

P L A N E

TALKING

ADELAIDE AND PARAFIELD COMMUNITY AND STAFF NEWSLETTER **DECEMBER 2011**

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Adelaide Airport

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Mark Young

MD'S COMMENTS

It is an absolute privilege to take on the role as AAL's Managing Director.

I'm excited about the opportunities and challenges ahead as we strive to continue the airport's growth and maintain our standing as Australia's most modern major airport, and I am confident that our team will achieve this.

I look forward to working with you all as I settle into my new role and we position the businesses of Adelaide and Parafield Airport to continue their significant contribution to the economic growth of the State.

Given this is the final Plane Talking for 2011, it provides an opportunity to reflect on the past year.

All in all it has been a quiet 12 months for the aviation industry... if you don't take into account floods, cyclones, earthquakes, tsunamis, volcanic eruptions, airline suspensions, protracted industrial action and fleet groundings!

Clearly all of these events combined have had a significant impact on our business, and it's no surprise that our domestic passenger numbers have dropped as a result.

However, amidst the turbulence, there is a lot to be proud of in the way we have gone about our business.

We completed the runway and taxiway resurfacing project ahead of schedule, on budget and with zero complaints from our neighbours. The project was responsible for Adelaide Airport being named 2011 Capital City Airport of the Year by the Australian Airports Association, and it was deservedly successful at the recent national Australian Institute of Project Management Awards. I congratulate all involved.

Similarly, the new multi-level car park, part of the Landside Infrastructure Project, is starting to dominate the skyline, and again I commend the project team for the way they have managed the project. We acknowledge that there has

been some disruption to our customers, and we've been doing everything we can to keep those disruptions to a minimum. However there are plenty of reasons to look forward to the completion of the new car park and plaza given the significant improvement for passengers and visitors.

Meanwhile our T1 retail team picked up three more accolades at the 2011 Property Council of Australia (SA) Shopping Centre Awards.

In other infrastructure works, the upgraded Terminal Area RADAR (TAR) has been commissioned and the new Airservices Australia air traffic control tower is complete.

From a property development perspective, Boart Longyear's warehouse facility at Burbridge Business Park has been officially opened, and construction has commenced on AFP's new headquarters within Export Park. This was a significant milestone as AAL looks to provide quality infrastructure for the mining and mining services industry.

I am also pleased to announce that we recorded our best ever monthly result for international passenger numbers (54,000) in October, a remarkable achievement given the turmoil on the domestic front.

The outlook is just as bright - with Cathay Pacific introducing its first non-stop services from Adelaide to Hong Kong, while Singapore Airlines, Malaysia Airlines, Air New Zealand and Virgin Australia (Pacific Blue) have all added flights to their summer (northern winter) schedule.

Finally, I would like to take this opportunity to personally thank all of our staff, plus our directors, shareholders, consultants, customers, regulators, border agencies and suppliers, local residents and all levels of Government for their support in 2011.

Best wishes to you and your families for a safe and happy holiday season, and a peaceful and prosperous year ahead.

ADELAIDE NAMED CAPITAL CITY AIRPORT OF THE YEAR - AGAIN!

Adelaide Airport has been voted Australia's Capital City Airport of the Year by its peers at the Australian Airport Association's National Industry Awards, held in Brisbane last month.

It is the third time Adelaide Airport has won the award in the past six years, having also been successful in 2006 and 2009.

The Australian Airports Association in particular recognised Adelaide Airport for completing one of Australia's largest runway resurfacing projects on budget, ahead of schedule and with no flight disruptions or community concerns raised.

The association said the Adelaide Airport team was "to be congratulated on the success of a major project that will ensure that the airport continues to deliver

significant social and economic benefits to Adelaide and South Australia as a whole".

Adelaide Airport Ltd (AAL) Managing Director, Mark Young, said the achievement was an outstanding result for the airport and its staff, and in particular for its project management team.

"This award is testament to a great team that has excelled in risk and project management," Mr Young said.

"The team's efforts in talking with and listening to the local community, and identifying environmental and other issues was a stand out.

"Adelaide Airport Ltd is proud of what we have been able to achieve, both in terms of running an efficient domestic

and international airport and through our interaction with the community and stakeholders."

