



Energy Management System (EnMS)

The business case

Insert the name of the company

Why a systematic approach to
energy management makes
business sense for us



Content/ Structure

1. What is being proposed?
2. The Current Situation
 - Energy consumption and costs
 - Energy cost trends
3. What is Energy Management?
4. What can be achieved?
5. What can WE achieve?
6. How does it work?
7. What do we do next?



What is being proposed?

- ✓ Reduced operating costs
- ✓ Reduced exposure to rising energy costs
- ✓ Improved reliability and productivity
- ✓ Reduced environmental impact
- ✓ Improved corporate image
- ✓ Alignment with ISO 50001

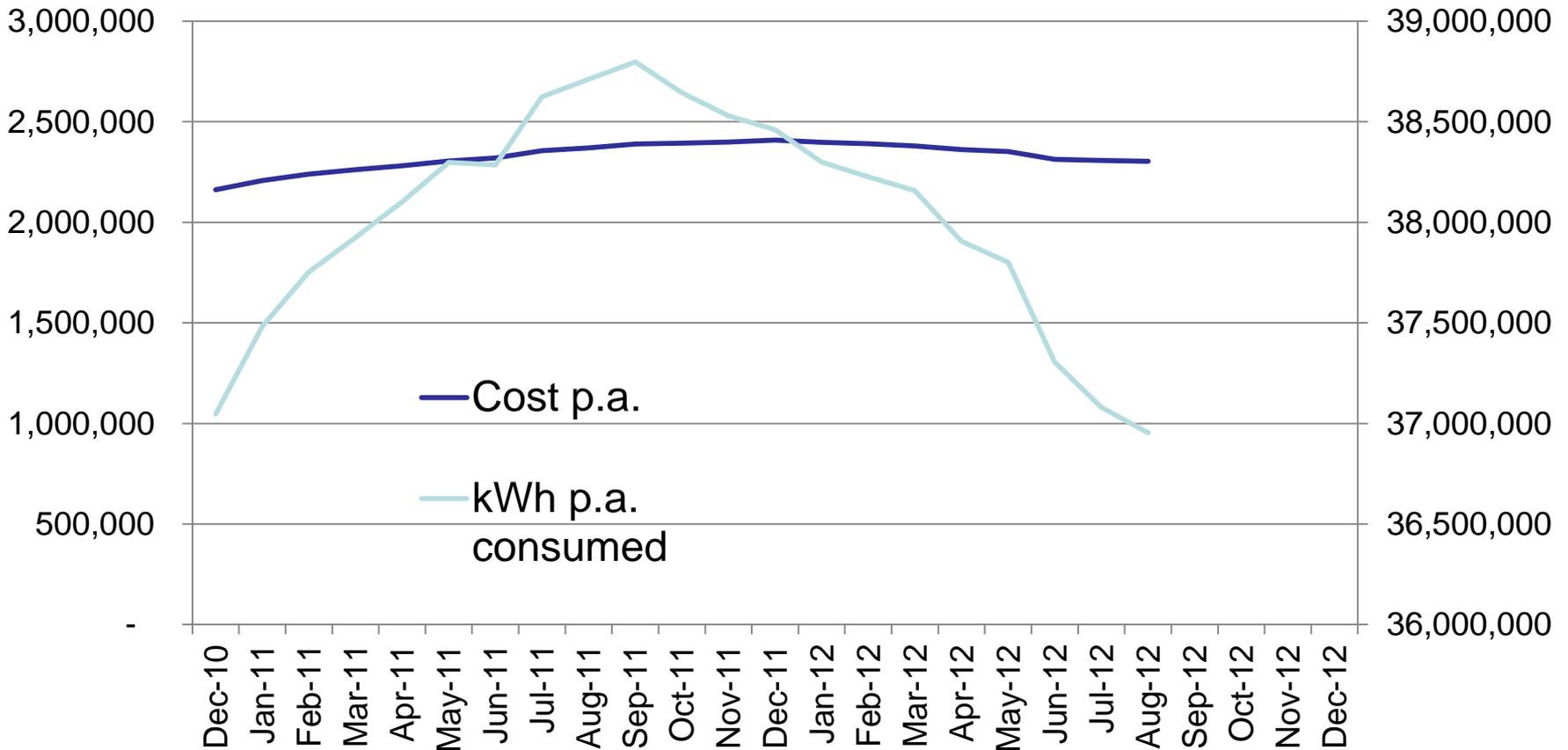
Initially based on low cost improvements



