

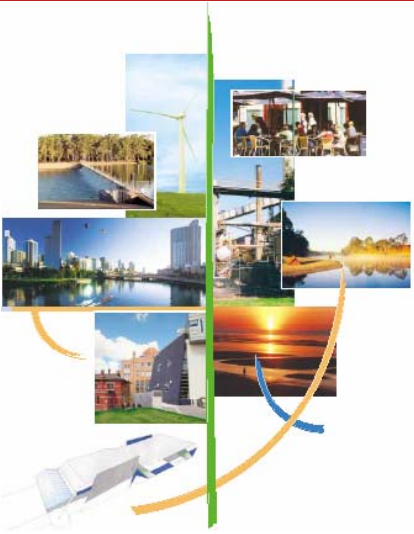
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SWINBURNE
UNIVERSITY OF
TECHNOLOGY



The Green Office program

National Centre for Sustainability
Swinburne University of Technology



Outline - The Green Office Program



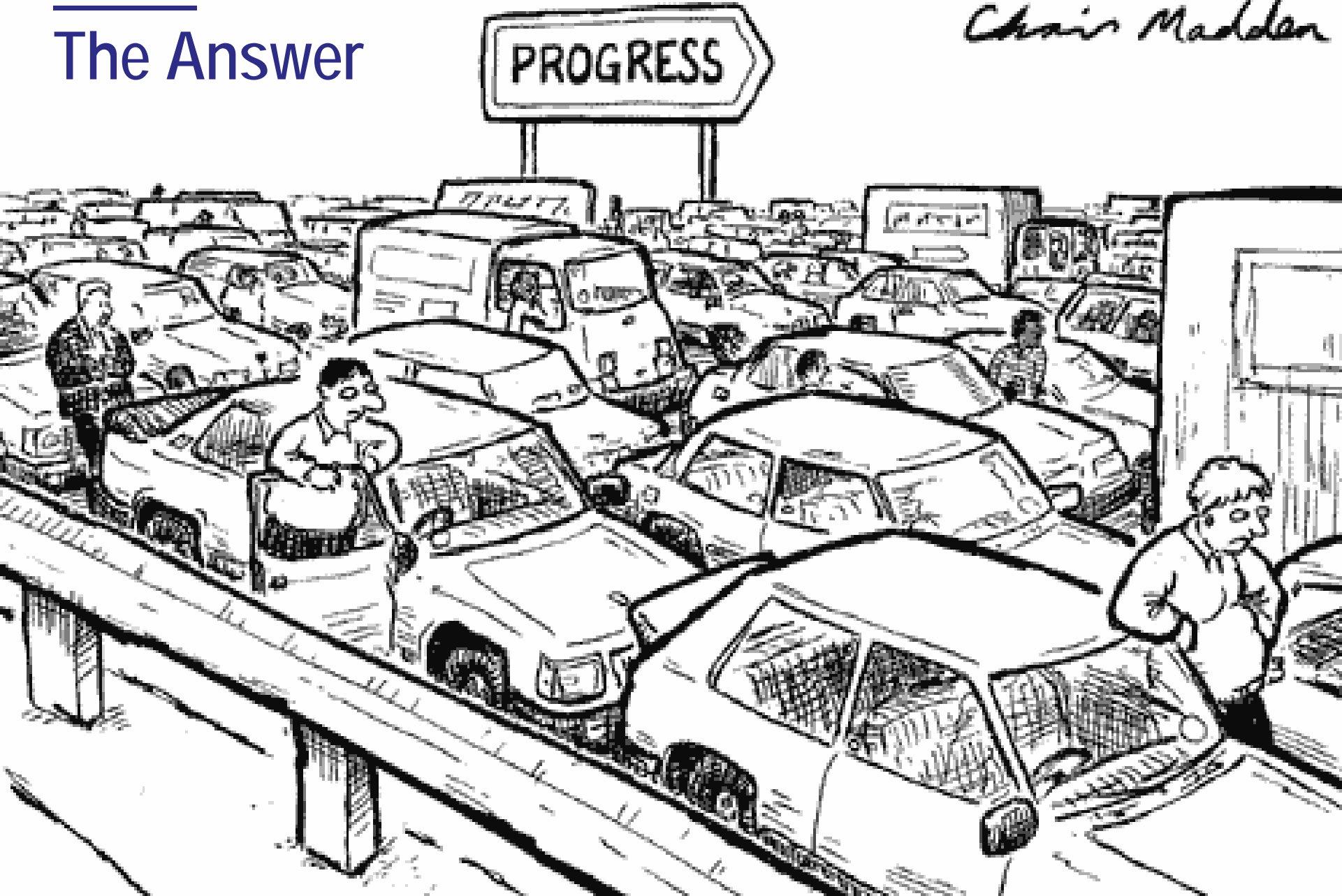
- Green Office + Sustainability Covenant
 - EPA covenant
- Learning from Others – Guest speaker
- Paper – Which is best?
 - Refuse, Reduce, Reuse, Recycle
 - Swinburne Press
 - Barriers to using recycled paper
- Office Assessment and Web help



