

*Vision without action is a dream. Action without vision is simply passing the time. Action with Vision is making a positive difference.* Joel Barker

## Embedding sustainability

The Auckland governance restructuring has provided the opportunity to consider regional strategies and initiatives. Anguillid is humbled to have had the opportunity to collaborate with Auckland Transport's asset management team on the development of parts of their first Asset Management Plan where we considered the matters of sustainability and value for money.

As a natural extension of this we have been assisting Regional Asset Planning and Policy Manager Siri Rangamuwa to develop sustainability key performance indicators (KPIs); taking the opportunity to seek some longer term, stretch goals that operate at a regional scale. These include indicators such as network resilience, and transport equity. As Anguillid's Senior Environmental Consultant, Lucy McKenzie says "this was a fantastic project as it provided an opportunity to really show how sustainability could work on a regional scale and to move beyond a superficial 'greenwash' of sustainability."



## Seedlings

Anguillid continues to look for opportunities to assist our communities where we can. And with over 200 hours of pro bono hours in the last year we think we are demonstrating that the concept of collaborative volunteers can be sustained by business. We specifically seek out projects where we can assist others to grow and deliver on-going community benefit. In the last year we have:

- Assisted the Motutapu Restoration Trust with their nursery expansion project; and
- Joined the First Foundation as mentors. This is a programme which supports talented young New Zealanders with limited resources through tertiary education. Lucy and Carron have great mentees and we are thrilled to be a part of this programme.



## Hotspot

Anguillid's office is officially complete!! After all the years of designing, building, painting and decorating we are now operating in a fully functional office space. There are several features of the office that we are particularly proud of including:

- A new portable compost bin complete with 2,000 hungry worms that are currently enjoying eating tea bags and coffee grinds amongst other things;
- Up-cycled old windows that now act as whiteboards for office brainstorming; and
- The print room that is covered in old 1930s to 1960s magazines instead of paint or wallpaper, thanks to "Interiors by Carron"!



But don't let the up-cycling and creativity fool you – the office is replete with hidden technology that is planned for growth and resilience...

## Tracking along together

Anguillid's Carron Blom and Twyford's Vivien Twyford recently had the opportunity to assist Auckland Transport and Veolia Transport to explore and start developing their rail relationship. Vivien and Carron drew upon their complimentary skills to collaborate through a series of interactive meetings and to both mediate and facilitate an intensive workshop session. The workshop (which was held at the old elephant house at Auckland Zoo no less!), provided a great forum for the whole team to be heard and to tease out opportunities to better team interactions and customer outcomes.



Everything from business as usual, to special events, to emergency scenarios was covered. Twyford's infamous "sticky wall" got a thorough working out as ideas were brainstormed and refined to produce a tangible action list for the parties to jointly take forward.

## Counting down

The National Policy Statement for Renewable Electricity Generation (NPS REG) came into effect in May 2011, with the objective to meet or exceed the Government's renewable electricity generation target by developing, operating, maintaining and upgrading new and existing renewable electricity generation activities.

Regional Councils and local authorities are required to give effect to the NPS REG through regional policy statements, and regional and district plans - and have 24 months to do so. As the 2013 deadline approaches, we remind you of Lucy McKenzie's expertise in the energy policy area for those of you who need assistance through this process. Her contact details are at the bottom of the next page.



## Supporting strategies

Anguillid continues to provide strategic and other support to our clients in a range of interesting projects. Some of these projects we are unable to tell you about at this time but no doubt these will eventually emerge.

We are never too busy to assist you; however here is a snap shot of some of our other recent activities:

- On-going strategic advice to the New Zealand Transport Agency on the Christchurch Northern Arterial.
- Further work on Constellation Busway Station strategies.
- Stormwater advice to Smith and Davies Ltd.
- Due diligence and environmental management projects for Eco-Stock Supplies Ltd.
- Environmental management advice to the Whangarei District Council.

Our recent focus has been on assisting our clients respond to complexity and resilience issues (see next page) – so watch this space as this thinking continues to evolve...





## The butterfly effect...

*...is a well-known construct in chaos and complexity theory – the principle being simply that a butterfly flapping its wings could result in a thunderstorm on the other side of the planet. Complexity, and how to make sense of apparently unconnected issues (and to do so quickly), is something we all are increasingly faced with at a personal and professional level. We are not alone however and research into 1500 CEOs pointed to complexity as their primary challenge. Although that particular body of research is a couple of years old now, complexity appears to be something that is still being grappled with on a number of fronts; and certainly, there is no silver bullet.*



*From a background in sciences where context and interrelationships are acknowledged and accommodated, it has long fascinated me the often linear nature of engineering processes and how sometimes these can become divorced from the communities and environments in which they sit (or even from those that need to operate and maintain the asset). This is not to imply an industry criticism or to prompt an entrenchment of the troops to defend “the ways”. Rather it is*



