

# SUSTAINABILITY REPORT



FX Business Technologies Cairns





Being green is more than  
just *buying* 'eco'. It is an  
unshakeable  
commitment to a  
sustainable lifestyle.





## Snapshot of FX Business Technologies successes



18%

reduction in CO<sub>2</sub>e from vehicles



80%

estimated saving in electricity



13.12 %

total tonnes CO<sub>2</sub>e saved

# Introduction by the Dealer Principal

Our aim for this year was to improve on our sustainability practices both personally and professionally, to be the leader in our region, and to set an example to other local businesses to be more proactive in their own sustainable practices.

This year was David Wootton's first full year as the Cairns Sustainability Champion. David's dedication and passion for the role was evident from the outset. His list of achievements include a 33Kw solar installation and replacement of all light fittings with energy efficient LEDs. He has encouraged our involvement with the Committee for Waste Reduction (CFWR), a cardboard reuse program for a market garden (Kuranda Urban Farm) and membership of Citizens of the Great Barrier Reef. While these last two activities were initiated by other staff, Tony and Shane, David looked after the details, which cemented our support and involvement. What a great job.

Shane O'Brien was instrumental in connecting the dots for a great cardboard recycling initiative with Kuranda Urban Farm. Our used cardboard boxes

are reused for orders out, planter boxes and weed control. The farm has an insatiable appetite. Tony McInnes has been amazing this year. He is a founding committee member for [Committee for Waste Reduction](#), he initiated and encouraged our commitment to [Citizens of the Great Barrier Reef](#) and founded [Forum for Business Growth](#) some years ago, which is a successful local networking group. Information on Tony's great work can be found at the above links.

These are just our new activities. We have also improved upon what we were already doing.

CO2e savings is a major area of focus for us each year. This year we had a phenomenal improvement thanks to completion of several projects. We have now replaced our CSE's turbo diesel vehicles with petrol

vehicles, which have much lower emissions. As a result our company's CO2e from vehicles has reduced by 18%. During the year, we also implemented satellite tracking of our vehicles with the aim of allocating jobs to CSEs in the smartest possible way. This reduced our overall kilometres travelled thereby further contributing to our CO2e reduction. Our thanks to Angelique Boileau from Adelaide for the inspiration.

Our largest forecast CO2e savings will come from our solar installation, which is expected to provide 80% of our power requirements during the day. As the installation was during December 2017, we only have partial results so there will be some hard data next year.

Also, contributing to CO2e savings were our very strong parts and consumable returns.

This was achieved substantially through the commencement of a once a week collection run to our high volume clients.

Our waste to landfill is once again tiny thanks to our reuse, reman, recycle mantra.

We have continued our commitment to community engagement. This year we have provided support to the Taipans NBL team (A community based team), Bush Kids, Cairns Derby Dolls, Cairns Ironman, Men's Shed, Cairns Hospital Foundation, The Space Cairns and various community sporting clubs.

As always, we thank FujiFilm Australia for providing leadership in sustainability and we will always aim to exceed FBAU's expectations.

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***Sustainability is in our DNA  
and I'm constantly assured  
by the actions of all our staff  
that we will continue to  
improve every year. Thank  
you to everyone for your  
involvement and support.***

