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Waste Management Case Study

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a world of nutritional ingredients
a world of nutritional ingredients and cheese



Introduction



- Glanbia Consumer Foods Ireland are the leading marketing, manufacturing & distribution fresh food business in Ireland.
- Marketing much loved & leading Irish brands, such as Petit Filous, Kilmeaden Cheese, Yoplait Yoghurt, Avonmore, Premier, Super Milk Brands.
- Employs approximately 650 people across many disciplines, Operations, Research, Marketing, Finance, HR & Engineering.
- Operations based in Wexford, Kilkenny Kildare & Louth.



Why Focus on Waste Management



- Tackling Waste Management is one of the most effective methods of managing those unseen costs or costs which are perceived to be fixed.
- Target all areas across the spectrum of your business, Utility costs, Waste Management, Ingredient & Packaging Losses, Packaging Type, Water consumption, Detergent consumption etc
- Waste Management has a positive impact for the environment & its also very good for the organisations bottom line.
- Use external bodies to assist (SEAI, & Green Business)



What Do We Do?



Action	Benefit
Use management systems, ISO 14001 (2004) & EN 16001 (2010)	Manage you business systematically
Measure & audit the operations activities regularly	Improve the efficiency of the operation
Bench Mark with similar activities	Improve the efficiency of the activity
Review current packaging formats against alternatives (e.g. stretch wrap)	Reduce packaging costs & waste disposal costs
Ingredient Losses	Reduction in tomato puree losses 2.5%
Good Manufacturing Practices	Fix water, air leaks, steam leaks



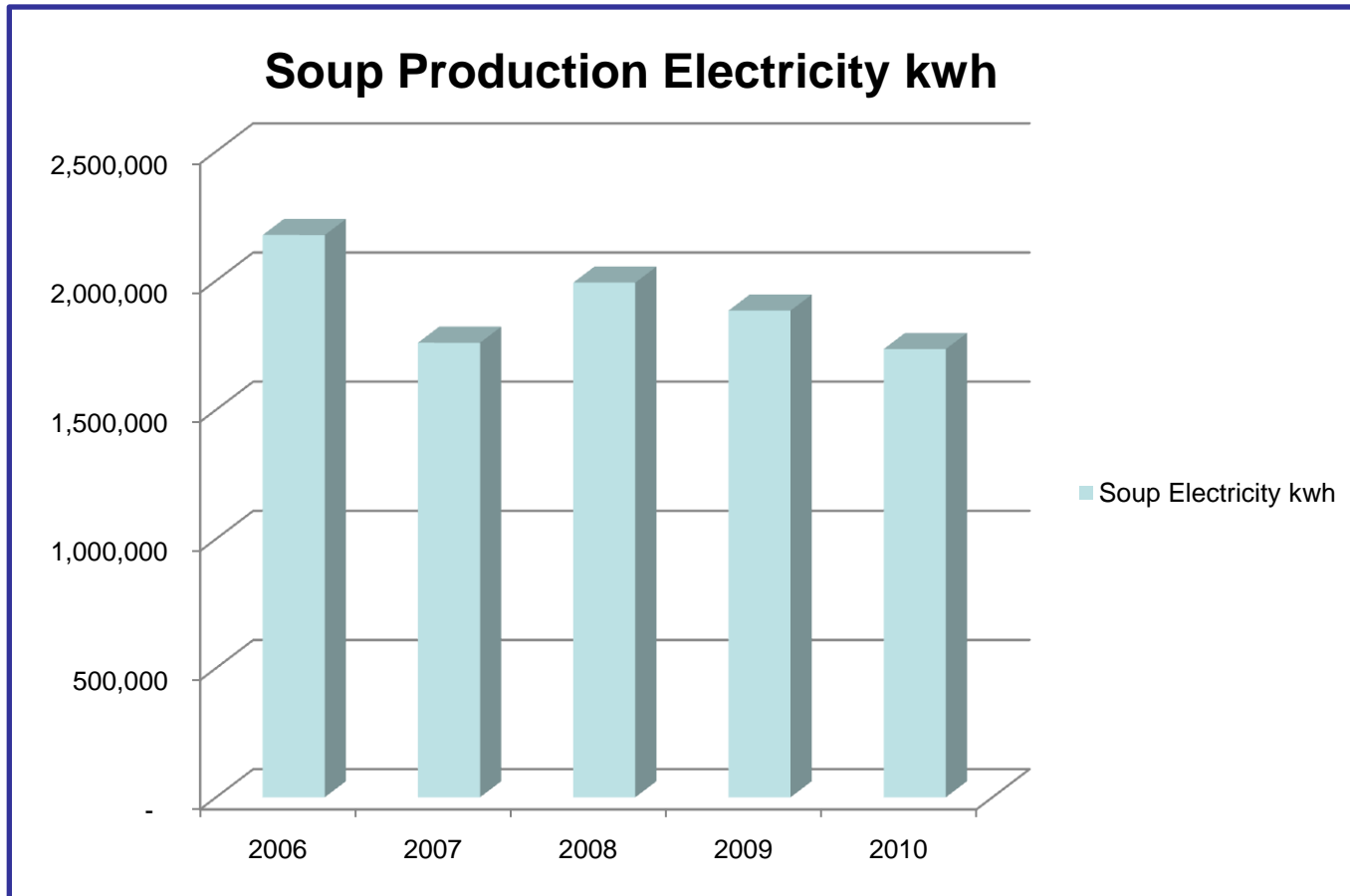
What Do We Do?