Former AAL managing director, Phil Baker, also was recognised for his contribution to the industry by being presented with the Aviation Personality of the Year Award.



John McArdle, Vince Scanlon, Stephanie Bolt, Brett Eaton, James Low and Mark Young accepting the award.

THE AWARDS KEEP ROLLING IN

The runway overlay project, responsible for Adelaide Airport being named 2011 Capital City Airport of the Year Adelaide Airport Ltd (AAL), also won a major national project management award in October.

AAL, together with Beca Consultants, was awarded the national prize for construction or engineering projects less than \$100 million at the Project Management Achievement Awards hosted by the Australian Institute of Project Management in Brisbane.

As reported in previous editions of Plane Talking, the 6-month runway resurfacing project, completed in April this year, was very complex and required wide-ranging consultation with airlines, government and the local community.

It required more than 400,000 square metres of pavement to be resurfaced with close to 60,000 tonnes of asphalt - the equivalent of re-sealing a 40km stretch of highway.

AAL Managing Director, Mark Young, said the project was believed to be the largest of its type undertaken in Australia.

"Usually airports choose to split such a large job into smaller projects, but we worked out a way to complete the work in one hit and minimise disruption to all stakeholders," he said.

"Our project team, led by Jimmy Low, worked very well together to come up with a successful and innovative approach in a challenging, highly regulated environment."



AIPM's Steve Milner with Jimmy Low and Beca's Mark Wilson.



MARK YOUNG APPOINTED NEW MANAGING DIRECTOR

Adelaide Airport Ltd (AAL) recently announced the appointment of Mark Young as its new Managing Director. Mr Young officially took up the position from November 1, 2011.

Chairman David Munt said Mr Young, who has been AAL's Chief Financial Officer since 2001, brought considerable experience and a strong understanding of the airport's operations to the role.

"Mr Young has played a key role in Adelaide Airport's expansion and stunning passenger growth over the past decade," Mr Munt said.

"He also led the successful \$405m capital raising program throughout 2010 as part of AAL's refinancing and expansion strategy, and has maintained the company's strong credit rating and healthy balance sheet.

"Mr Young has demonstrated he has a clear vision for the ongoing growth of Adelaide Airport, from an aeronautical, property and business development perspective."

Prior to joining AAL, Mr Young was Chief Financial Officer and Company Secretary with San Remo, and Finance Director for Macmahon Holdings Limited.

He has a Bachelor of Economics (Accounting) at the University of Adelaide and is a Fellow of the Australian Society of Certified Practising Accountants and a Fellow of the Australian Institute of Company Directors. Mr Young recently completed an Advanced Management Program at the Harvard Business School in the US.

Former managing director Phil Baker will continue with AAL until December 31, 2011 to assist with a smooth senior executive transition.

Mr Munt congratulated Phil Baker for his outstanding efforts in leading AAL from its inception in 1998 when it took over the operations of Adelaide Airport from the Commonwealth Government.

"Mr Baker has taken a fledgling company and turned it into Australia's most modern and efficient capital city airport. He has achieved this despite significant challenges such as the impact of September 11, the collapse of airlines and the global financial crisis," he said.

"The completion of the T1 building is testament to his hard work and dedication to this company."



STATE WINNER

Mr Grant Drummond, General Manager Operations at Ceduna Airport, received the Executive of the Year at a Regional or Remote Airport Award at the Australian Airports Association National Industry Awards last month. Mr Drummond was described as an exceptional individual whose work ethic, commitment to aviation in general and dedication to ensuring even the smallest of airports are represented and given a fair go was second to none.

Under Mr Drummond's guidance, the airport is run as a successful stand-alone business unit that is committed to excellence in every area. He is also a mentor to all AAA airport members in South Australia.



MUSIC ON FRIDAYS

Adelaide Airport's T1 regularly features live music on Friday evenings to entertain passengers arriving home from business or about to fly out for a holiday or weekend away. Regular acts include Vogue, e'nuf said, Shine Music and Jazz Trio. T1 visitors have even been known to join in the fun as shown by this photo of a couple dancing.

This month, customers will also be entertained by the Australian Girls Choir singing Christmas carols, and a few surprise visits from Santa Claus.