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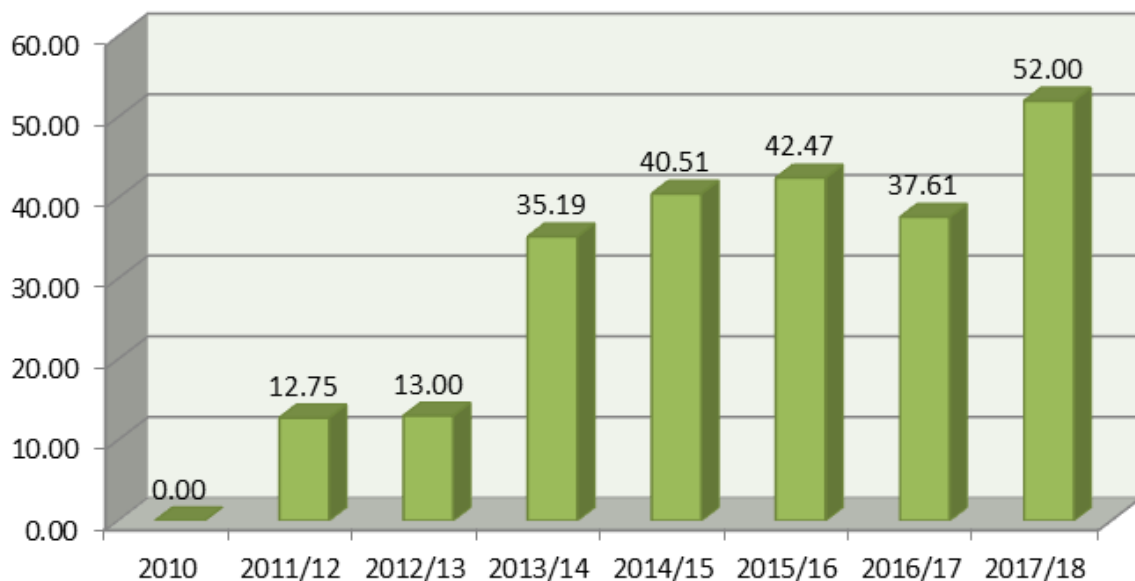
Daniel Atkinson,  
Dealer Principal



# End of life equipment management

We have had a change of personnel in Stores Department this year with Alice Jordan moving into the service department and the role of Inventory Administrator being taken by Kim Robilliard. Kim has a background in managing retail stores and has already proven himself to be highly capable in this role. The end of life machines are stored in our custom built facility before being prepared and pickups arranged. Techcollect have proven to be an invaluable partner in this cause. Many hundreds of machines both Fuji Xerox and other brands have been able to be recycled in this way.

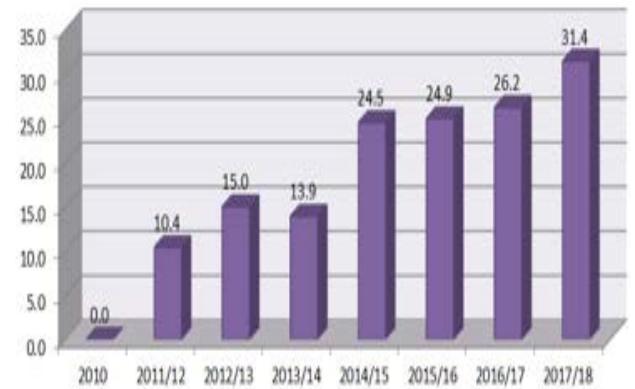
**EOL Equipment CO2e Saved**







Reman CRU/Parts CO2e Saved



## Parts & consumable returns

Our levels of returns of customers' consumables have remained very high due to getting our staff in the field to collect used consumables during their visits. Customers are constantly bringing their own back to us as well ensuring that the recycle boxes are constantly being filled before being palletized and returned.



# Waste Management

## *Cardboard*

Paper & Cardboard is one of the simplest products to recycle and by maximising our reuse of this material we can all reduce the number of trees being felled to create new products.

As mentioned by Dan in his introduction, Kuranda Urban Farm, a local organic farm run by one of our former employees, has utilised hundreds of kilos of our used cardboard to both control weeds in a very natural and organic way and also as packaging for taking their produce to many of the local markets in this area.

