

Green Healthcare Programme Work involved - Waste

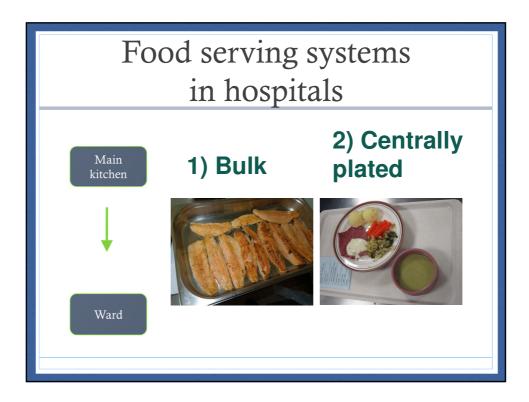
- Surveys of amounts, character, sources:
 - Food waste
 - Risk waste
 - General waste
 - Recyclable waste
 - Hazardous waste (e.g. labs)
- Aim: identify potential for prevention & increased segregation

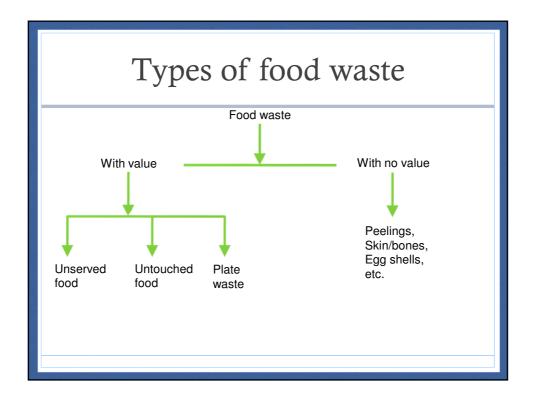


Since the food waste Regulations

• Up-side:

- Can see amounts arising incentive for reduction
- Current down-side:
 - Usually charged per lift paying more per tonne than landfill in many cases













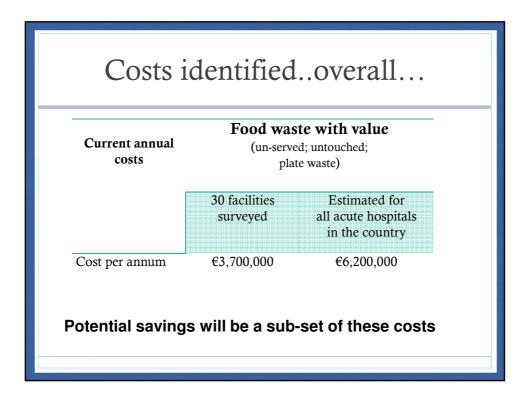
I		with value – ue to use?
•	Currently, using an ave purchase cost of food	erage value of €2 per kg for
	Item	An example cost
	Stewing steak	€4.65 per kg
	Haddock fillets	€8 per kg
	Potato	€0.50 per kg
	Baton carrots	€1.05 per kg
	Jndertaking surveys du ood per kilogramme in	ring 2012 to refine cost of hospitals



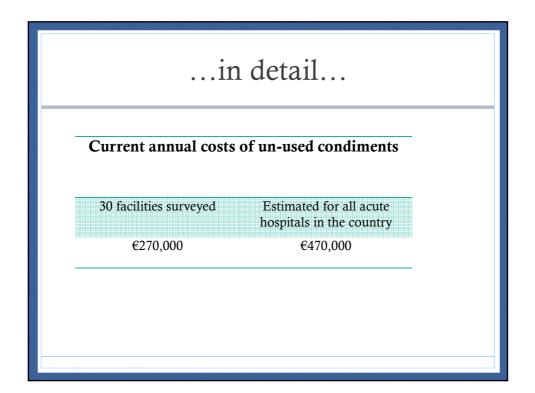
Key findings – food waste

- Areas with main scope for reduction of waste:
 - Food prepared but not served
 - Portion sizes (meat portions, amounts on plates)
 - Segregation from landfill
- How meal ordering system works in ward, & then in kitchen
- Biggest factor: communication & awareness
- Contract caterers vs in-house

	ompositi ste – ove		
Un-served food	Untouched food	Plate waste	Total food waste with value
32%	4%	26%	62%