RETAIL AWARDS SUCCESS

Meanwhile, AAL also has picked up three prizes at the Property Council Australia (SA) Shopping Centre Awards. The company received awards for all

three categories in which it was nominated for 'Shopping Centres Under 10,000sqm' - namely Excellence in Presentation, Excellence in Environmental

Sustainability and Excellence in Marketing (working with the community).

AAL has had success at every awards event since 2006.



Team AAL: Kyra Gustavsson, Alice Dwyer, Renae Eden, Amy Mitchell, Ken May, Lynette Martin, Laura Fearnley, Phillipa Crawford and Gill Buckler.

BAKER'S DOZEN A REFLECTION OF PHIL'S YEARS IN CHARGE



2002

Projects Phoenix and Tesna all attempt to resurrect T1; Helicopter relocation; Harbourtown commences; Management organisational structure reviewed.



2008

Hotel project gets Federal Minister's approval; AAL celebrates 10 years; Solar project in T1 turned on.

2010

Overlay project commences; New control tower project out of ground; Landside Infrastructure Project (LIP) enabling works started adjacent T1.

1999

Initiated project for Multi User Integrated Terminal (MUIT); Expansion of International Apron completed; 1st Master Plans approved.



2005

Airport celebrates 50th anniversary; Prime Minister John Howard opens T1; Fuel contamination delays domestic transfer.



2003

Re-negotiated long-term lease with airlines; MUIT project re-opened with new team - Mike Rann turns first sod on T1.



2009

Adelaide Airport wins Australian Capital City Airport of the Year Award; Master Plan Mk III approved.

2011

LIP project commences - link bridge approved by Minister; Parafield Master Plan community consultation begins; Capital City Airport of the Year Award - again!