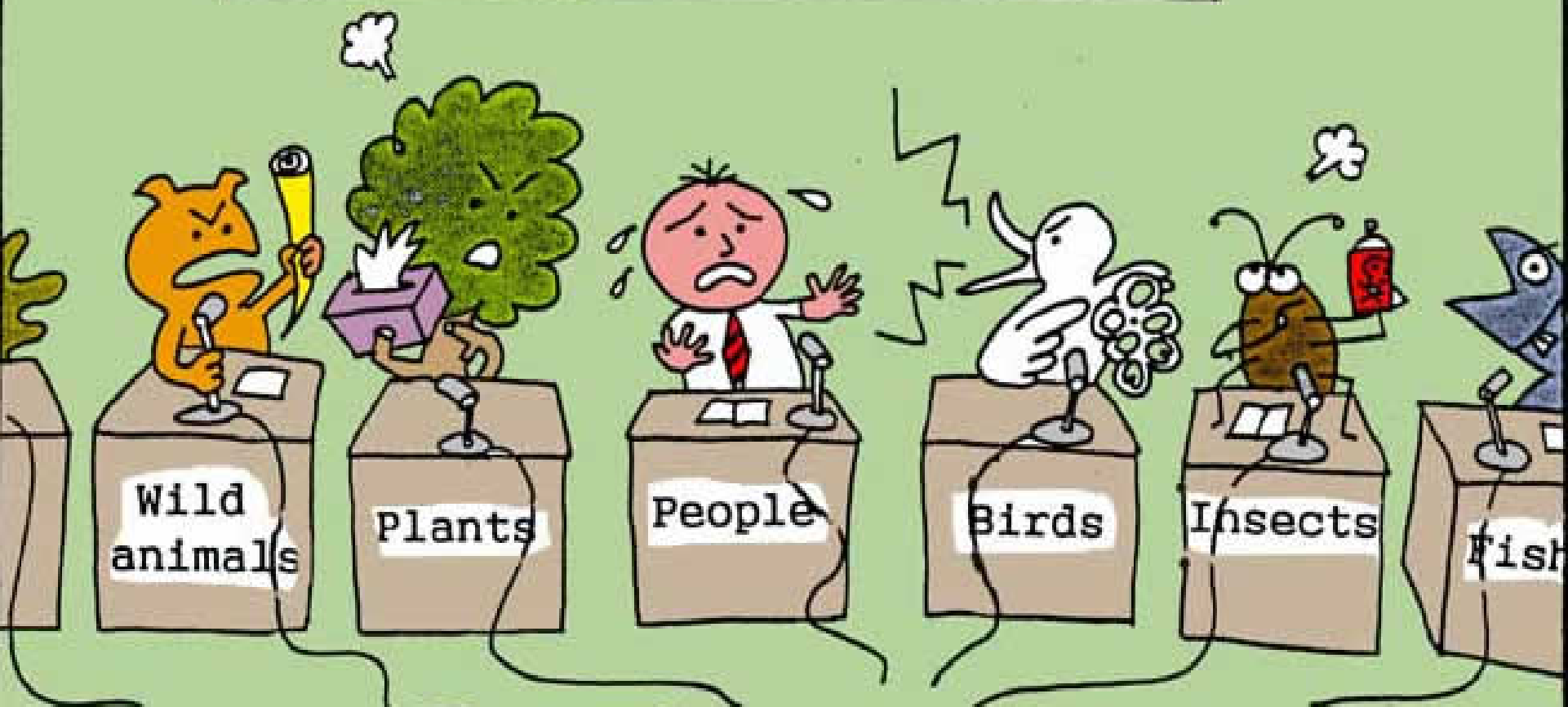
WHY are we here? -
The Answer



Chair Madden



Special Earth Day Symposium
Whose Earth Is It?