The current situation – energy trends

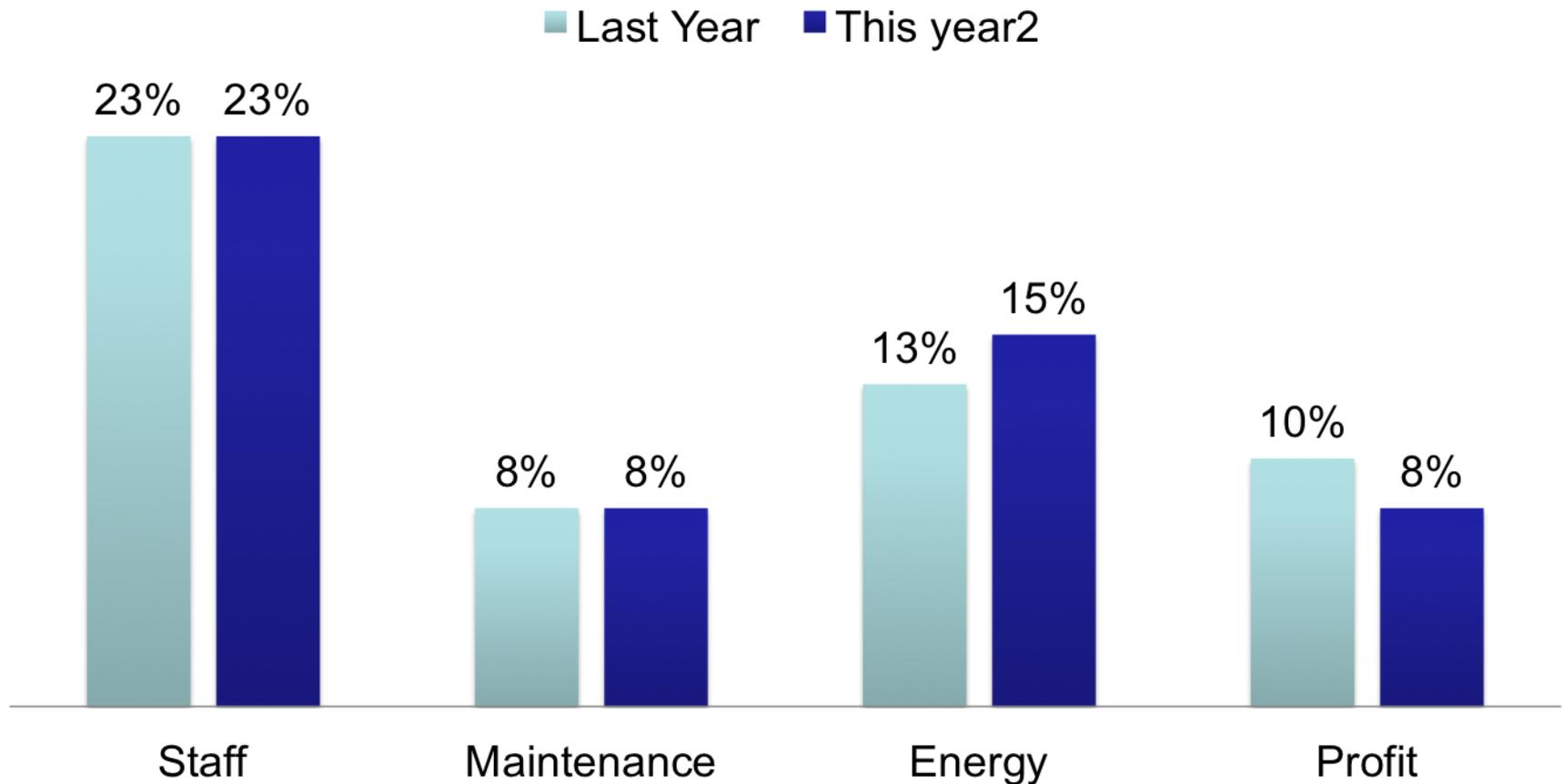
Energy Costs
[Currency]

