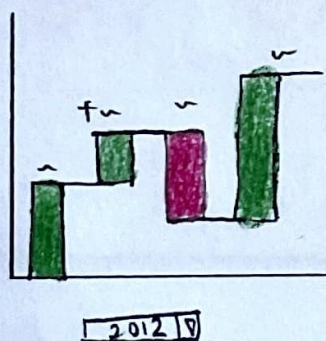
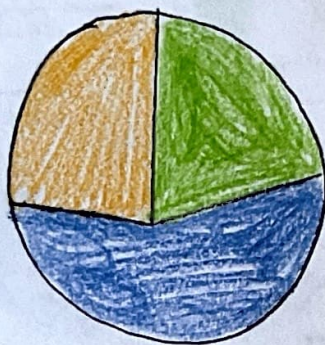
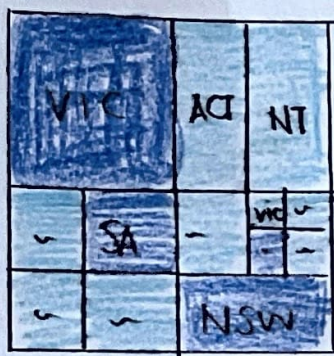
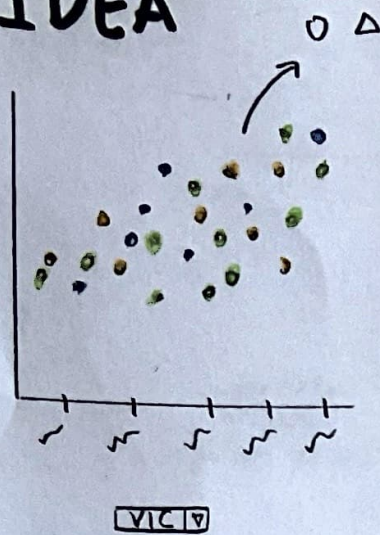


# 1. IDEA

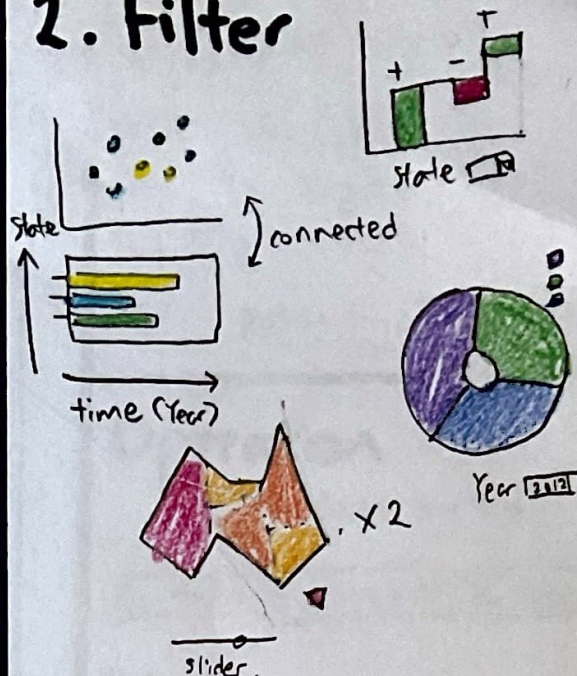


Year — 2014



connected, select

# 2. Filter



# 3. Categorize

Waste Attribute

Categorical

↳ states  
↳ types of waste

Quantitative

↳ Tonnes  
↳ percentage  
↳ increased/decreased

# 4. Combine / Refine

- Map will slider and connected to another map to compare both recycle and disposal waste
- Seattle weather exploration graph with multi-view function will be used.
- Sunburst chart will be used for showing each stream.
- Waterfall chart will be used to visualize the trend of the overall production of both waste.