High Moon



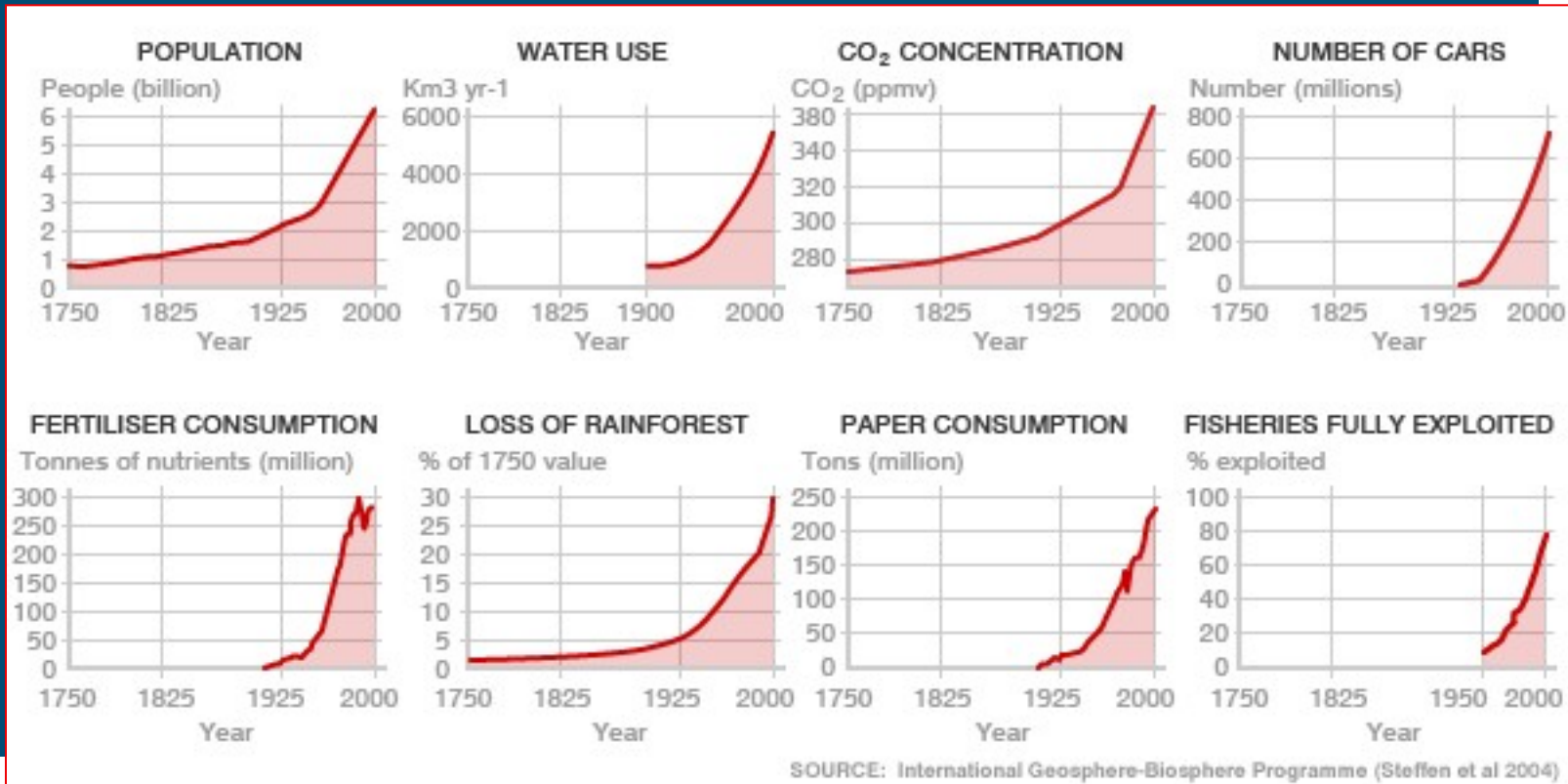
Cham Madden



The original inhabitants of this land had a saying -
'Every time you take something from the Earth,
you must give something back.'



Why Care About "Sustainability"?