Energy Consumption
[kWh]





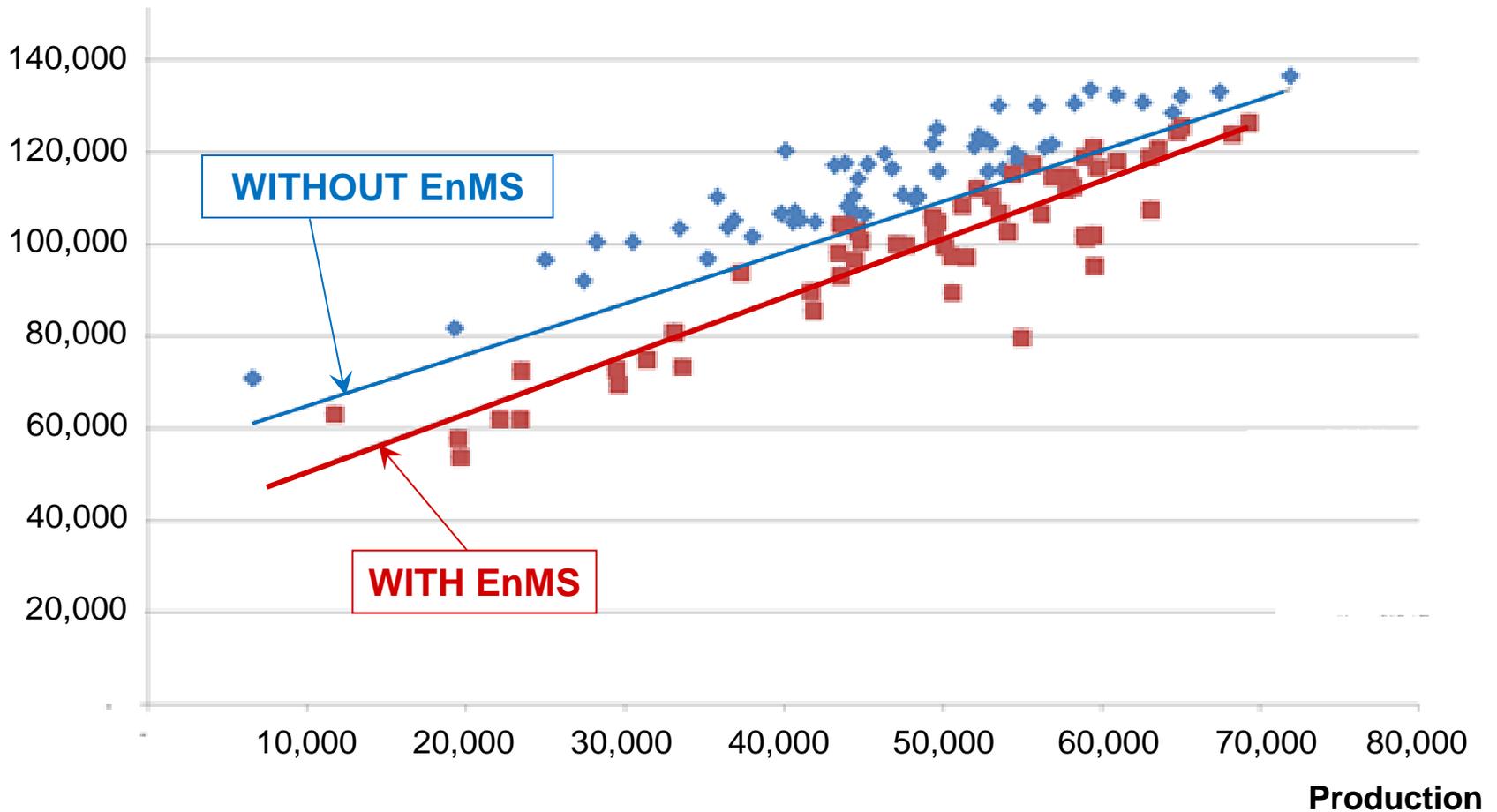
Relative % of turnover