Title : Full narrative view

Author : Sean Lee

Date : 10/10/2024

Sheet : 1

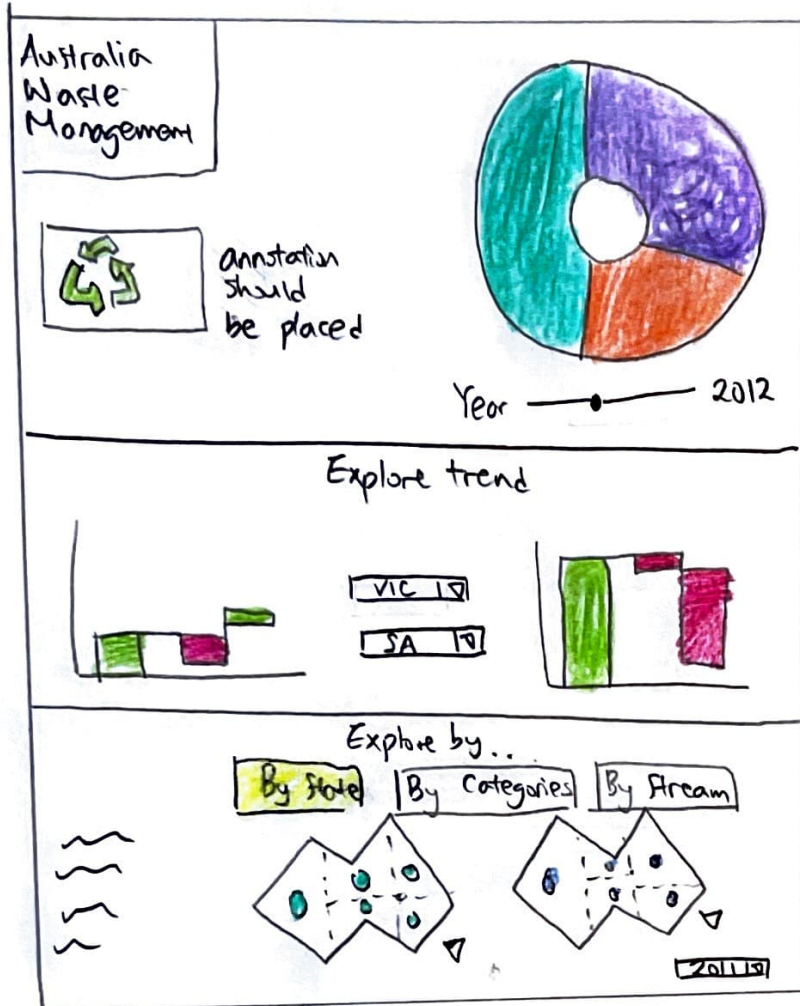
Task : Narrating Visualisation

# 5. Question

- Is it better to connect graphs? wouldn't that be complicated?
- What would be the most suitable graph for showing recycling/disposal waste of tonnes?



# Layout



Title : Australia Waste Management

Author : Sean Lee

Date : 10/10/2024

Sheet : 2

Task : possible layout 2

## Operation

Select button

By State | By Categories | By Stream

① By State



② By Categories



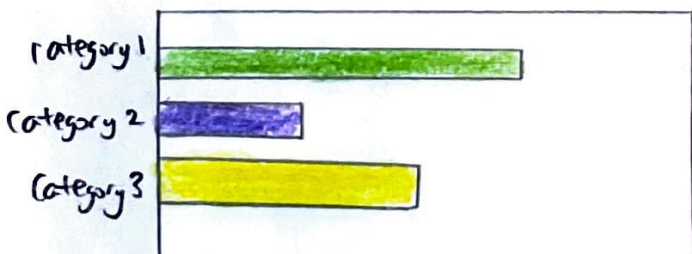
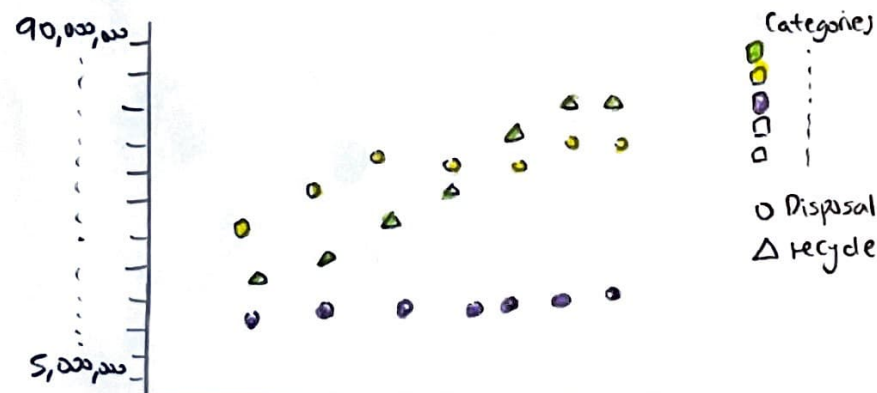
③ By Stream