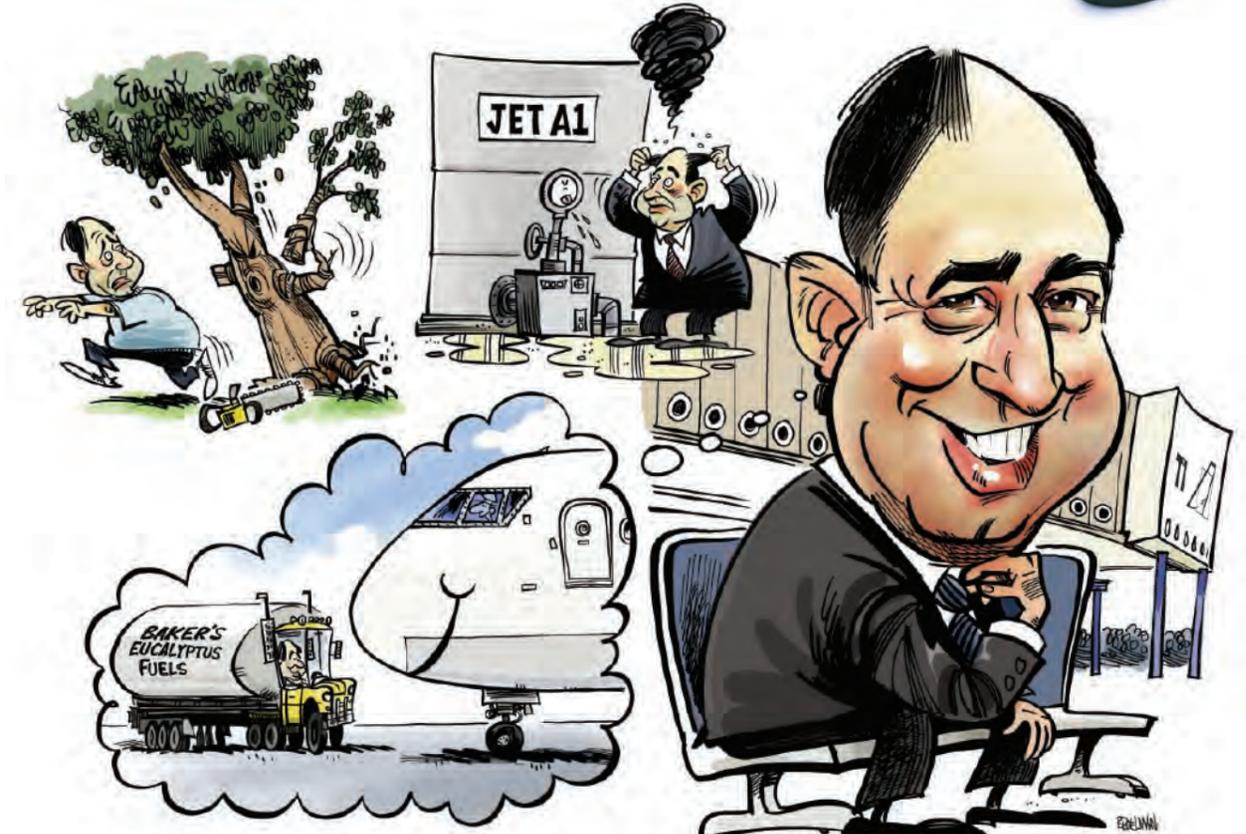
2000

Curfew becomes Law - Airports Curfew Act 2000 and Regulations; Noise Insulation Project - Government ignores AAL's proposal; Virgin Blue starts operations from a marquee.



2006

Domestic Operations transfer to T1; AAL named Australian Capital City Airport of the Year.



2004

IKEA Project commences; Master Plan Mk II approved; Passenger growth exceeds expectations; Phil Baker wins Aviation Personality of the Year.



2001

Terminal project terminated - collapse of Ansett; Parafield Aquifer Storage and Recovery project.



2007

ACI Award for Quality of Service; Taxi industry dedicated amenities and training program; Parafield 80th anniversary.

PARAFIELD TRAINING SCHOLARSHIP



Parafield Airport Ltd, with the support of Flight Training Adelaide, the City of Salisbury and Northern Futures, has offered a young person (18-25) living in or active in the Salisbury community the chance to be awarded a Flight Training Scholarship valued at \$60,000.

The scholarship will allow the successful candidate to obtain a Commercial Pilot Licence and well and truly kick start their career in aviation. It includes the direct cost of Commercial Pilot Training with Flight Training Adelaide, plus uniforms.

Candidates were asked to demonstrate their desire to undertake a career in aviation, and their willingness to commit to the required studies and flying activities.

Judging of the entries is now under way, with the winner to be announced in January 2012.

RECOGNITION FOR SPORTS SA HALL OF FAMERS

Several of South Australia's greatest sports stars were on hand for the opening of the Sports SA Hall of Fame Exhibition at Adelaide Airport in November.

Football (soccer) star John Kosmina, equestrian's Gillian Rolton, sprinter Diane Burge, squash champion Vickie Cardwell (Hoffmann) and motor racing's Vern Schuppan joined Sports SA President John Dicker and AAL's Kyra Gustavsson to launch the exhibition, positioned on the Departures level adjacent the main escalators.

A total of 28 sports stars have been inducted into the Sports SA Hall of Fame, including Ian Chappell, Malcolm Blight, Michael Turtur and Victor Richardson. Three have been elevated to 'Legend' Status: Sir Don Bradman, Barrie Robran and Bart Cummings.

Adelaide Airport Ltd, and in particular the T1 Shopping retail team, agreed to provide space for the exhibition as part of its sponsorship of the Hall of Fame.



Gillian Rolton, Vern Schuppan, John Kosmina, Vicki Cardwell, Kyra Gustavsson and Diane Burge at the Hall of Fame exhibition launch.



NEW BOART LONGYEAR ASIA PACIFIC HQ

Boart Longyear Limited, the world's largest integrated mineral exploration products and services company, has opened its new Asia Pacific Regional Headquarters in Burbridge Business Park at Adelaide Airport. The new facility consolidates on a single site the Company's former Adelaide premises at Mitchell Park and Lonsdale.

SA Minister for Mineral Resources & Energy, Tom Koutsantonis, officiated at the opening of the new facility, which houses some 160 employees.

The new 7300 square metre facility is co-located with the Deep Exploration Technologies Cooperative Research Centre (DET CRC), which will deliver research programs in cheaper, safer and more

environmentally-friendly ways to drill, analyse and target deep mineral deposits.