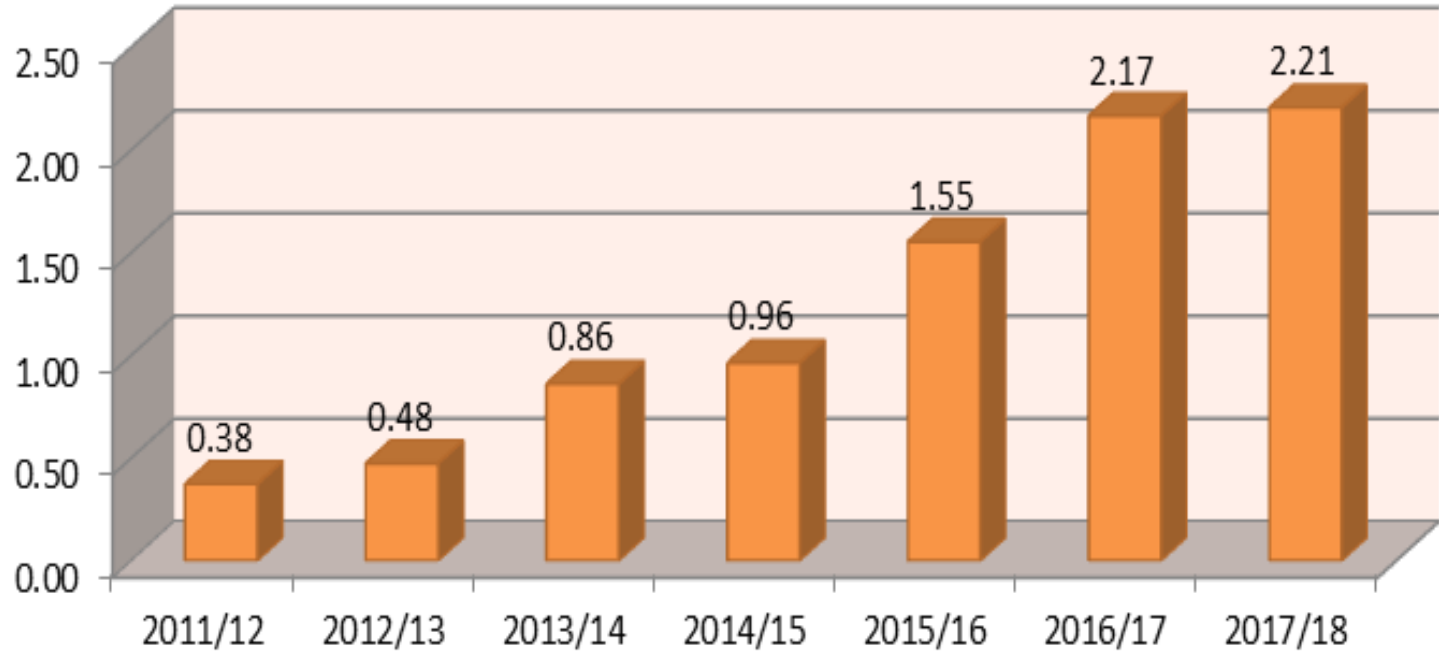






Local Early Learning Centre Childcare facilities have proven to be great recyclers of our excess cardboard once again this year with regular deliveries going to the kids to aid in their learning activities. Our cardboard recycling has again increased which is an amazing effort after more than doubling in the past two years. A great effort by all those involved!

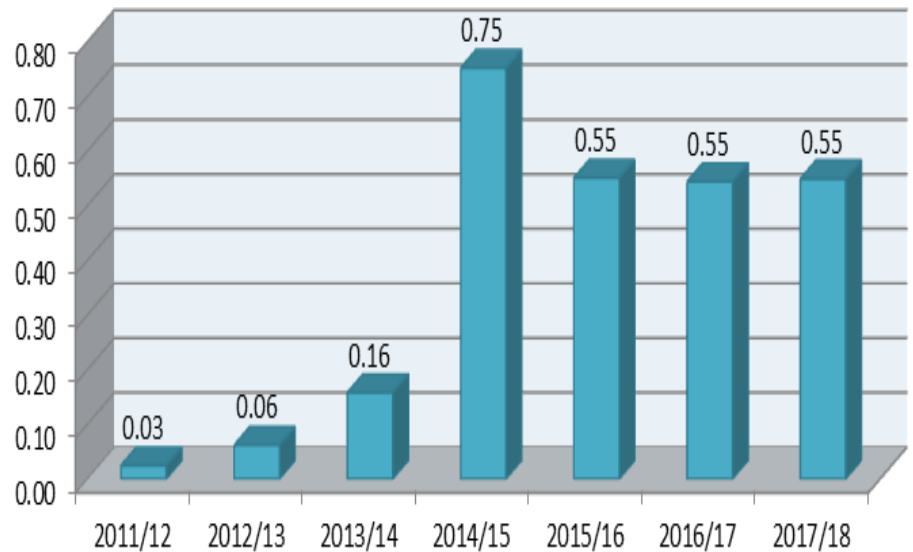
## Cardboard/Paper Recycling CO2e saved



## *Polystyrene*

Once again this year we have utilised the expert services of ECYCLE SOLUTIONS for our polystyrene recycling. Once again our recycling efforts have proved to be successful and in keeping with previous years CO2e savings.

