Training Sustainability Technologists.

A regional approach at the Flannery Centre, Bathurst NSW.

www.skillset.com.au
For the first time in history...

...over half our population, 3.3 billion people, will be living in urban areas.

Shenzhen 1982
By 2030...

...this is expected to swell to almost 5 billion.
Why do we think this way?

- 29 year history in trades and regional business
- Organisational commitment to sustainability
- Green is the new black
- Resource constraints
- Population pressure
- Economic pressure
Some of the major drivers for change:

**Peak oil** - urging us to increase efficiency and search for renewable alternatives

**Climate change** - responding to the social and legislative obligation to reduce greenhouse gas emissions

**Population growth** - infrastructure under strain and increased competition.

**Economic instability** - taking a risk reduction approach to global trade and supply.

**Social permission** - responding to new standards

**The stars aligning** - a combination of emerging technology, new materials, demand, timing, favourable economic conditions and opportunity/access

**Follow the $** - Government programs, policy and associated funding/incentives
The Flannery Centre
5 (or 6) Green Star building
From the entrance, south
Still under construction...
Winter sun on the RE wall.
Waffle pod construction
What are we all about?

- The Flannery Centre seeks to; provide clarity about the issues we face, assist businesses and individuals adopt sustainable practice, and conduct programs and offer services that increase community well-being.

- Our **vision** is for life to thrive on a finite planet

- Our **mission** is to inspire, lead and learn our way to a positive future.
What are we all about?

Our 4 Pillars;
- The Built Environment,
- Natural Landscapes,
- People and
- Business.
How to train people in skills they don’t know they need yet for jobs that haven’t been invented yet.

Skillset sees the following main issues limiting the training of Sustainable Technologists.

- The existence of sufficient levels of sustainable technologies being applied to create viable businesses in maintaining and operating them
- The lack of experienced trainers
- The lag time in developing and delivering accredited training
- The current job market - the impact of the mining boom and subsequent ‘two speed economy’
- Reform in the VET sector
A couple of stories...