What can be achieved with EnMS/ISO 50001

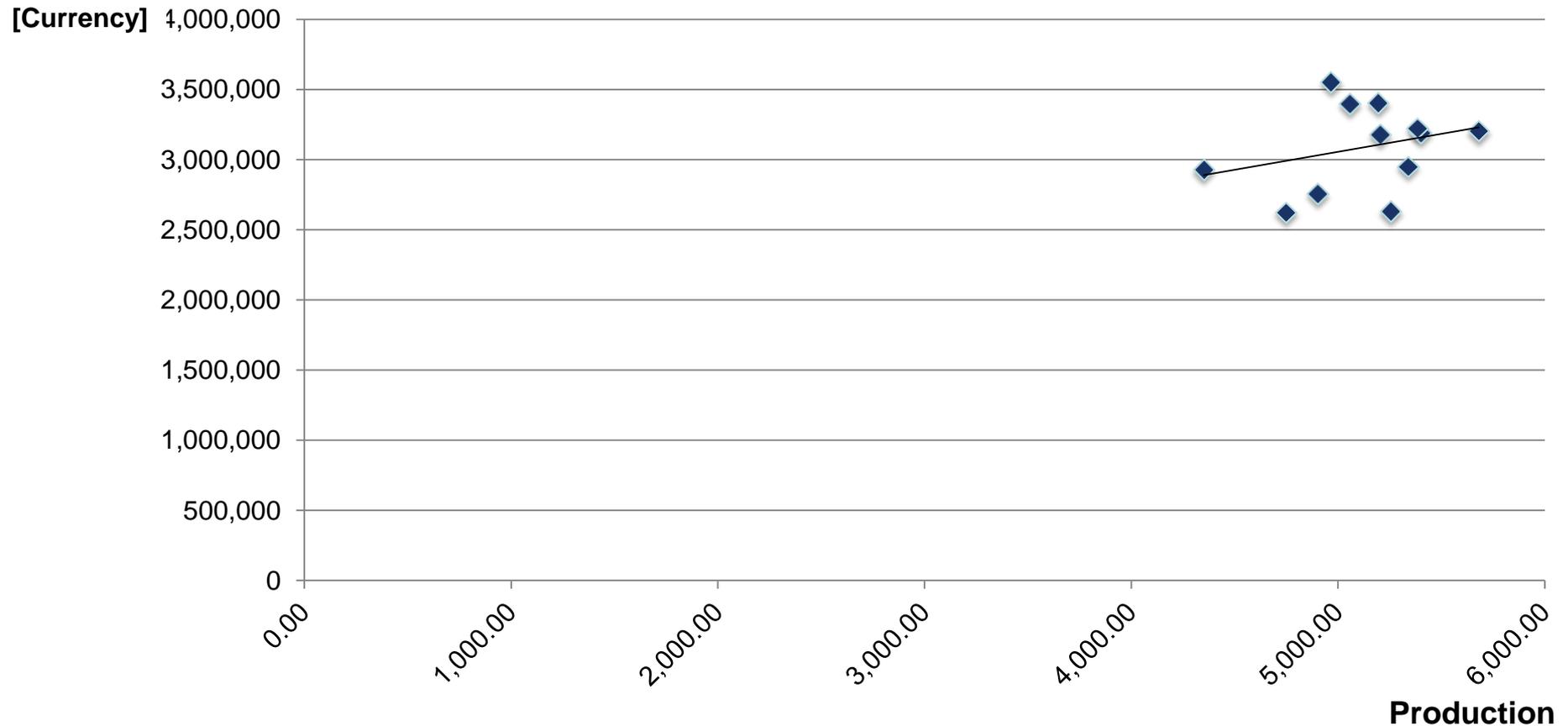
Energy Consumption





What can WE achieve?