clickable



## Focus



## Discussion

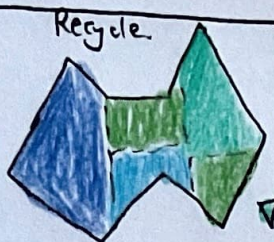
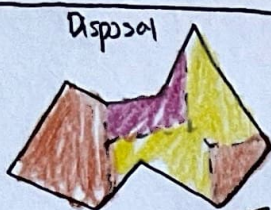
- Could potentially merge Sunburst chart to the menu
- Can we move the graphs around for better story telling?

↳ Can we add more annotation?  
(concise)



# Layout

## Australia Waste Management

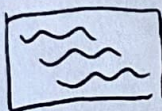
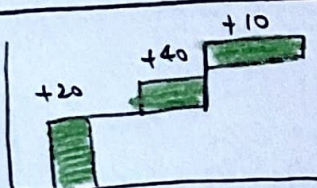


Year —●—

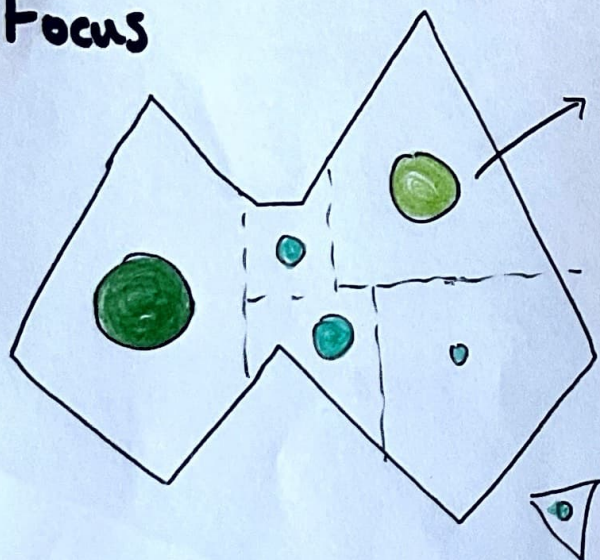
- Buttons
- By Categories
  - By State
  - By Stream



□ type 1  
□ type 2



## Focus



replace Area  
with shape ○,  
Size is measurement  
and colour.

- For better clarity, similar colours could confuse others.

Title : Australia Waste Management  
Waste in Australia

Author : Sean Lee

Date : 10/10/2024

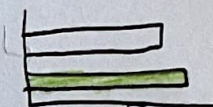
Sheet : 3

Task : possible layout 1.

## Operation

Year —●—

↳ click and drag left/right  
to adjust year of the  
graph.