As well as housing Boart Longyear's Asia Pacific Headquarters staff, the new Adelaide facility is home to Sales, Marketing, Finance, HR, Employee Health & Safety, Training, Operations and Engineering Support personnel, servicing large mining houses and mineral drilling contractors in Australia, New Zealand, Thailand, Indonesia, the Philippines, Malaysia, India, China, other Asian countries and parts of Africa.

The facility includes a 5300 square metre workshop which is a centre for the overhaul, repair and re-manufacture of the Asia Pacific drill rig fleet (some 200 rigs) and an R & D and Engineering Centre for

large capital equipment (surface and underground mineral exploration drill rigs).

Adelaide Airport Ltd Managing Director, Mark Young, welcomed the establishment of the new headquarters within Adelaide Airport's Burbridge Business Park.

"The resources growth in this State will require facilities that are aligned to the demands of resources companies and the myriad of service industries that support them. Adelaide Airport's vision is to meet that demand in a timely fashion with quality airport infrastructure and air service development," Mr Young said.

"Boart Longyear has recognised the advantages of setting up its Asia Pacific headquarters due to our central location and excellent transport links."

ASSISTANCE ANIMAL RELIEF AREA

At the recent Australian Airports Association Technical Workshop, Mr Graham Innes, the Commonwealth's Commissioner for Equal Opportunity, spoke very highly of Adelaide Airport and its accessibility for persons with a disability.

He commented that the only

improvement would be for a relief area for his guide dog. We were proud to be able to advise him that we had developed one and that it would be commissioned within a couple of weeks.

Mr Innes recommended that all airports follow Adelaide's lead.



WHY GROWN MEN LOVE SMIGGLE

Hi, my name is Dave (not my real fictitious name) and I'm a Smiggle-aholic. It's been two weeks since my last pink pencil case purchase.

Don't get me wrong - I'm as manly as the next metrosexual bloke. I have several failed DIY projects at home, and I like to take charge of the TV remote, once my wife has finished watching repeats of Jersey Shore and gone to bed.

The problem is, I travel for work. Not as often as I used to when my young

daughter would look ever-so-slightly quizzically at me whenever I arrived back home, but enough that entering my front door without gifts from exotic destinations like Canberra would be akin to Captain Cook arriving back in England only to discover he'd carelessly misplaced the directions to Botany Bay.

So imagine my joy when I discovered there are places in the world (and best of all, airport terminals) where you can buy cheap, practical gifts for children with the added advantage that all of the products look like survivors of an explosion in a Skittles factory.

But that's not all. Stores like Bijoux Terner - where everything is \$20 - and Tie Rack (a more subdued and sophisticated version of a Skittles factory explosion) seduce travel-weary businessmen and women with promises of happy wives and boyfriends when they get home.

These shops remind me of those glass boxes where contestants would stand inside and try to grab as much money as they can in 2 minutes as it's blown around by an industrial strength fan. It can be carnage on a Friday evening as suited travellers return from 5-day conferences to suddenly discover they've bought nothing for little Joe and Cindy.

As you'd expect - Adelaide Airport is once again happy to help. Stores such as Australian Way, Shades and Rolling Luggage have the perfect gifts and accessories to ensure you don't arrive home empty handed. Plus you might like to pick up something for yourself while you're there!

To find out about the full range of Adelaide Airport shopping, check out the interactive information display as soon as you pass through the security checkpoint.

Otherwise, here are a few more gifts and accessories ideas to get you started:

...PERFECT GIFTS AND ACCESSORIES TO ENSURE YOU DON'T ARRIVE HOME EMPTY HANDED.



SHADES

Shop 22, Level 2, ph (08) 8234 4116

Since 1984, Shades has built a reputation for style and quality in eyewear. Born and bred in South Australia, Shades has always brought the latest and best brands to Adelaide from some of the world's best fashion houses such as Bvlgari, Tiffany and Co., Prada, Tom Ford and more to the functional and specific brands such as Ray Ban, Persol, Oakley, Maui Jim and Serengeti.

Shades also offer a selection of Jewellery such as Cat Hammill and Watches by Armani, Diesel, Marc Jacobs and Adidas.