Energy Consumption



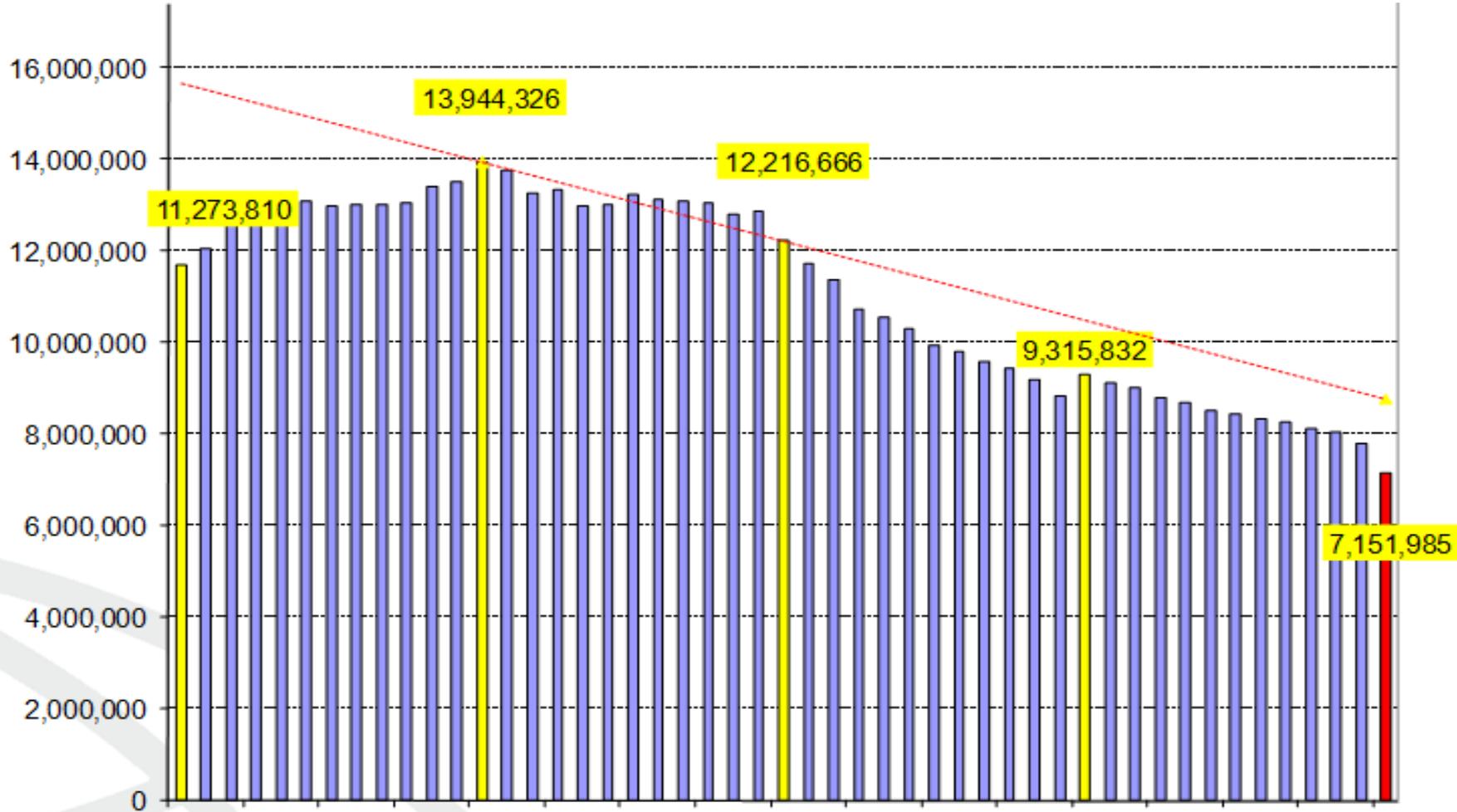
A decorative icon consisting of three overlapping, stylized leaves or petals in shades of blue, green, and yellow, arranged in a star-like pattern.

What is energy management?