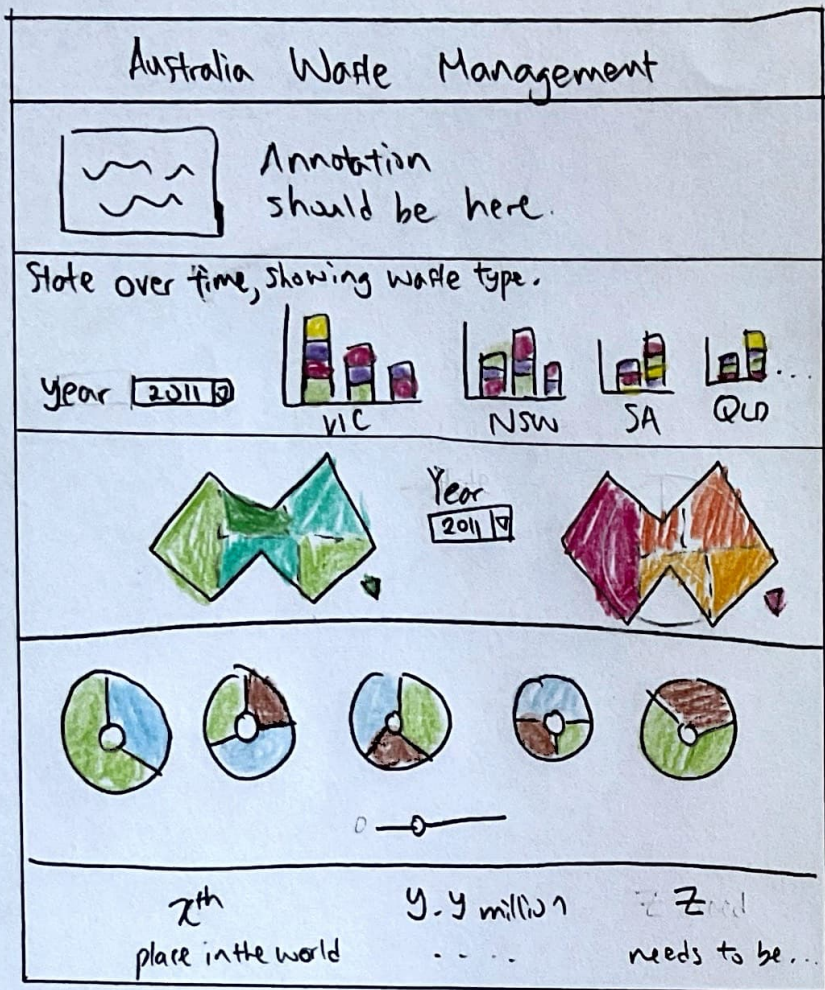
↳ click on the bar  
to view the bubble chart  
above for that specific type.

## Discussion

- too many categories/  
types of waste,  
potential confusion to  
readers?
- could use more varying  
colours to avoid colour  
similarity?



# Layout



Title: Australia Waste Management

Author: Sean Lee

Date: 10/10/2024

Sheet: 4

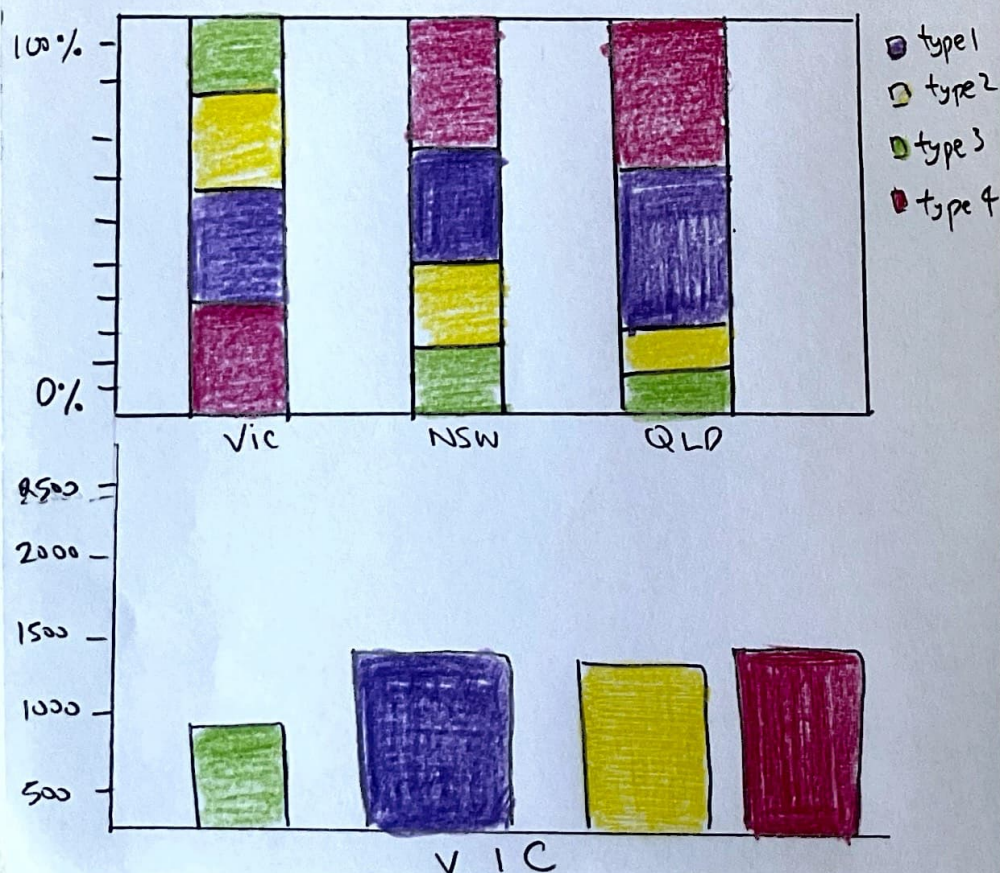
Task: possible layout 3.

