FACTS ABOUT COMPRESSED AIR:

- In industry about 15% of electricity is used to generate compressed air.
- Compressed air is a highly inefficient form of energy to generate, with 90% energy being wasted as heat.
- On average, 50% of compressed air is wasted on non-productive demands.
- The energy cost will be typically 10 to 30 times the initial capital investment cost over a 10 year period.

Opportunities:

- Identify cost-effective energy efficiency opportunities.
- Improve productivity and reduce greenhouse gas emissions.
- Reduce maintenance costs, improve reliability and extend equipment life.
- Comply with regulatory requirements for reporting and obtaining funding.

3 Main Ways To Cut Compressed Air Costs:

1. First plug your leaks and minimise wastage (may avoid the need for new equipment)
   - Check for leaks.
   - Check for pressure losses.
   - Reduce pressure settings to minimum possible.
   - Ensure compressor room is well ventilated.
   - Check condensate drains are working properly.

2. Get the right equipment
   - Choose a compressor to match your usage.
   - Variable output.
   - Stepped output.
   - Multiple compressors.
   - Different sizes for different shifts.
   - Ancillary equipment to suit your application.

3. Proper maintenance and service your compressed air equipment
   Identify the appropriate maintenance program (breakdown, preventative or predictive) by asking yourself the following:
   - How important is the equipment to the overall production requirements?
   - Identify how often the equipment will be running?
   - What conditions the equipment will be operating in?