

Senate Environment and Communications References Committee
ANSWERS TO QUESTIONS ON NOTICE
Energy Efficiency Council
Inquiry into the Treasury Laws Amendment (Improving the Energy Efficiency of Rental
Properties) Bill 2018
Public hearing, 30 October 2018

International Energy Agency (IEA) research

The latest International Energy Agency figures on the benefits of energy efficiency are available here <https://www.iea.org/efficiency2018/>. A high level summary:

- While global energy use has grown since 2000, improvements in energy efficiency mean that global energy use is 12 per cent below what it would have otherwise been in 2017.
- Improvements in energy efficiency alone could provide more than 40% of the greenhouse gas abatement required between 2018 and 2040 for the world to meet the Paris Agreement on climate change.
- Improvements in energy efficiency are saving households in the UK and Japan an average of AUD \$420 per annum. In Germany energy efficiency is saving households even more – a whopping \$520 per annum off their energy bills.
- **Energy efficiency improved global productivity by an estimated \$2 trillion in 2017 - that's larger than the entire Australian economy.**
- The market for energy efficiency is growing. Across all sectors, energy efficiency investment grew by 3% in 2017 to USD 236 billion. The ESCO market increased by 8% in 2017 to nearly USD 29 billion. China is the largest market for ESCO services, accounting for around 60 per cent of the global market.
- However, the global energy efficiency market would need to more than double to meet the Paris Agreement. Average annual global investment needs to grow to over USD 584 billion between now and 2025, and then to nearly USD 1.3 trillion per year between 2026 and 2040.
- Policy is the major driver in energy efficiency activities. While many countries have made great strides in recent years, progress has slowed, which means that the world is failing to tap the full potential of energy efficiency to grow the economy and reduce greenhouse gas emissions.

Energy efficiency rating data – Canberra

The source of the figure that around 43% of rental homes in Canberra have an energy efficiency rating of ZERO:

https://d3n8a8pro7vhmx.cloudfront.net/betterrenting/pages/42/attachments/original/1523488292/The_energy_efficiency_of_rental_properties_in_the_ACT.pdf?1523488292

Reports on the popularity of rental standards

1. NATIONAL 80% of voters support minimum standards for rental properties <http://www.eec.org.au/policy-advocacy/projects-partnerships/survey-of-community-views-april-2018>
2. VICTORIA: 100% of tenants and 70% of landlords support minimum standards for rental properties

Reports on health and energy efficiency

- https://www.iea.org/publications/freepublications/publication/Multiple_Benefits_of_Energy_Efficiency.pdf
- <https://www.sustainability.vic.gov.au/About-Us/Grants-and-Funding/Victorian-Healthy-Homes-Program>