Socializing Waste Separation at Source
THE AVERAGE CONSUMER
CHALLENGES THAT CAUSE APATHY
There is no away
RETROFIT OR DESIGN

Objectives
- Building occupancy profile and user waste goals
- Construction waste goals for GBI

Design
- Waste management plans / usability
- Capture supply chain integration

Construction
- User interface
- Facilities management
- Training
- Tenant culture & behaviour
SEGREGATION GOALS

Organic waste
- Lawn clippings
- Prunings and cuttings
- Leaves
- Flowers
- Small branches
- Food scraps
- Paper towel and tissue

Recyclable materials
- Glass bottles and jars
- Tins, cans and aerosols
- Cartons
- Paper and cardboard
- Rigid plastic containers

Landfill waste
- Nappies
- Soft plastics
- Broken crockery and glassware
- Ropes and hoses
- Polystyrene
THE WASTE SEPARATION CHALLENGE
Rinsed and dry all items deposited in the rack to
✓ Prevents bad smells
✓ Prevents ants or cockroaches from being attracted
✓ Ensures other recyclables not dirtied
**Identify the User Pathway**

**Identified Gap**

Residents gather recyclable waste from their unit and drop off at recycling point on their floor – without plastic bag.

Eco Shelf is placed at every floor.

Cleaners with trolleys collect separated waste from Eco Shelf or refuse rooms.

Collected materials are sent to the central collection area for pick up by municipal recyclers.

*Pic from Gregers Reimann*
ECOCENTRIC LIVING LAB

Engagement
- Introduce waste separation program
- Survey the current practise
- Provide workshops

Coach
- Providing clear instructions
- Establish residents routines
- Work with cleaners

Implement
- Retrofit or install separation units appropriate to location
- Interact with residents
- Measure quantity of waste diverted from landfill

Monitor
- Monitor the collection and provide feedback
- Address gaps

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Finding the sweet spot

**Easy to use**
- Clearly labelled
- Visible

**Shelf features**
- Easy to deposit and remove content
- Efficient waste collection routine

**Location**
- Easily accessible / on route

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INTEGRATION WITH COUNCIL
Inspiration
Just Ahead
Taiwan Buddhist Tzu Chi Foundation Malaysia

This is all the rubbish I have created in the last 6 months.

My first 6 months living zero waste.

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