*intended to prompt pause for thought, and a consideration of the appropriateness of standard practices in light of our increasingly complex environment. It is also cause to recall the humanity in engineering and how it is ultimately a customer service delivery industry that affects all our lives – no matter how remote or unconnected that may seem.*

## Journey highlights

- **Alumni:** Anguillid has active alumni (all one of them!) and in October last year on her way back from the European Transport Conference, Carron met up with Axel Curt in his home in France. Axel is now working as a consultant in the Côtés du Rhône region, using his expertise in advising the wine industry.
- **Sustaining:** Anguillid is sustaining its progress against our Urban Design Action Plan. We have also made some further progress against the Envirostep Programme advancing from our 94% “Performer” status (already well above the benchmark), to 98%.
- **Win : win:** What better way to improve environmental outcomes than through reuse? We already up-cycle furniture, and now our boxes and other bits and bobs go into a “kindy box” where they are taken to a local kindergarten to be reused in art projects (before being recycled). We don’t generate much but it amazing what can be diverted to a beneficial reuse.
- **Gnoming:** Check out the latest locations where our tee shirts have ended up (Mongolia no less!). Head to our website: [www.anguillid.co.nz](http://www.anguillid.co.nz).
- **Learning:** Lucy is developing additional expertise in permaculture (ecological design), and Carron is advancing her basic Te Reo (ka pai!).



We value your feedback and any suggestions you may have. As always, we also appreciate the opportunity to discuss how Anguillid can better assist you to meet your needs. Our contact details are set out below, and further information about the key areas where we see we can add value to you are outlined on our website: [www.anguillid.co.nz](http://www.anguillid.co.nz). Alternatively, you may wish to contact one of our team:

- **Carron Blom:** [carron.blom@anguillid.co.nz](mailto:carron.blom@anguillid.co.nz) or 027 2648 455;
- **Lucy McKenzie:** [lucy.mckenzie@anguillid.co.nz](mailto:lucy.mckenzie@anguillid.co.nz) or 027 483 3588.

If you do not wish to continue receiving Anguilliform, then we will be sad to see you go, but please email us with ‘unsubscribe’ in the subject line.

Kind regards from the team at  
**Anguillid Consulting Engineers and Scientists Ltd**  
 PO Box 34408 Birkenhead AUCKLAND 0746

## Tall poppies

The last year has been amazing for our small and emergent Anguillid team. We are immensely proud of Lucy for her work after the Christchurch earthquake for which she received a Sub Area Commander Award from the New Zealand Police. The award was presented to her in New Brighton, by the Governor General, Lt Gen The Rt Hon Sir Jerry Mateparae, late last year. I know we mentioned that in the Elver last Christmas – but we really are so proud of what she achieved.

Following our Merit at the IPENZ Arthur Mead Environmental Awards, which we shared with you in the last issue of Anguilliform, our Integrated Asset Management



Strategy for the Albany Lakes Precinct (for Auckland Transport) went on to become a finalist at both the national and international level. The strategy was a finalist in the New Zealand Engineering Excellence Awards (Sustainability), and also Highly Commended in the Institution of Engineering and Technology (UK) Innovation Awards (Asset Management); the latter alongside organisations like the London Underground. The project was also the subject of two papers, which were co-authored with Auckland Transport. The first, in which we focussed on the stormwater aspects of the strategy, was presented to the Water New Zealand 7<sup>th</sup> South Pacific Stormwater Conference, in Auckland. The second, which considered the wider application of the strategy as a whole to asset operations, was presented to the 2011 European Transport Conference, in Glasgow.

From an organisational perspective, we have continued to develop a range of initiatives and to benchmark ourselves as we move through our start-up period and into organisational emergence. Whilst we have previously been named Most Community Minded Business (2010 David Awards), we were unable to go back to back but are delighted nonetheless to have been a 2011 finalist in this category. In addition to this, our team spirit really did shine through as Anguillid was given a Highly Commended in the small business category of the Sustainable 60 Awards. In addition, we were named as finalists (alongside some much, much larger organisations) in three categories: Strategy and Governance, Marketplace, and Community Involvement. Sustainability really is a key foundation to our business so this was a fantastic “health check” for Anguillid so early on in our development.

We are slightly stunned and at the same time proud of these achievements. We are however now taking a purposeful pause on this front to enable us to develop some further initiatives (particularly those alongside our clients). Hopefully this will enable us to seek (and take) a step change in our journey.

Lastly, Carron was elected a Fellow of IPENZ at the inaugural Fellows’ and Achievers’ Dinner in March for her contribution to the application of engineering and technology in the community and to the development of the Institution. In particular Carron was recognised for her input into environmental engineering and the application of applied sciences as part of resource management law. We whole heartedly congratulate Carron for this fantastic achievement (*Ed note: thanks Lucy!*).

## Check us out...

For those with i\_technology... we have our very own QR code which enables you to quickly navigate to the Anguillid website (once you have the free QR reader app!)

