



3E PROJECT
ENABLE ENERGY EFFICIENCY



[Energy Efficiency](#)
[Workshop](#)
[Testimonials](#)

“Training was so useful”

“Great information, more community members can benefit from this too”

“Excellent presentation; informative and interesting”

“I have learnt a lot and will be able to use this information for myself and other community members. Many, many thanks.”

“Great workshop, very informative. Presenters were great and very knowledgeable about the subject.”

What to Expect from a 3E Project Workshop?

The 3E Project has designed energy efficiency workshops in order to provide support to small and medium businesses and community organisations through education in energy efficiency. It provides target groups with accurate and relevant information to save energy, save money and reduce their carbon footprint.

The workshop has been designed to ease participants into the topic of energy efficiency, whether they're interested in the broader goal of helping the environment or saving money, or both. It begins with an introduction to sustainability and climate science, then discusses energy efficiency measures that are common to many business types. Participants typically leave with the knowledge that there are many simple and cost-effective ways for a business to become more energy efficient, both through behaviour change (no-cost) and affordable equipment upgrades.

The workshops are delivered by energy efficiency specialists from the 3E Project, who have strong practical knowledge about energy efficient practices and products. There is opportunity for discussion around common equipment upgrades in areas such as lighting, refrigeration, air-conditioning, water heating, etc. Additional information is provided in the form of fact sheets and links to organisations that can help implement these changes.

The workshops have been a great success in helping people make informed decisions about energy efficiency. They're also completely free of charge as part of the Energy Efficiency Information Grants (EEIG) Program funded by the Department of Industry, so there is much to gain and very little to lose by attending.

The next workshop, entitled “Energy Essentials and Energy Efficiency Training” is scheduled for November 1st in Penrith. This one is designed to teach community workers about energy reduction measures and why energy efficiency is profitable and not costly. Participants will also hear from the Energy & Water Ombudsman about current energy issues.

Register for a free workshop : <http://3eproject.org.au/workshops/>

Barriers in using the Benefits of Energy Efficient Products and Behaviours



The Community Migrant Resource Centre, formerly known as the Hills Holroyd Parramatta Migrant Resource Centre is a community based, non-profit organisation established to promote the well being of migrants, refugees and humanitarian entrants. The Community MRC delivers projects on social enterprises, leadership, capacity building, advocacy on topical issues, education, health and livelihood skills.

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Parramatta NSW 2150
PO Box 1801, Parramatta



NSW 2124

3E One-Stop-Shop

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Email: info@3eproject.org.au

Energy efficient products have been available for a number of years and yet they are still not being utilised by the vast majority of the business community. There are a number of barriers that have prevented people from entering into these highly beneficial practices. These barriers include:



Upfront cost -These are in the short term issues but in the long term are very minor. Businesses that have made an initial payment of \$2500 have had savings of \$4000 dollars a year because of these energy efficient changes. You can see some of these success stories on our website.

Time constraints-This is again an issue of short term pain for long term gain. Having to close the business for a day or week is hard for any business especially a small one where every dollar is valuable but the thing is the savings will make up for that initial loss in no time.

Public Data-Energy efficiency has only recently come to the forefront of talks and debates. There has not been a lot of information available on the subject and it has not been regularly advertised and promoted to the business community especially the CALD small and medium business community. Governments and organisations such as the CMRC are seeking to address this issue by providing accurate and relevant information on the 3E website, through workshops and assessments. If you go to our website there are links to a variety of helpful services : www.3eproject.org.au

Information gaps and language barriers-Language can be an issue especially in the CALD business community but information is now being translated and presented in a variety of languages by the CMRC and Government agencies.

“Evidence shows that most businesses can reduce energy consumption by 20% through equipment maintenance and upgrades, smarter building systems and materials, and energy-efficient technology”

Source: www.trade.nsw.gov.au

Energy Efficient Resources for Businesses

Environmental Checklist for Auto Industry

<http://www.greenstamp.mtansw.com.au/checklists.php>

Going through a checklist every month or so can be a great way to ensure that your business is completing all of its environmental legislative requirements and best practice.

Office Ecological Footprint

Calculator

<http://www.epa.vic.gov.au/ecologicalfootprint/calculators/default.asp>

Discover your office 's ecological footprint
project-fact-sheet-automotive3.pdf

<http://the3eproject.files.wordpress.com/2012/10/3e-project-fact-sheet-automotive3.pdf>

Free Energy Audit/Assessments

The 3E Project provides free energy audits/assessments to SME's and Community Organisations throughout Western Sydney. 3E Field Assessors will go review client's energy consumption through their electricity bills. They will provide some on sight information at the walk-through assessments initially and then will conduct a full review and provide a report to demonstrate to the clients where the largest proportion of their energy consumption comes from. From that information they will provide a strategic plan to the business on how they can save energy which may include behavioural changes or product and infrastructure changes.



Register for a free audit : <http://3eproject.org.au/energy-audits/>

Up and Coming 3E Workshop at Penrith

Energy Essentials and Energy Efficiency Training Work workshop is to help community workers become aware of energy reduction measures and why energy efficiency is profitable, not costly and also hear from the Energy & Water Ombudsman about current energy issues.

Date: Friday 1 November 2013

Venue: Penrith Pools Quarter Deck Function Centre, 119 Station Street, Penrith

Time: 10am till 12:30pm. Register on line at : 3eproject.org.au



ENERGY
SAVING
TIPS

Heating, Ventilation and Air- Conditioning (HVAC)

- **Switch HVAC equipment off in areas of low usage**-use timer switches and zone controls to optimise usage
- **Ceiling fans are the more energy efficient form of cooling**
- **Minimise heat producing equipment**
- **Try to set the thermostat 1-2 degrees higher in summer and 1-2 degrees lower in winter**

Energy Sources and Efficiency

Australia is a country with an abundance of energy resources. We use and export a large amount of these resources including coal and gas. Non-renewal energy sources are oil, coal and gas.

Coal– Roughly 90% of NSW electricity is generated by coal fired power stations. The issue is that coal mining causes environmental degradation and releases large amount of CO₂. It is also very inefficient with 70% of the energy generated lost in the burning process.

Natural Gas-This is a relatively clean and efficient form of energy but the issue with it is that there is a finite amount within the earth .

Issues in the finite amounts of these resources and the lack of efficiency in them requires a new mode of thinking and new practices to be made. Renewable energy sources such as solar , wind and hydro-power have to be researched and implemented. This is being seen in other major countries around the world such as China (World leader in wind and hydropower) and Germany (World Leader in solar power). Germany has also for a long time been an international market leader and innovator in energy efficiency. Due to its finite access to energy resources it has required Germany to make the very most out of what they have and can import. They can provide lessons to the world and Australia on how to conduct themselves in regards to energy efficiency.

Renewal energy sources are solar, wind and hydro.

One of the cheapest and smartest source of energy available is energy efficiency. Other renewal energy are solar-Photovoltaic, thermal and Green Power.



Australian Government
Department of Industry

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"The views expressed herein are not necessarily the views of the Commonwealth of Australia, and the Commonwealth does not accept responsibility for any information or advice contained herein."