## Operation

Clicking onto the upper bar chart (100% bar chart) shows specific types for better view.



## Focus



## Discussion

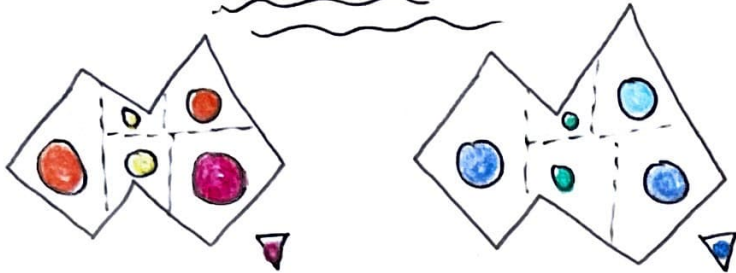
- too many bar/sunburst chart?  
↳ inefficient in spacing?
- Should annotation be showing first?
- Maybe we need a large sized chart to start off?



# Layout

## Australia Waste and Recycle Management

15.25 Billion



Year — 0 — 2012

Explore waste categories

Explore By  
By Categories By Stream By State



How Did we go?



40%

2x

Net Zero

Title: Australia Waste Management

Author: Sean Lee

Date: 10/10/24

Sheet: 5

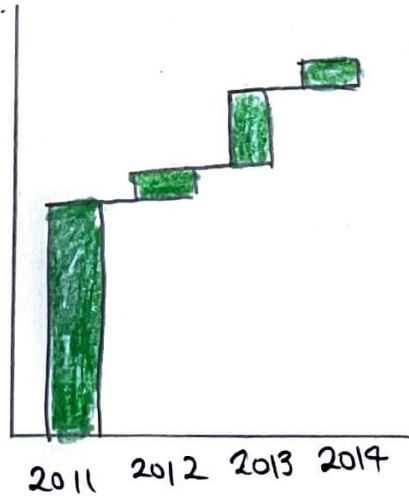
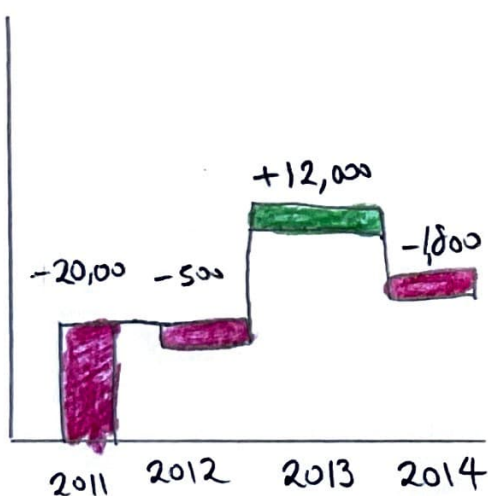
## Operations

- Clicking the menu button changes the diagram.
- hover the mouse over to any chart, it will have an information box

ex)

State: Vic  
Tonne: 10,000  
type: ash

## Focus



Select state SA ID

## Detail

- to make the site, it will require 2 hrs to structure.
- there are 6 graphs, which will also take around 4 hrs
- for referencing and report, it will take 1 ~ 2 hrs.