SMIGGLE

Shop 14A, Level 2, Ph (08) 8234 3516

Australia's hottest new stationery brand was born in 2003 to fill a gap in the market for colourful, fun, fashion-forward stationery.

Stepping into a Smiggle store tends to induce sensory overload because of the extraordinary kaleidoscope of colourful creations on every shelf. The Smiggle design lab draws inspiration from all over the globe to ensure the most exciting, fun and fresh products are regularly being delivered to Smiggle shelves.

TIE RACK

Shop 24, Level 2, ph (08) 8234 3055

Add versatility and variety to your travelling wardrobe with a tie or scarf from the Tie Rack. Women will love the large range of beautiful silk, wool and cotton scarves, plus other accessories like jewellery, evening and day bags, fascinators, sunglasses and summer hats.

For the men there's everything from silk ties, cufflinks and tie bars to socks, belts and silk handkerchiefs. Plus there's tie racks, wallets, braces and summer hats.

Tie Rack also offers free gift wrapping.

BIJOUX TERNER

Shop 14A, Level 2, Ph (08) 8234 3516

Bijoux Terner is luxury at an affordable price, with every single item retailing for just \$20. The single price point allows you to feed your fashion hunger by buying what you like, not just what you need.

Fashion-savvy shoppers can choose from necklaces made with semi-precious stones and wooden bangle bracelets, gold-plated earrings, 100 per cent silk scarves and more.

AUSTRALIAN WAY

Shop 9, T1 Level 2, Ph (08) 8234 4796

Australian Way has an enormous range of Australian souvenir merchandise for men, women and children. Jewellery, apparel, Aboriginal arts and crafts, travel essentials, Australian-made chocolates, toys, event merchandise, iconic brands such as RM Williams, Samsonite and Antler and so much more...

all brought together under the T1 roof.

ROLLING LUGGAGE

Shop 24, Level 2, ph (08) 8234 3055

Rolling Luggage stocks travel accessories from the Korjo, Design Go, Eagle Creek, Pacsafe and Samsonite brands.

It offers an extensive selection of Targus computer accessories.

Rolling Luggage also offers work satchels, computer bags on wheels, backpacks, sling bags, overnight bags and wetpacks.

Make the most of the moment.

More than 25 specialty stores · gourmet food · fashion · gifts





Stephanie Bolt

ENVIRONMENT MANAGER'S MESSAGE

As 2011 draws to a close and Christmas is once again upon us, it's time to reflect on another year in the airport's environmental sustainability journey.

Of note were the significant steps taken in the area of waste management with the introduction of multiple recycling schemes at both Adelaide and Parafield Airports. Commencement in February of the Clean Energy Partnership with the Centre for Energy Technology also marked the beginning of an intensive three-year research program with numerous benefits anticipated.

Looking ahead to 2012, all of us at AAL are excited at seeing the successful completion of the multi-deck car park and pedestrian plaza. In addition to improving traffic flow, parking and security

and enhancing the airport visitor experience, there are numerous environmental features embedded in its design that we look forward to showcasing later in 2012.

Thanks to every one of my colleagues who has worked hard on our company's environmental program as well as our tenants, contractors, neighbours and friends who make an invaluable contribution to achieving change, both big and small, throughout the year.

I'm also especially grateful to the support given by Phil Baker over many years and his unique 'green' vision for our airports which provided the driver for change and will inspire us for years to come.

We wish everyone a safe and happy Christmas and see you all in the New Year.

ADELAIDE AIRPORT LIMITED AND CENTRE FOR ENERGY TECHNOLOGY PARTNERSHIP



The partnership between Adelaide Airport Limited (AAL) and the Centre for Energy Technology (CET) has been established to develop clean energy solutions to reduce the carbon footprint of AAL and to contribute towards a more sustainable environment generally. The AAL-CET partnership has established a number of projects that are well underway to meet these objectives.

