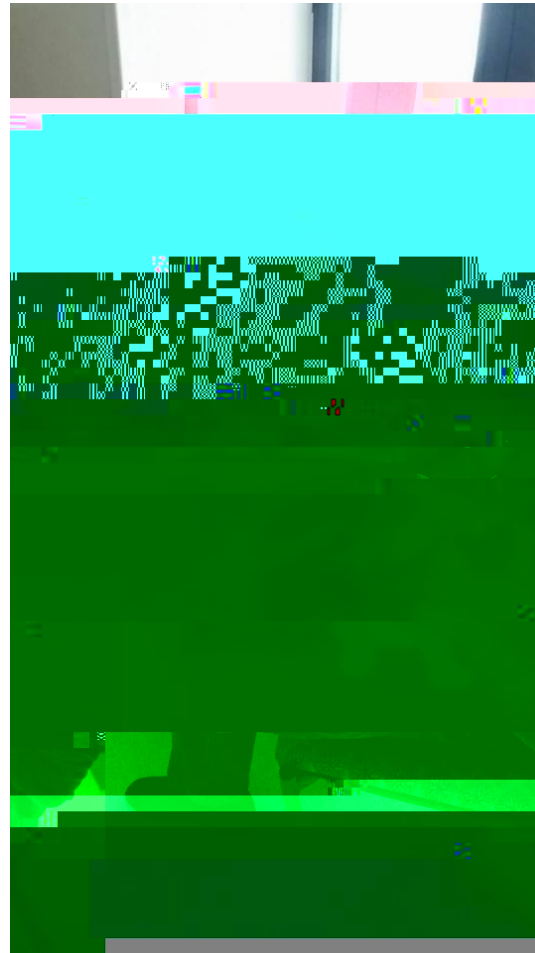


Pro-environmental spill-overs in community settings three years on

I promised -







# Longitudinal investigation (focus groups & interviews)

Natural Resource Centre

Adelaide Hills (14 or 50 km from CBD Adelaide)

Retrofitted energy efficient building & community garden & farmers market & composting

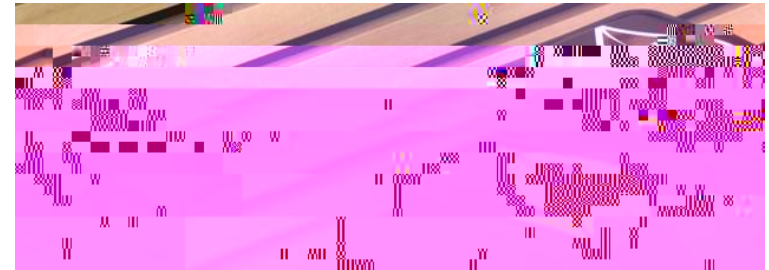


Support Organisation for Disadvantaged People (e.g. formerly homeless)

Adelaide inner city

Energy efficiency

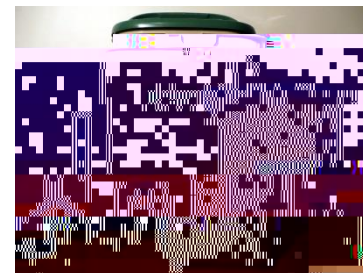
Customised workshop on energy efficiency