Current annual costs					
food waste with value					
Type of food waste	30 facilities surveyed	Estimated for all acute hospitals in the country			
Un-served food	€1,800,000	€3,000,000			
Un-touched food	€220,000	€400,000			
Plate waste	€1,400,000	€2,300,000			



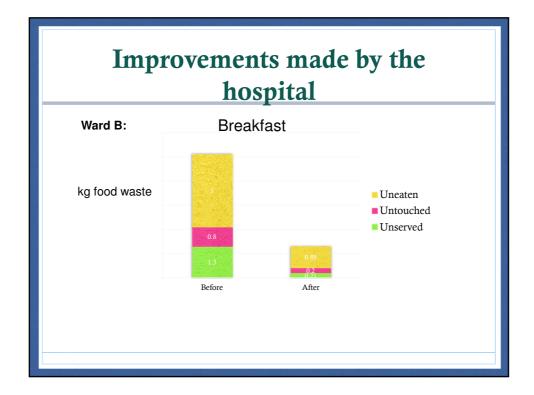


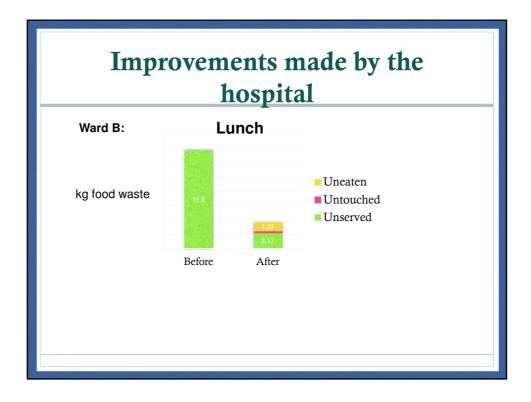
Example – acute hospital

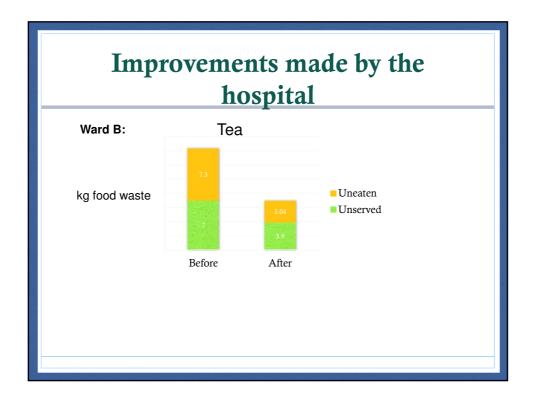
- Acute hospital:
 - Food waste survey under the Green Healthcare programme;
 - hospital implemented changes;
 - resurvey by the Green Healthcare programme;



- 2 wards surveyed on both occasions:
 - Ward A: food waste reduction: 5%
 - Ward B: food waste reduction: 64%
 - Annual savings for the 2 wards: €16,000
- Overall savings in food waste at the hospital:
 - estimate as 40% reduction equiv to €90,000

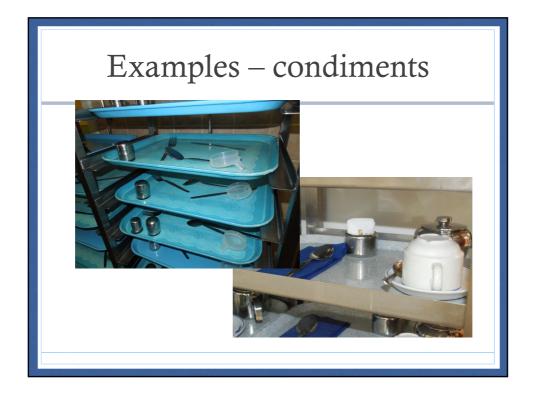






Another example

- Food waste survey in a small acute hospital:
 - Food plate waste amounts at lunch relatively high
 - Hospital eliminated soup prior to lunch
 - Since this, the hospital reports that lunch food waste has reduced and nutritional intake would also have improved



Recommended steps

- Measure food waste weights ideally by ward
- Tackle 1st: food prepared but not served
 - Communication ward kitchen
- Tackle next: portion sizes
 - Main meat portion size
 - Scoop number & size for veg, potato, etc.
- Don't forget: provision of bread; condiments (sugar, butter, etc.)
- Focus on main meal largest amounts/savings