To map the energy consumption of AAL's main airport terminal building, CET is developing a transient, thermodynamic model of the energy flows through the building. This model will be used not only to predict the operational conditions and energy consumption of the building, but more importantly, to identify key areas where energy consumption, especially of the air conditioning system, can be

reduced. The model is scheduled to be operational by the first quarter of 2012, which includes completion of a sensitivity analysis, and will then undergo further refinement and validation through the year. This model is synergistic with other proposed AAL-aligned projects. It will be used both to optimise performance with the existing HVAC (heating, ventilation, and air conditioning) plant and to assess



the potential benefits of a number of potential changes to the HVAC plant. A cost-benefit analysis will then be used to prioritise the range of potential methods to reduce energy consumption.

MANUELE ENGINEERS GREENING THE SUPPLY CHAIN



April 2011 saw the opening of the new Manuele Engineers steel fabrication office and workshop on the corner of James Melrose Road and Morphett Road.

As a follow up to the article in the October 2010 edition of Plane Talking, where recycling of construction waste was demonstrated, the operation of the facility includes a wide range of excellent environmental initiatives to help reduce impacts on the environment.

Features such as sensor lighting in offices, drought tolerant landscaping, a sub-surface irrigation network supplied by the on-site rainwater tanks, maximising the use of natural lighting in the workshop, the construction of a 3.5m high noise barrier, and environmental awareness training for staff and contractors all contribute to the sustainable aspects of the business.

The numbers have also been crunched and show that despite moving to a much larger premises - 22,500m² in fact -

the greenhouse gas emissions from the operations have decreased when calculated on a per square metre basis.

Quality, Safety and Environment Manager, Rick Green, said the whole organisation had realised the importance of understanding and reducing its environmental impact.

"Our staff awareness has been great - we're cutting costs, not just emissions. I just couldn't believe the change when we crunched the numbers!" he said. "Despite a substantial increase in size of operations, we've managed to keep the increase of emissions minimal in relation to expansion."

Manuele Engineers, a South Australian family owned company, has made a corporate commitment to sustainability. By signing onto the Australian Steel Institute's Sustainability Charter and providing support for staff to implement an environmental management system aligned with the ISO14001, Manuele Engineers is doing its part to green the steel industry.

The efforts of the team were recognised at the inaugural Leading Environmental Performance awards, where the company was awarded a High Commendation by the Australian Steel Institute at a ceremony in Canberra.

Projects that are supplied with steel from Manuele Engineers are also now eligible for points under the Green Star 'Steel' Credit which forms part of the tools used for calculating Green Star Ratings of a building. This scheme is run by the Green Building Council of Australia to develop a sustainable property industry in Australia. Further information is available at <http://www.gbca.org.au>.

A number of recent on-airport projects such as IKEA, Boart Longyear and the construction of the terminal (T1) have all been supplied with steel fabricated by Manuele Engineers, which are all great examples of local developments using products from local businesses.

HEART FOUNDATION WALK 2011

Park Walks aim to encourage people to enjoy themselves in their local natural environments including conservation parks, recreation parks, beaches and botanic gardens. The program invites community members of all ages to participate in free 60 or 90 minute weekend walks led by Heart Foundation Walking volunteer Walk Organisers or Friends of the Parks volunteers.

On Sunday October 16, with assistance from Adelaide Airport Limited (AAL), Adelaide Shores organised a Heart Foundation Walk guided by delegates from Friends of Patawalonga Creek,

AAL, Adelaide's Living Beaches (ALB) and Adelaide Shores. The 60 minute walk began at the Patawalonga Creek Conservation Zone with an option to extend to a 90 minute walk through the West Beach Coast Park. The walkers enjoyed themselves so much that they all decided to walk to the Coast Park, where ALB gave an interesting talk about sand movement, coastal management and future plans for this important section of coast.

Participants were offered some interpretation of the natural features, both past and present, of the sites by their guides, and had an opportunity to

view the new interpretive sign at the Patawalonga Creek Conservation Zone. Adelaide's Living Beaches showcased their interactive display and provided information about beach protection available for walkers, and some light refreshments were provided by Adelaide Shores after the walk.

Park Walks is a Heart Foundation initiative supported by the Department for Environment and Natural Resources - Healthy Parks, Healthy People initiative. To find out more about Park Walks in your area, please visit the events page at www.heartfoundation.org.au/walking.



