



# BS EN 16001 ENERGY MANAGEMENT STANDARD





**16001 — primary goal is to save money**

**WHY?**

**Low Energy Air Filters**



**We make LOW ENERGY AIR FILTERS**

**WHY?**



**Low Energy Air Filters**



**WHY?**  
*We Practice what we Preach*

**Low Energy Air Filters**



# Filters and energy conservation

- Production Facility ●
- Sales Office ●
- Agent ●
- Head Office ●



2009 global sales £420 million  
24 Production Plants, 4 R&D Centres  
3300 employees

Camfil Farr BS EN 16007  
Energy Management Standard  
1st Manufacturing Company in  
UNITED KINGDOM

2009 United Kingdom Sales £20 million

160,000 m<sup>2</sup> Production Plant

203 employees £500,000 energy usage

A black and white photograph of a ceiling with a square air filter grille. Numerous banknotes of various denominations (including £20 and £50) are shown falling from the grille, creating a sense of loss or waste. A hand is visible in the lower right corner, reaching up towards the falling money.

**How we did it?**

**Doing nothing is not acceptable**

[www.lowenergyairfilter.co.uk](http://www.lowenergyairfilter.co.uk)

Low investment v high savings  
Lighting and air filters  
Listened to our people  
Named C E A S E

## How we did it?

Used local environmental resource  
Involved BSI for basic energy system  
Aspects review and energy factors  
Audit and Certificate

# What did we Save?

Gas 35% Electricity 22% Fuel 19%

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# What are the benefits?

**BSI = compliance structure and guidance  
Early Action Metric for CRC**

# What are the Quick Wins?

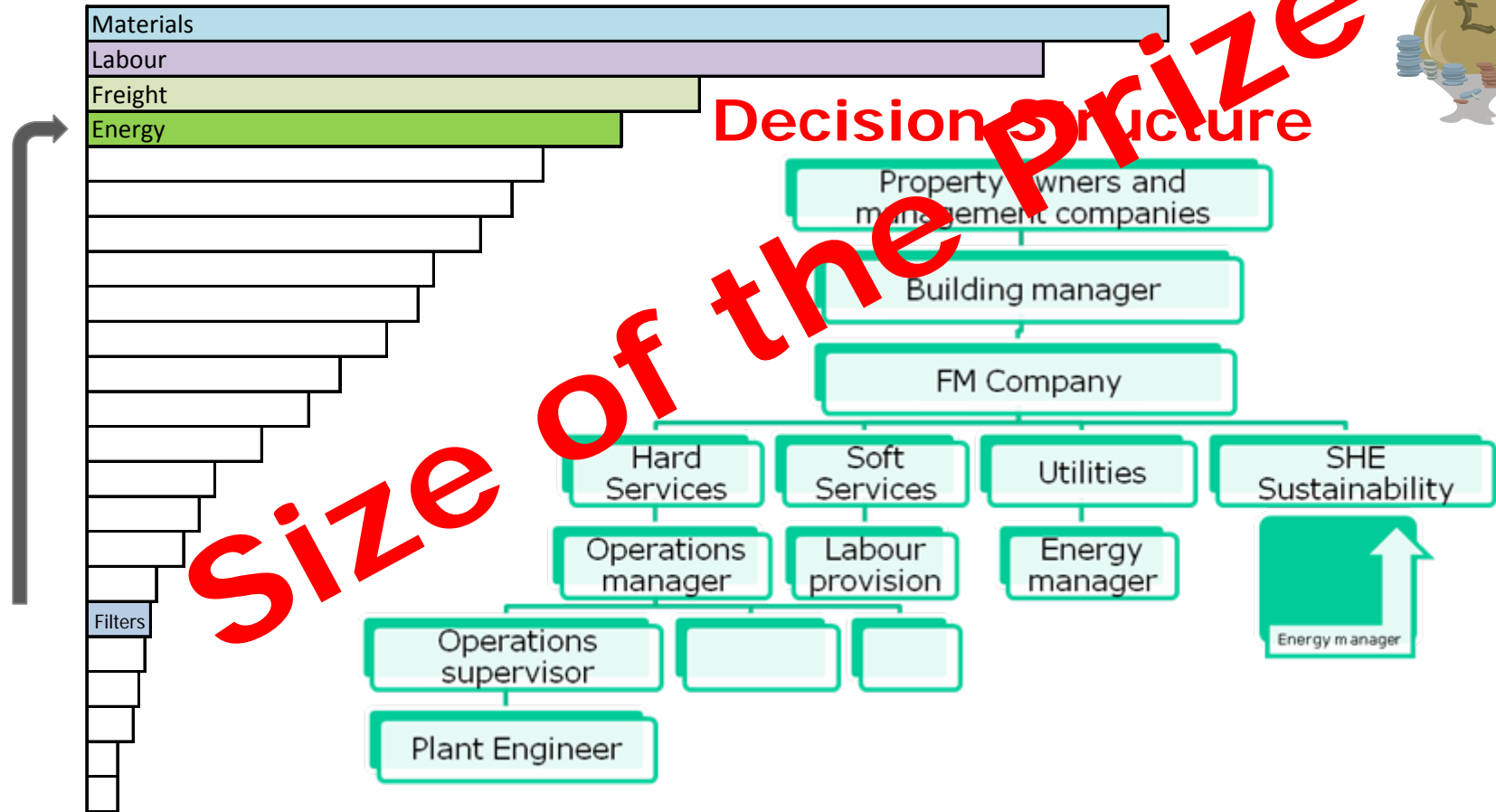
*Just Do It "micro actions for major changes"*

# What are the Quick Wins?

Measure and Monitor changes behaviour  
Air conditioning – space heating air filters  
HVAC – low energy air filters  
Lighting metal halides to fluorescents T5s  
Compressed Air – fix the leaks  
Freight – defensive driver training



# How important is Energy Budget



BS EN 16001

1<sup>st</sup> Manufacturing Company to Achieve Energy Management Standard

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THE COST OF CLEAN AIR

# Life Cycle Costs (LCC) software

Studies show that energy accounts for **70%** of the total lifetime cost of an installation.

The pro... This air... school...

The ultra... system is... storage... per... cubic... cleaning...

...ments of filter... systems in an... building...

...energy and for... a... process... energy... consumption of... equipment...

## Low Energy Air Filters





**Doing nothing wastes money**

[www.lowenergyairfilter.co.uk](http://www.lowenergyairfilter.co.uk)



**Thank You**  
***Stand 112***

***Webinar program in  
October and November***

**[www.lowenergyairfilter.co.uk](http://www.lowenergyairfilter.co.uk)**



C L E A N   A I R   S O L U T I O N S

**camfil**  
F A I R



# Estates Management & Sustainability

- Major focus on costs and saving the environment
- Our air filter solutions contribute to: -
  - Healthy indoor air quality
  - Reduced "carbon footprint"
  - Cut energy consumption
- 2nd Sustainability Report 2009  
Develop and maintain sustainable business practices



BS EN 16001

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## Low Energy Air Filters

# Influencing our suppliers

Education, Webinars, Open Days  
BS EN 16001 The benefits

