



Why Energy Efficiency?

Presented by Ryan McCarthy

helping communities reduce their ecological footprint

www.steplight.com.au



Steplight – what we do

Energy Assessments



Meters & Monitors



Sustainability Training



helping communities reduce their ecological footprint

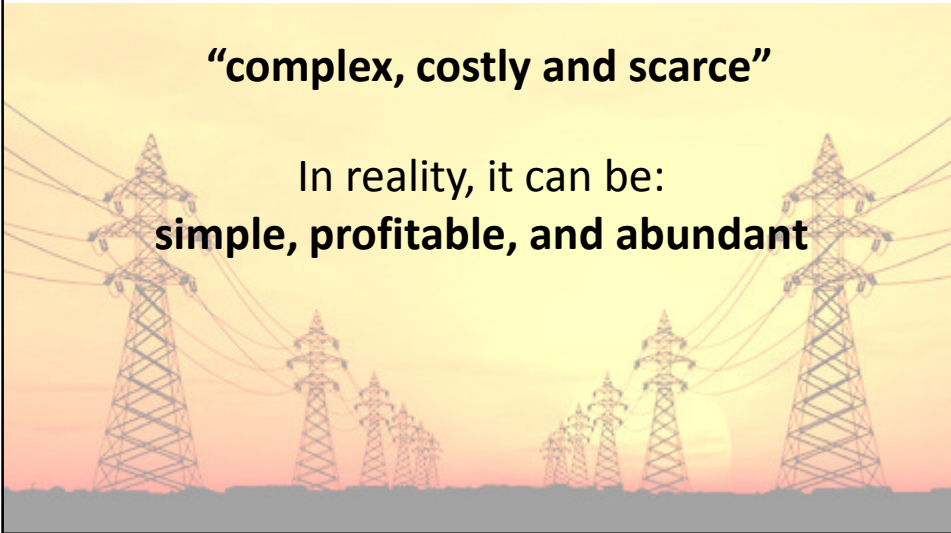
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Conventional wisdom on energy...

“complex, costly and scarce”

In reality, it can be:
simple, profitable, and abundant



Electricity in NSW (90% coal)



Only 30% of the energy contained in coal
makes it to your power socket.



Solar energy hitting the Earth in **1 Day** equals global energy consumption for **20 Years**

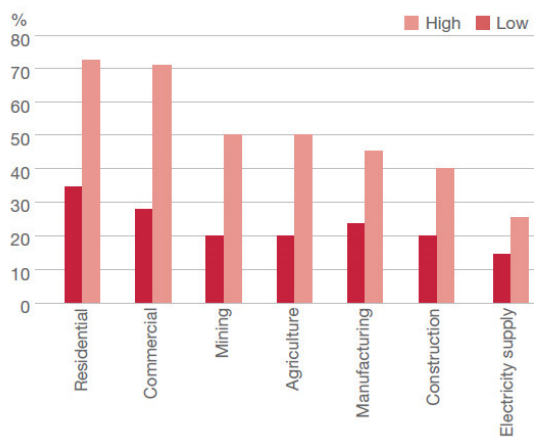
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Why EE? Huge scope for improvement

Cost-effective energy reduction potential across different sectors



Source: NFEE 2004

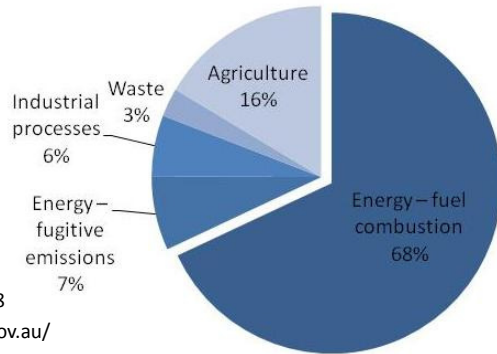
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Why EE? Reduce emissions

75% of Australia's greenhouse emissions come from energy usage (electricity, gas, transport, etc)



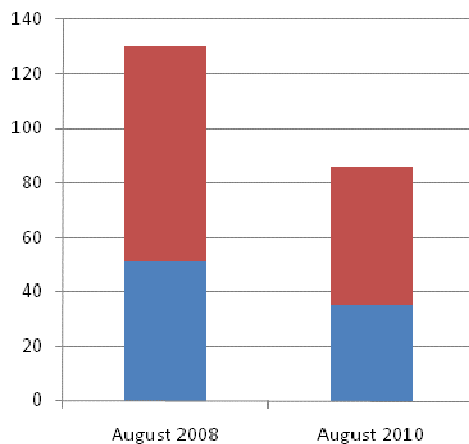
Right: Australia's National Inventory, 2008
available at <http://www.climatechange.gov.au/>

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Why EE? It's profitable, not costly



This business is now saving
~\$4,000 & 16,000kg's of
GHG per year.

■ Air Conditioning
■ Light and Power

30% reduction in electricity
consumption from about
\$2,500 investment.

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Next steps

1. Lunch!
2. Tangible actions (Q&A sessions)
3. Book an energy audit with the 3E Project

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