



ECU Students crowned 'Enactus National Champions' for Waste Not

Congratulations to Edith Cowan University's Enactus students for winning the prestigious *Graham Kraehe Community Project - Brambles Food Waste Challenge* and being crowned Enactus National Champions for their program – *Waste Not* – that provides initiatives including an environmental impact report on food waste to local businesses in the cities of Wanneroo and Joondalup.

The new 'Waste Not' program educates local businesses about food waste and includes social, economic and environmental factors to encourage improvements in agricultural production, the provision of food service and through community awareness. The students devised, developed, delivered and documented their project which helps businesses use environmental analysis and education to reduce food waste through, amongst other initiatives, donating leftover food to charities and redirecting food into purpose-built compost bins that fertilises a community vegetable garden.

The Enactus program includes 20 universities working on real-life issues with guidance and mentoring from corporate business partners in Australia, to achieve real results. Founding Director and Enactus CEO, Judy Howard said, "The 'Waste Not' team has demonstrated leadership, teamwork, and have further enhanced their communication skills through project management, problem solving and networking skills.



The Enactus ECU students also run "net University", a program designed to guide seniors into today's world of technology. By empowering seniors with the skills to use technology, they can use social media, access internet banking and reconnect with their families and friends. This program runs from libraries in the cities of Wanneroo and Joondalup. It is extremely popular and places always fill-up quickly.

What is Enactus?

Enactus operates in 36 countries globally, bringing together the skills and experience of two generations of leaders - those who are currently leading major organisations and student leaders, to make the world a better place through the positive power of business and entrepreneurship.

The Enactus National Conference and Championships provide an opportunity for Enactus teams to present the outcomes of their projects to a team of judges drawn from the Australian business community.

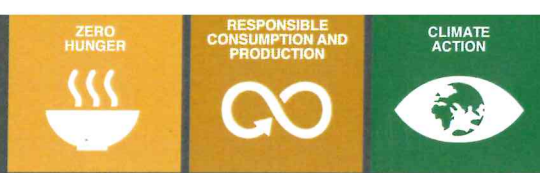
The team of 24 from Edith Cowan University will compete at the Enactus World Cup (28-30 September 2017) in Toronto, Canada.

For more information or to get involved

contact the City of Wanneroo's economic development team via

economic@wanneroo.wa.gov.au





WASTE NOT

Working with businesses to reduce waste, ensuring a more sustainable future

Problem

- Australia's carbon footprint is twice that of the global average, wasting over 4 million tonnes of food worth 8 billion dollars each year (Department of Climate Change, 2008).

Seeing Opportunity

- In March 2015, Enactus Australia and CHEP were seeking help to address the vast amount of food waste in Australia.
- We conducted a needs assessment survey for 5 local restaurants and found that many of them did not understand the significant impact this may have on the success of their business. Our project was selected by Brambles Food Waste Challenge and we were given \$1000 funding to progress.

Taking Action

- Waste Not helps to address the knowledge gap that some businesses have within the food service industry.
- In 2016, we conducted 5-day waste audits at 3 local cafes: Pure and Natural, Aroma cafe and Cafe Elixir.
- We were invited to visit the cafes at the end of the business day. The audit entailed 4 Enactus ECU students systematically measuring the amount of food waste. Food was categorised as recyclable, non-recyclable and organic.
- Results were collated, and then tailor made reports were produced with recommendations on how to reduce waste, improve awareness and be a responsible business owner. By working towards a sustainable environment business owners can significantly reduce food waste and increase profitability.

Enabling Progress

- Individual reports were developed followed by business consultation to implement future strategies to reduce food waste.
- We plan to revisit these businesses within 3 months to ensure they are on track.

Moving Forward

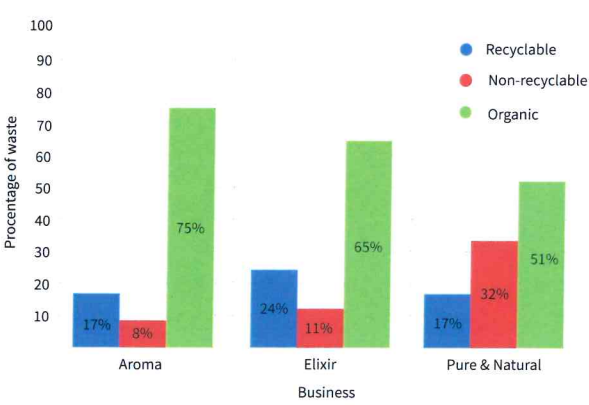
- We will be making compost bins from up-cycled materials and supplying them to our project partners.
- We will evaluate the success of our Waste Not model in consultation with our partners.
- We will introduce our waste management handbook "Mini Guide to Minimise" and provide ongoing support.
- We have been approached by a large supermarket chain and a large hospitality provider in Perth to conduct waste audits at their premises within the next 3 months.