### Polystyrene Recycling CO2e Saved



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## *Pallets*

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This year once again the Power of Pallets held a gala function at a local venue. The Power of Pallets support initiatives aimed at changing our world for the greater good of all people. Their motto 'Up cycle, Up skill & Giveback' combines three very different focuses into one process that embraces and funds solutions for key problems facing society today. In Australia each year, hundreds of thousands of tonnes of wood pallets and crates are sent to landfill! Shockingly, a staggering FIFTY PERCENT of all pallets are only used once. Through their 'Up cycle for a Cause' initiatives, The Power of Pallets encourages individuals and organisations to 'up cycle' timber pallets, that are destined for landfill, into modern and functional items such as furniture or art. The items are then auctioned off with all proceeds donated to charities. FXBC Cairns donated 50 pallets this year to help this great cause.







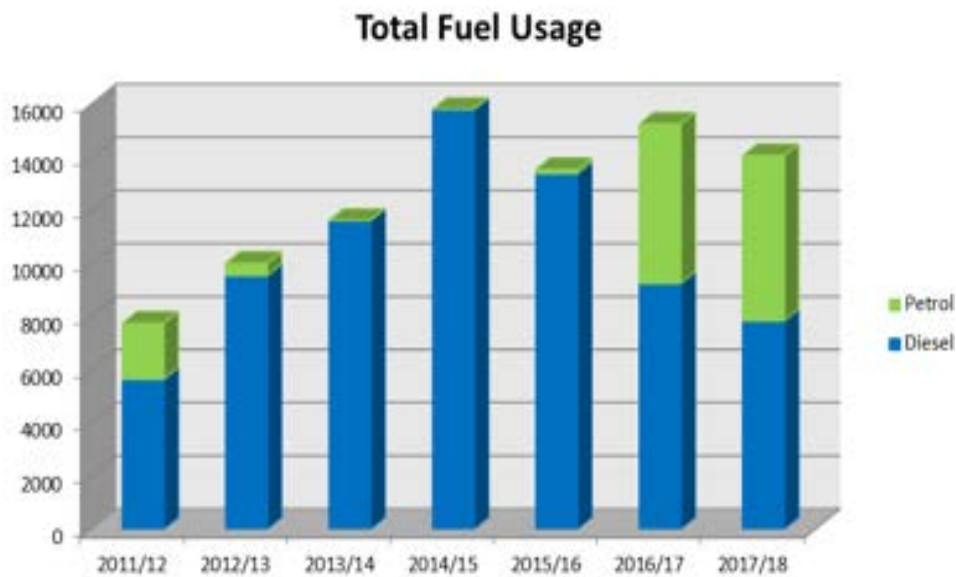
# Energy & carbon emissions

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## *Electricity*

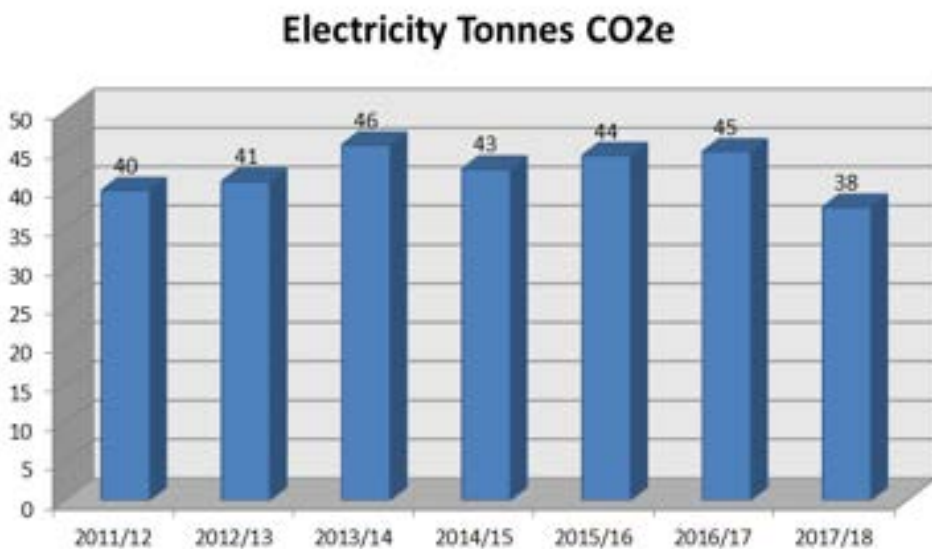
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As mentioned in Dan's introduction we have made big changes to our electricity usage. The LED fluorescent tubes emit just as much light as their predecessors and staff have not noticed any adverse difference in the quality of lighting. Whilst not being our major power saving project for the year, they will certainly cut down our usage for years to come. Of course our Solar Project is the achievement of this year in terms of reducing our carbon footprint. With great support from the building's landlord, we hope for the 33kW system installed to better than halve our purchase of electricity from the grid. Reports so far have shown that this will be feasible especially come our winter months when the sun shines and the days are cooler.



## Vehicles

There has been a welcome drop in our fuel consumption this year both from an expense and sustainability viewpoint. Again this year we have travelled more kilometres however the smaller turbo petrol vehicles have proven to cut usage. We have also deployed a GPS tracking system, which allows our Service Work Controller to more efficiently allocate jobs to CSEs.





*Cairns Taipans*