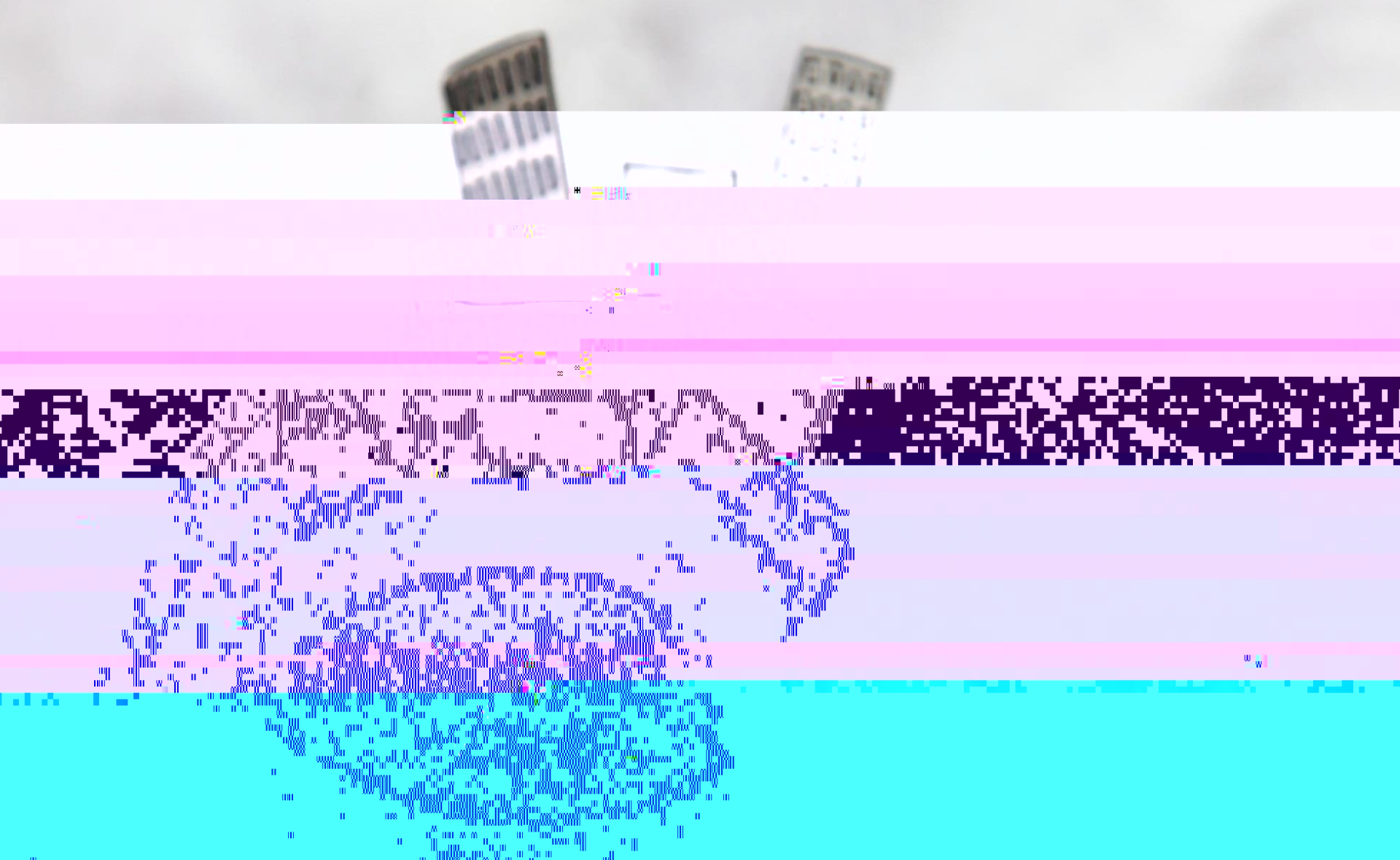


Bowling Club

Affluent inner suburb of Adelaide

Customised workshop on energy efficiency & Bokashi buckets in the kitchen





Does spill-over exist? If, how long does it last? What supports longevity? OR Does it not take place? Why not? OR Does it lose momentum? And if, WHY?