9
Volunteers

3
Businesses impacted

700
Volunteer Hours

Coles
supermarket on board!



"I think there is a great benefit in this collaboration for all of us. It's a great idea and all business owners should do this for the environment. I will definitely take the suggestions in the report. It's not hard to do this if you care" - Ian Campbell, Pure and Natural, Joondalup



Living Education

Future project 2016/2017

Working to empower the homeless and enriching their lives with education

Problem

- According to the current census data (2011) nearly 10,000 people in Western Australia are homeless or sleep rough on any given night.

Seeing Opportunity

- We are in the early stages of developing a program for those that are homeless, which will help build their skills and confidence. This will be done in collaboration with our community and business partners.
- The program will commence in our local area of Joondalup.

1 in 250
Western Australians are homeless



Problem

- We have identified a significant gap between senior citizens and their ability to use technology.

Seeing Opportunity

- According to the Australian Institute of Health and Welfare (AIHW), dementia is the second leading cause of death in Australians aged over 75 years. New research shows that the use of tablets for reminescent therapy is extremely effective. This makes Net University's approach valuable as it empowers the seniors long before such potential risk.
- There are currently 300,000 Australians who suffer from Alzheimer's disease. By 2050, that figure will increase to a staggering 1 million. Recent studies have shown that physical separation from family and friends can cause psychological issues that may worsen potential dementia or Alzheimer's related conditions. By looking at photographs and images of loved ones, this provides reminescent therapy for the elderly. This is taught in our classes through applications such as Skype, email, creating photo galleries etc.
- Today, most seniors over 75, still use a passbook when visiting their bank. However, technology is progressing at such a rate that senior customers are unfamiliar and uncomfortable with using ATM's, Internet banking and apps on portable devices. According to our research, 60% of seniors are not using electronic banking methods.

Taking Action

- We have delivered a series of classes that we've built upon since 2013. Our partners include the City of Joondalup Libraries, City of Wanneroo and UniBank.
- In 2015, Unibank heard about our Net University project and asked us to teach their senior members how to use internet banking. We developed an online banking manual exclusively for UniBank members. To date there have been 45 seniors attend these classes. Our satisfaction rate is 100% as shown on our evaluation forms.
- At City of Joondalup Libraries we have been delivering beginner iPad, Intermediate iPad and beginner Android classes. Satisfaction rates for iPad classes are 92.2%. At a social level, seniors respond very well to students who deliver the classes. There is a mutual respect between teacher and participants.
- In 2016, we have delivered 2 pilot classes to 25 seniors at Wanneroo Library. This relationship will continue into 2016/2017.
- Our classes have a ratio of 1:2 Enactus ECU members to seniors, allowing us to give them much needed support during the class.

Enabling Progress

- In 2015/2016 we empowered 205 participants, which is an increase of 74% from last year.
- In 2015/2016 we increased our number of classes by 50%.
- By empowering seniors with the skills to use technology, they can use social media, access internet banking and reconnect with their family and friends. All of this has profound effects on their mental wellbeing.
- We have increased our marketing efforts by delivering pitches at the Wanneroo Business Association, Sixty27 Co-working space and drop in sessions for the 'National Year of Digital Inclusion' (Go Digi). This was held for the first time in Western Australia in May.
- We are currently in discussions to expand this project with 3 new partners for the next 3 years.

Moving Forward

- Based on feedback we will develop our training manuals further to support smartphone technology.
- We will explore commercialisation of Net University.
- We will develop a 'train the trainer' module with our partners.
- We will be delivering our Net University classes at state and national level.
- Enactus ECU will grow in membership from 25 to 100+ students in the next 3 years through expansion across the University.



"What I like the most is the personal assistance during the class. It was not easy getting used to an iPad. But now I'm confident to use it while travelling to Skype, read books and listen to music."
- Margaret Reid, Edgewater