Action	Benefit
Intelligent lighting systems (low occupancy areas)	Reduce Kwh
Install VSD motors (2 X15 kw)	Reduce kwh (1,200 kwh / wk) Grant aided
Packaging Recycle Loops (multi trip containers),	Reduce ingredient costs & waste management costs
Regular Bill Management of energy costs (correct tariff etc)	Manage your energy costs
Recover low level heat, reduce process temperatures if possible	Use Air Compressors to heat Packaging storage area & boiler rooms
Simplify your process (CIP)	Reduce energy costs improve plant utilisation
Have a good communication process	Create awareness amongst staff



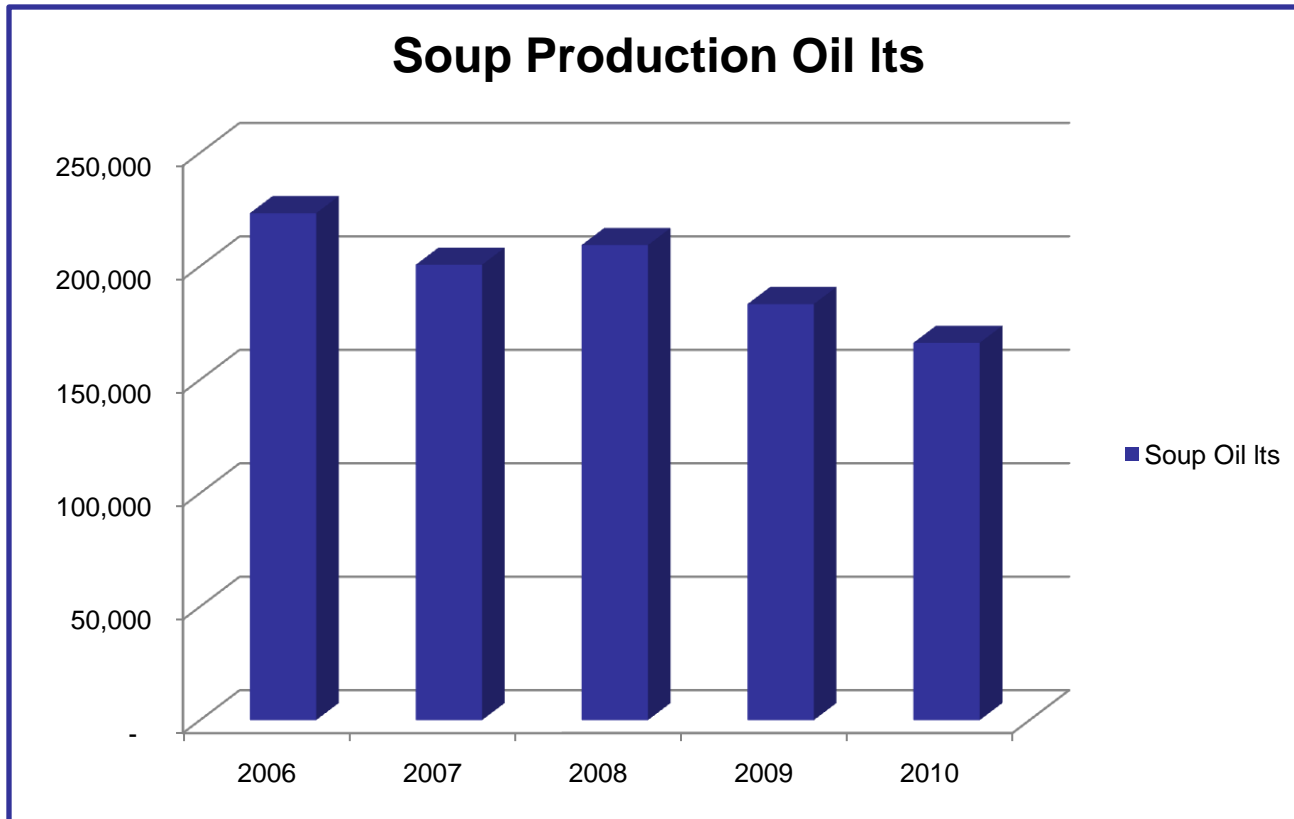
WHAT WE ACHIEVED TODATE



- 20% Reduction in kwh of electricity purchased



WHAT WE ACHIEVED TODATE



- **26% reduction in Its of oil purchased.**

