

# An Energy Saving Initiative to KICK START 2012

## Invitation to Participate

RMIT University and NORTH Link have been running energy cost savings projects for several years, using final year Bachelor of Engineering and Master of Engineering (Sustainability Energy) students. The completed student projects for 2011 were presented last November at RMIT, and featured substantial achievements in cost reduction and energy efficiency. You are invited to take advantage of this innovative program to reduce costs and improve carbon footprint. During 2011, students worked on projects as listed overleaf for:

- ▶ Air Services Australia
- ▶ Animal Land
- ▶ Austin Health
- ▶ Baxter Foods
- ▶ Capral
- ▶ Colonial First State
- ▶ Dolphin Products
- ▶ Edlyn Foods
- ▶ Innovia Films
- ▶ John Holland Air Services
- ▶ Melbourne Airport Corp
- ▶ Melbourne Water
- ▶ One Steel
- ▶ Schiavello
- ▶ Sealed Air Cryovac
- ▶ Sutton Tools

Model hydrogen fuel cell truck with undergraduate Bachelor of Engineering (Mechanical) students Sinan Aizad and Schalokh Saleem with NORTH Link Executive Director Mick Butera and Associate Professor John Andrews, RMIT University.



For more information or to participate in the program, please contact **Mick Butera**, Executive Director, NORTH Link [m.butera@latrobe.edu.au](mailto:m.butera@latrobe.edu.au) or (03) 9479 3337

## Energy Efficiency Projects 2011

Company	Project	Students	Degree program
Air Services Australia	Reducing aircraft emissions through more efficient air traffic control procedures	Dalong Zhang	B Eng (Aero)
Animal Land	Biogas from piggery wastes	James Tetlow	M Eng (Sustainable Energy)
Austin Health	Replace steam chiller by energy efficient electric chiller	Mishra Ramchander	B Eng (Mech)
Baxter Foods	Audit to review options to better use energy	Ali Kazmi	B Eng (Manu)
Capral	Potential for onsite cogeneration	Jomy Antony	M Eng (Sustainable Energy)
Colonial First State	Queen Victoria Centre energy audit	San Yat Amin	B Eng (Auto)
Dolphin	Insulation of injection moulding machines	Neno Brkic	B Eng (Manu)
Edlyn Foods	Upgrade compressed air to more energy efficient unit + Energy audit	Nathan Chapman	M Eng (Sustainable Energy)
Innovia Films	Carbon footprint for plant and/or energy efficient water recycling	Serkan Hasan	B Eng (Mech)
John Holland	Aircraft maintenance review progress with earlier audit measures implementation	Pongsiri Inna	B Eng (Aero)
Melbourne Airport	Improving energy efficiency of air handling units	Jason Chan	B Eng (Mech)
Melbourne Water	Review of selected potential renewable energy supply options	Joshua Smedley	B Eng (Manu)
Melbourne Water	Growing algae as biofuel	Salinee Banjongkarn	M Eng (Sustainable Energy)
Melbourne Water	Auditing energy efficiency in major pumpstations	Quentin Wolbrandt	M Eng (Sustainable Energy)
One Steel	Reduction of waste streams at Somerton plant	Varun Googoolye	M Eng (Sustainable Energy)
Schiavello	Follow up on earlier audit	Fred Rodriguez	M Eng (Sustainable Energy)
Schiavello	Improved passive solar design for new office building	Bulgan Tumor and Ilker Pekozer	M Eng (Sustainable Energy)
Sealed Air Cryovac	Optimised compressed air use for low pressure applications in manufacturing process	Ishan Gajjar	B Eng (Manu)
Sealed Air Cryovac	Energy and cost effective ways to reduce VOC emissions in printing	Dulanka Weraduwege	B Eng (Manu)
Sutton Tools	Energy audit	Ibrahim Leman	B Eng (Manu)
<b>16</b>		<b>20</b>	<b>12 B Eng</b>
			<b>8 M Eng SE</b>