STUDENTS CLINCH MECHEXPO AWARD

A student team sponsored by Adelaide Airport Ltd (AAL) was successful in winning an award at MechExpo 2011. This annual event, held at the Royal Adelaide Showgrounds, displayed 68 projects by over 200 final year students of the University of Adelaide's School of Mechanical Engineering.

The project 'Heat Balance Based Energy Analysis for Adelaide Airport Terminal 1', undertaken by Mohammad Fikri Abd Rahim, Umair Haggan Aminurrahman, Nik Muhammad Mohamed Nazri and Nik Nadzran Nik Kamaruzamil, was awarded the Best Project Associated with Energy Prize. Funded by AAL through the

Clean Energy Partnership with the Centre for Energy Technology Energy, the project shed light on the building's heating and cooling system and inefficiencies relating to its operation through the building management system.

AAL also sponsored the Sustainable Energy Engineering Prize, which was won by Andrew Crocker, Shouyang Lai and Terence Teye undertaking a project titled 'Building Energy Simulation Models for the Jacob's Creek Visitor Centre'. Using thermodynamic modelling, this research project identified actions that could increase energy efficiency of the centre's heating and cooling system by up to 30 per cent.

MechExpo provides a unique opportunity for secondary students, teachers and the broader community to experience first-hand the research undertaken within the university in a fun and informal setting. Opened by Adelaide-born astronaut and scientist, Sir Andy Thomas, the event is considered one of the best of its kind in the world.



THE AUSTRALIAN AVIATION WILDLIFE HAZARD FORUM 2011



The Australian Aviation Wildlife Hazard Group (AAWHG) was formed as a result of a recommendation from the Australian Transport Safety Bureau Report 'The Hazards Posed to Aircraft by Birds'.

Since its beginnings in 2003, the group has continued its work in promoting awareness of aviation wildlife strikes. The group also aims to bring together both Government and industry to support a national approach to this important aviation safety issue.

In July 2010, the Department of Infrastructure and Transport formally recognised the AAWHG under the Aviation Implementation Group as being a key player in the development of future aviation policy related to wildlife hazard management.

The AAWHG has three aims:

- To enhance awareness of the safety issues surrounding bird and animal strikes;
- To provide an opportunity for bird and animal strike information, knowledge and advice to be shared; and
- To determine directions for future research, regulations and procedures to mitigate the risk posed by birds and animals to aircraft.

The AAWHG conducted its annual wildlife hazard forum in Adelaide in August 2011. Adelaide Airport Limited (AAL) sponsored this year's event, which offered the latest information and trends in the area of wildlife hazard and strike management from leading stakeholders in the aviation sector.

Associate Professor David Paton, internationally recognised ornithologist and adviser to AAL, delivered the keynote presentation, providing insight from over 20 years experience in wildlife hazard management.

Relevant and practical presentations were also given on a range of topics including case studies from major and regional airports, new bird dispersal techniques, and the latest on regulatory/government policy. The forum is relevant to anyone with an interest in aviation wildlife strike management including airport and airline personnel, regulatory agencies, councils, government departments, defence personnel, consultants, scientists and students.

The presentations are uploaded on the AAWHG website at <http://aawhg.org/>.

FREE RECYCLING SERVICE FOR YOUR OLD TVS AND COMPUTERS

Desktop computers require 1kg of copper, which if mined results in 281kg of waste rock on average. Recycling copper only requires 15-20 per cent of the energy required to mine new ore. Once processed, you can't distinguish between those that come from a primary source such as ore, or secondary source such as recycled copper. Recyclables can contain 10 times more copper and 50 times more gold than average mined ores.

The City of Charles Sturt now has a free recycling service for your old TVs and computers (e-waste). This service is for residents of the City of Charles Sturt only - and is not for businesses or commercial quantities of material.

Just take your old TV or computer to Toogood Avenue Waste Transfer Station in Beverley, Monday-Saturday 8.00am - 4.00pm, Sundays 8.00am - 1.00pm.

Only the following items will be accepted: televisions, laptops, computer towers, computer monitors, keyboards, mice, printers, DVD players/recorders, VCRs, scanners, backpack/data storage drives, and other computer peripherals (cords, etc.) For further information, please contact Wasteline on 1300 558 409.

http://www.ecyclerecovery.com.au/council_programs.htm.