- ✓ It is how we propose to manage our use of energy!
- ✓ We want to be more systematic
- ✓ We will combine the following:
 - Behaviour change among all employees
 - Behaviour change among management
 - Objective use of data to show performance
 - Technical improvement
 - Low cost operation and maintenance of existing equipment

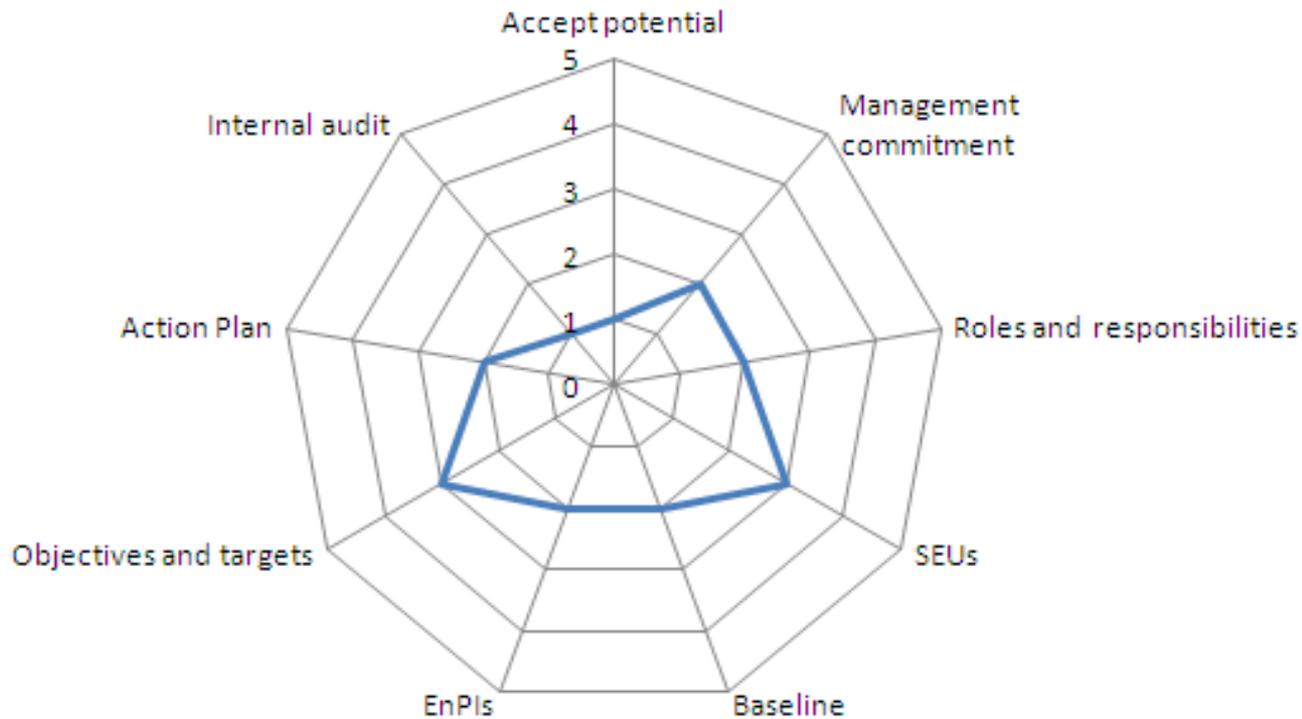
What can be achieved?

kWh of Natural Gas per annum





Our current level of energy management





How does it work?

- ✓ Gain commitment
- ✓ Plan what actions to take
- ✓ Take the action
- ✓ Check that they are working
- ✓ Build more commitment

A decorative graphic consisting of three overlapping, stylized leaves or petals in shades of blue, green, and yellow, positioned to the left of the main title.

What sort of actions will we take?

- ✓ Operation and maintenance initially
 - Fix leaks
 - Fix insulation
 - Switch off
 - Run optimum equipment
 - Optimum settings
 - Check controls
 - Training
 - Maintain improvements



What do we do next?

- ✓ Make a decision to go ahead
- ✓ We do not need financial investment until **AFTER** we start to show savings
- ✓ Viable investment projects may follow later
- ✓ We do need management commitment to improve
 - Some staff need to help
 - Some staff need to change behaviour
 - Some staff need training