Energy Efficiency in Manufacturing SMEs
Domestic and International Policy Experiences

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The benefits and challenges for SMEs

**Challenges**

- limited capacity and resources
- restricted access to capital for improvements/expansions
- Uncertainty across manufacturing sector
- high Australian dollar and increased competition from cheaper imports
- high production costs
- tight profit margins

**Benefits**

- reduces energy costs
- reduces impact of future energy price rises
- increases productivity
- improves SME competitiveness
- is cost-effective; existing technologies often have low payback
- improves brand reputation
Domestic context

- Clean Technology Investment Program
- Clean Technology Food and Foundries Investment Program
- Energy Efficiency Information Grants
- Energy Efficiency Exchange
- Enterprise Connect
- Energy Saver (NSW)
Clean Technology Investment Program
Industry Sectors

Projects by Australian Manufacturing Industry Sector

- Furniture Manufacturing
- Sugar Manufacturing
- Petroleum and Coal Product Manufacturing
- Textile, Leather, Clothing and Footwear Manufacturing
- Cake, Pastry and Biscuit Manufacturing
- Pulp, Paper and Converted Paper Product Manufacturing
- Wood Product Manufacturing
- Prepared Animal and Bird Feed Manufacturing
- Transport Equipment Manufacturing
- Printing
- Machinery and Equipment Manufacturing
- Fruit and Vegetable Processing
- Dairy Product Manufacturing
- Basic Chemical and Chemical Product Manufacturing
- Non-metallic Mineral Product Manufacturing
- Polymer Product and Rubber Product Manufacturing
- Primary Metal and Metal Product Manufacturing
- Meat, Poultry and Small Goods Manufacturing
- Wine Manufacturing
- Food Product & Beverage Manufacturing n.e.c.
Energy Efficiency Information Grants

- Grants have been awarded to 46 recipients for a total of $34.3 million
  Grants range from $110,000 to $1.9 million
- Reach > 640,000 SMEs and 70,000 community organisations
- Covered sectors include agriculture, food processing, commercial property, community services, manufacturing, retail and tourism.
- Information activities include: training, energy audits, online interactive tools and factsheets

Links

- Energy Efficiency Opportunities website: www.energyefficiencyopportunities.gov.au
- Energy Rating: www.energyrating.gov.au
- Living Greener: www.livinggreener.gov.au/energy
- Smart Blocks: http://smartblocks.com.au
Government Support

- Enterprise Connect
- State programs
- Emissions Reduction Fund – from 1 July 2014