

Industrial by products from different food production plant

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In that food wastes or by-products are an excellent source of nutraceuticals, bio actives, inherently functional and possess many components that are good for human health.

Food wastes or by-products convert to the functional food ingredients it is the healthy trends in the food industry.

The waste management is one of the major parts of food industries.

The large volume of the low cost by-product gives economical advantage of its potentially valuable components and environmental benefits.

Therefore, the recovery of by-products to health beneficial product and economic benefit to labor, stakeholder and country.

Food Waste

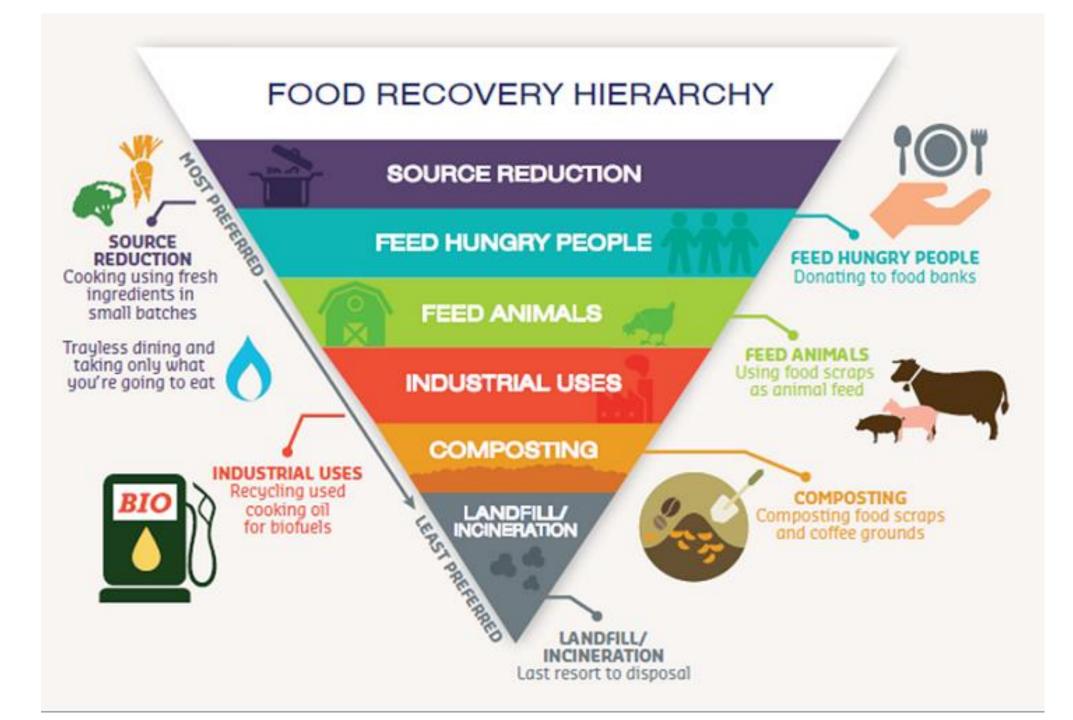
Food waste or by-products most commonly refers to edible food products, which are intended for the purposes of human consumption, but have instead been discarded, lost degraded or consumed by pests, and does not include the inedible or undesirable portions of food stuffs. The food industries categorized by

following.

- 1) Fruit and Vegetable Industry
- 2) Grain Processing Industry
- 3)Brewery and Winery Industry
- 4) Marine Industry
- 5) Meat Industry
- 6) Dairy Industry







Waste Management in Food Processing Industry

- 1. UTILIZATION OF FOOD INDUSTRY WASTES
- 2. ULTRAFILTRATION IN THE RECOVERY OF FOOD WASTE
- 3. RECOVERY OF FRUIT AND VEGETABLE WASTES
- 4. RECOVERY OF PROTEIN

5. THE SCREENING OF VEGETABLE WASTES

6. FAT EXTRACTION

7. TREATMENT OF FATTY EFFLUENTS

8. RECOVERY AND UTILIZATION OF PROTEIN

9. CONVERSION OF BONE TO EDIBLE PRODUCTS

10. UTILIZATION OF WASTE IN ANIMAL FEEDS

11. PRODUCTION OF EARTHWORM PROTEINS

12. PECTATE GELLING AGENTS IN FOODS

13. ANAEROBIC TREATMENT OF FOOD PROCESSING WASTES AND AGRICULTURAL EFFLUENTS

14. UNDERUTILIZED PROTEINS FOR BEVERAGES

15. COFFEE AND TEA WASTES

16. AEROBIC PROCESS FOR THE TREATMENT OF & WHEAT STARCH EFFLUENT

17. TEXTURIZATION OF RECOVERED PROTEINS 18. BY-PRODUCTS FROM MALTING, BREWING AND DISTILLING

19. USE OF MICROBIOLOGICAL AGENTS IN UPGRADING WASTE FOR FEED AND FOOD

20. THE USES OF ENZYMES

21. THE TREATMENT OF DIARY WASTES

22. SILAGE PRODUCTION

23. THE MECHANICAL RECOVERY OF MEAT

24. RECOVERY FROM EFFLUENTS

25. UTILIZATION OF FOOD WASTE IN PET-FOOD INDUSTRY

26. CANNING AND FOOD PROCESSING WASTES AS FEEDSTUFFS AND FERTILIZER