# Three Years On

## Type one spill-over

composting  
worm farm

capacity and skill set  
of volunteers

information source

previous exposure

access to a garden

concern next  
generation

knowledge of  
greenhouse gas  
emission in landfill

## Type two spill-over

From energy efficiency to  
three bin waste stream

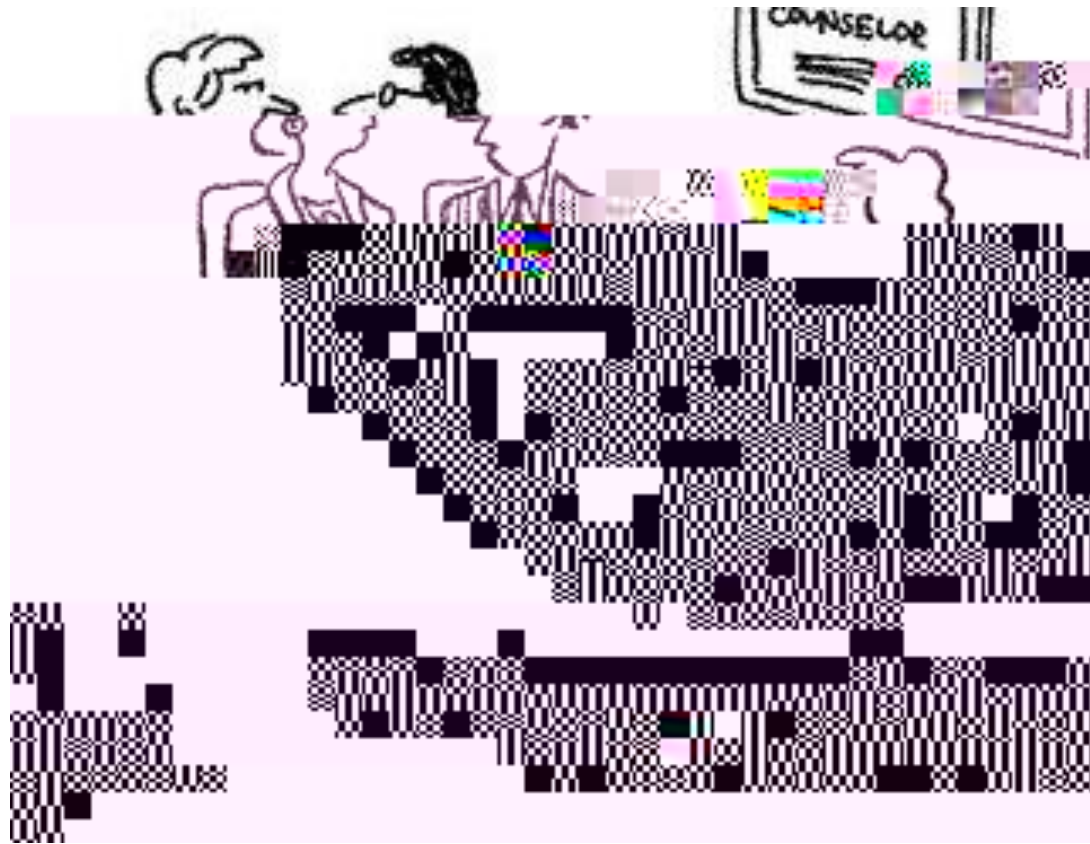


Spill-overs three years on



Push back: Bokashi buckets

# Top down approach



# Lack of knowledge

## Secretary

"It was closer to where the action was and it [waste] can go straight in there and you sprinkle the stuff on top and the thing is done."

## Kitchen volunteer

"I think they are a good idea but I think none of us really knew enough about it to start with and then out of sight out of mind, you just tend to forget."

# Lack of training

Powder



*"And a lot of the girls don't know that."  
(Kitchen volunteer)*

# Existing prior perception

" A lot of the girls do not use it at all because of the smell and they think it is unhygienic in the kitchen to use it."

" The girls don't like it in the kitchen, they just don't like it."

(Kitchen volunteers)

# Operational problems with the design

They (lids) are hard to get off. I have to stand with it and really wrench the top off and it is tight. ....there are probably a few who are younger than me, but getting arthritis you are getting weaker. You get a lot weaker

(Kitchen volunteers)

# Design

Could they reform those bins? You know, you buy plastic containers where there are four clips, if they could actually redesign the bin, so the lid was easy to get off, I might use it.

(Kitchen volunteer)





# Unintended side effects

" Because of the no sv

# Focus group outcome

All three focus group participants managed their organic waste at home conscientiously

# Focus group outcome

“ It would be possible to use. I would be happy if there would be something similar but it would be a bit bigger to just put outside [the kitchen] around there.”

(Kitchen volunteer)



# Conclusion: No behaviour sits in a vacuum

(Dolan & Galizzi 2015)

## Complexity

### Positive aspects

Capacii6ETf2Tf1 0 0 1 60 428 9 88 Ba8 Ba8 Ba8 [(etlizzi)] TJET

# No behaviour sits in a vacuum

Attention is needed to avoid push back to:

Communication (ongoing feed back)

Knowledge of prior perceptions towards a measure

Design of devices

Design of implementation (Co-creation is needed)

Training

Practicality (time pressure)

# Complexity

Web of aligning and conflicting factors

Challenge of understanding different contexts and competing influences under which spillovers take place

Importance of organisations

- Communication

- Culture

- Knowledge base of members







Thank you for your attention: [fitgb001@mymail.unisa.edu.au](mailto:fitgb001@mymail.unisa.edu.au)

The journey of a thousand miles begins with  
one step.