Because of growth ... exponentially ... against limits

Sustainability Covenant with EPA



•Sustainability Covenant

•Learning from others?

• Which paper is best?

•Office assessment

- Forums, Focus groups and survey results
- Working with EPA Victoria
- Consultation process with key people from Swinburne
- Sustainable Swinburne Committee
- Launch late April early May



Learning from Others



- Spreading the message – work in teams if possible
- Getting change to happen – small steps or well thought out
- Get commitment from managers and include staff
- Making it simple – few choices
- Justifying the extra cost – more costly paper = use less
- Don't be argumentative – be persuasive
- Prepare to accept feedback – positive and negative
- Where to turn for help –NCS

*•Sustainability
Covenant*

*•Learning from
others?*

*• Which paper is
best?*

*•Office
assessment*

Learning from Others



□ Figures are persuasive – Swinburne used 67,800 reams of paper in 2003

□ = 2203 trees

□ Water – 5 million litres

□ Greenhouse emissions- nearly 1 million Kg of CO₂



**Buy recycled paper &
save the forests.**



• *Sustainability
Covenant*

• *Learning from
others?*

• *Which paper is
best?*

• *Office
assessment*

Most preferred option!



Prevention

Minimisation

Reuse

Recycling

Energy Recovery

Disposal

Least preferred option

WASTE HIERARCHY

Diagram 1

Paper – Which is best?



HIGHLY RECOMMENDED

1. EVOLVE @ \$5.56 BOISE 3029417

- 100% de-inked post-consumer waste from UK collection waste
- Smooth high-white with exceptional consistency
- Highest specification - for 2-sided and colour copier, colour inkjet printers, lasers, plain paper faxes
- Very smooth, easily comparable to conventional papers.
- Uses biodegradable cleaners and chlorine-free bleaches

*Not found in catalogue but easily ordered online using stock code

2. CANNON 100 (NAUTILUS) @ \$6.05 BOISE 1932233

- 100% recycled
- approximately 50% is post consumer waste
- Made in Austria
- TFC correction bleached
- Suitable for use in copiers, laser and inkjet printers in the same way as primary fibre papers.

*Not found in catalogue but easily ordered online using stock code



- Swinburne Press may also print your reports on recycled paper upon request.



• Sustainability
Covenant

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is best?

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assessment

Paper – Which is best?



NEXT BEST OPTIONS

1. GREENWRAP @ \$5.36

BOISE 3050009

- Contains 60% recycled fibre, mostly pre-consumer
- Smooth surface, so it's suitable for single and double-sided photocopying and printing
- Developed by Fuji Xerox Australia at the 'Paperlinx' Mill

2. RENEW 80 & 100 @ \$6.05

BOISE 1230905 & 1293273

- Contains 80% recycled fibre, mostly pre-consumer
- Produced at Australian 'Paperlinx' Mill
- Virgin fibre used is sourced from imported softwood and hardwood from ecologically sustainable sources

3. TRIOTEC IQ UNIQUE @ \$5.36

BOISE 1909711

- Composed of 2 outer layers of virgin fibres with at least 30% ecologically sourced fibres.
- Middle layer of recycled fibres, mostly fibres from pre-consumer wastes
- TCF bleached



• *Sustainability Covenant*

• *Learning from others?*

• *Which paper is best?*

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Paper – Which is best?



Swinburne Press

- Make up recycled pads
- Examining the use of sustainable inks
- Recycled paper for all their work

Barriers to using recycled paper

- Will jam in the photocopier
- Doesn't look white enough
- Doesn't grip properly
- Too expensive
- OTHER?



Let's test it!

• *Sustainability Covenant*

• *Learning from others?*

• *Which paper is best?*

• *Office assessment*

The Office Environmental Assessment



- Importance of benchmarking
- Raises awareness
- Let people know and set a time
- Respect those who do not want to be involved

The process

- Walk-Through survey
- Interviews
- Down loaded from - www.swinburne.edu.au/ncs/swingreenoffice/posters_resources.htm

- *Sustainability Covenant*
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Web help



Posters and flyers

- Fostering a Green Culture in your Department
- Creating Green Spaces
- Print & Photocopy Double-Sided
- Increase the Use of Scrap Paper
- Humorous posters as well
- http://www.swinburne.edu.au/ncs/swingreenoffice/posters_resources.htm



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