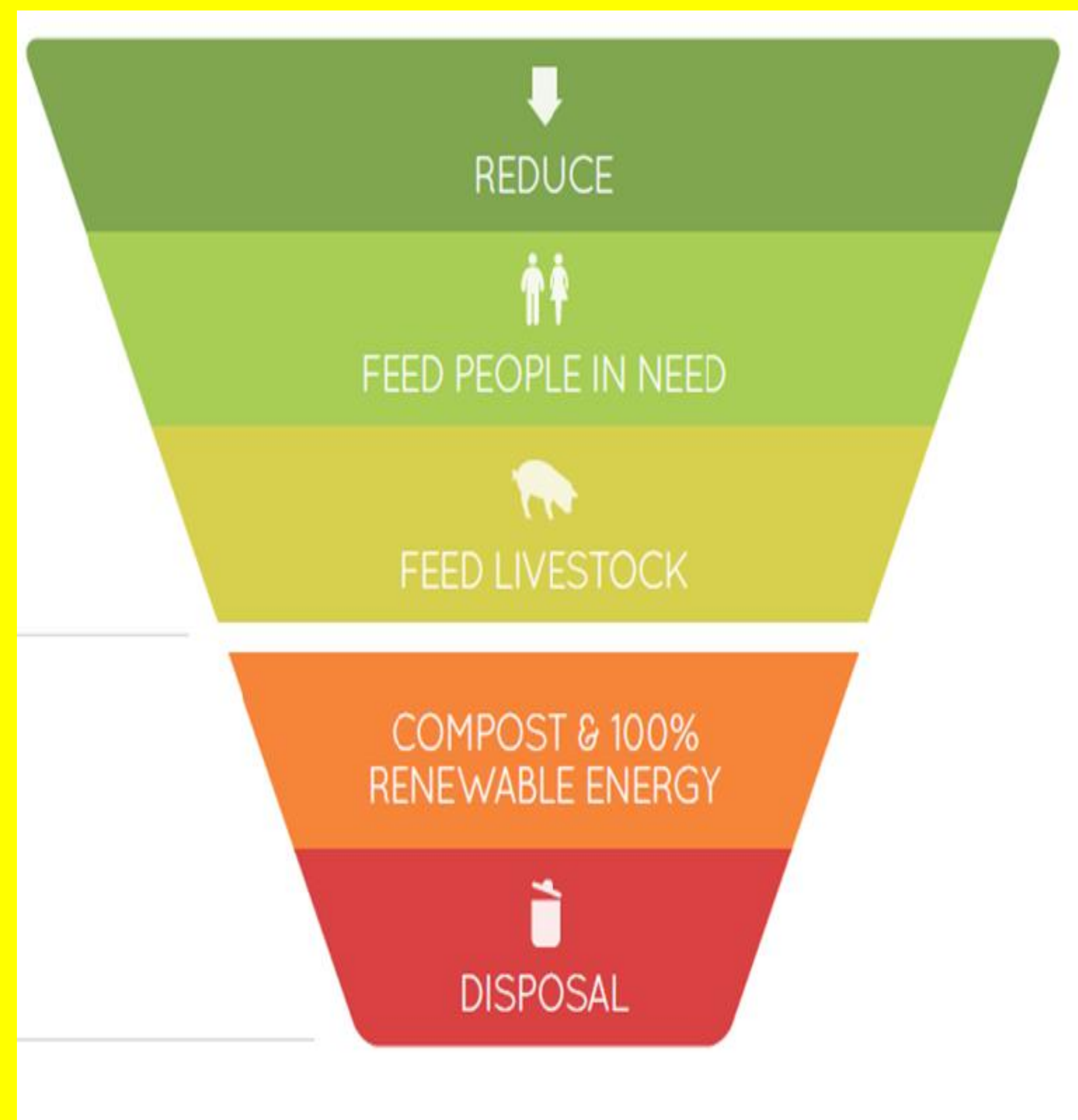
Example solutions

- **Tesco**
 - Use sale to clear food close to their expiry date
- **ASDA**
 - Working with the Institute of Grocery Distribution and the Food Standards Authority to change their packaging size
 - Created new methods to package food to let the food stay longer

Aims

- Understand Food Waste Hierarchy
- Focus on the first priority for wasted food – Feed People In Need

Food Waste Hierarchy



Conclusion

- Donation of surplus food make a huge and advantageous use for charities or to people who are in need. However, the main objective of food waste pyramid is to reduce food waste. It may be critical to think the potential impacts on charitable organisations if less surplus food is donated.

Explanation

1. Reduce - 1st Priority- Avoid overproduction and prevent food waste.
2. Feed people in need- Donate surplus food to charities and organisations that redistribute food.

Example: Feeding the 5000

- Encourage the global movement against food waste
- Encourages food businesses to sign up to the Food Waste Pyramid to reduce food waste



3. Feed livestock -Surplus food convert to livestock feed.
 - Example: Sugarich
4. "Compost and renewable energy"
 - Compost the wasted food and convert the food into 100% renewable energy
 - Example: fertiliser fuel : electricity and heat
 - Example: Bio collectors -agricultural fertiliser and energy
5. Disposal - Releasing methane which is 21 times worse for global warming than carbon dioxide

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