# Community engagement

Throughout the year we have continued to be engaged in our local community through supporting the Cairns Taipans, Cairns Men's Shed, Freshwater Pony Club, just to name a few. The support that we provide is vital as these true community based organisations rely on the backing of businesses like us.

Our staff were once again involved in both the Cairns to Karumba & the Cardiac Challenge bike rides which help to raise money for medical care and equipment for the Far North community.

Supporting our local community is an integral part of the organisation we call

FX Business Technologies.



*Cardiac challenge*



# Leadership endorsement

Our community involvement has also led to our business becoming involved with the Committee for Waste Reduction (local) & Citizens of the Great Barrier Reef (global). Both of these organisations are heavily involved in reducing the amount of single use plastics that contribute to the pollution of our environment. By helping to promote the initiatives put forward by these organisations we are educating our customers to become more sustainable.

We also continue to support The Space, an ecosystem for innovation and entrepreneurship. Their coworking space and programs help to direct people to turn their ideas into reality and in the process helping to reduce unemployment within the local community.



committee for waste reduction



CITIZENS OF THE  
GREAT BARRIER REEF

**THE SPACE**  
turning ideas into reality



# SOURCES OF CALCULATIONS

Calculations from <http://www.carbonneutral.com.au/>

Diesel 1 ltr = .003 Tonnes CO<sub>2</sub>e 3kgs

Electricity 1 KWH = .001 Tonne CO<sub>2</sub>e 1kg

From FX Spreadsheet

Diesel 1 Ltr = .0029 tonnes Co<sub>2</sub>e

Petrol = .0025

Cardboard from FX Spreadsheet

Full 1.1cubic bin minus 30% air = 60kgs

60kgs x .0025(emissions factor) = .15 Tonnes (150kgs) CO<sub>2</sub>e output if landfilled/bin

60kgs x 2.5 = 150kgsCO<sub>2</sub>e

REMAN & EOL Equip

Cartridges approx 2.5kgs Co<sub>2</sub>e

For now set at .5 just to make graphs work

Pallets <http://www.environment.nsw.gov.au/resources/warr/1058AppOrganics.pdf>

1 kg = .96kgs CO<sub>2</sub>e (change to 1.35)

Waste

1.5kgs / machine or finisher

approx 4kgs kitchen, 3 kgs all other office bins

approx 4 kgs Stores & Workshop bins

Total Bins 11kgs / week , 44kgs / month

REMAN Missing Data 10/10 - 3/11 ??

EOL Machines Divided over time (holding before Recycling)

Guess: V small printer 10kgs

Med (1085) 30kgs

Normal (AP/DC Stripped) 130kgs

Finisher 15kgs



**Business Technologies**

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