IDEAS

Australian Resource
Consumption

↳ Victoria Centralised
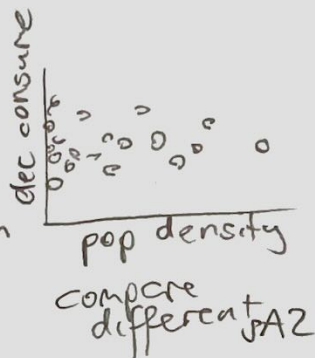
↓

Compare By
- Suburb (SA2)
- Region (SA4)

Water
Electricity
Greenhouse
gasses

Compare regions
of Victoria for
resource consumption
& supply

dec consume

pop density

compare
different SA2

consumption

Region
Name

Filter

compare
the different
Victorian
Regions

different consumption

suburb suburb

show different
consumptions

Filter

Going on a large Australian Scale
would be too large. Isolating to
VIC only will give more juxtaposition

Instead of going through each
suburb in every context, regions
can be used

larger
regions

CATAGORISE

Year Based

compare the regions
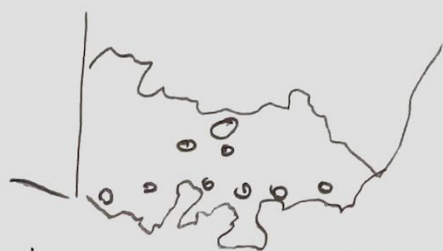by yees over time
for data

Locational

Use the locational
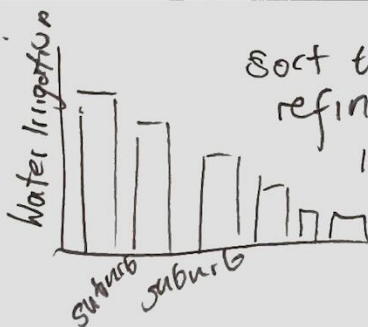area to minimised
filter content

Filter >
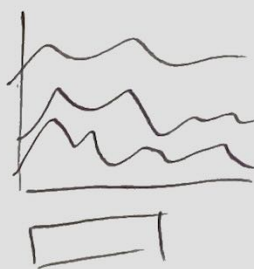
Additionally can use colour to
catorise important content

COMBINE & REFINE

↳ could combine the
different energy facilities
on the consumption/
generation map

Water Irrigation

suburb suburb

Sort the data alongside
refining the data to be
isolated to water
irrigation for agriculture

Could filter lines by
region to isolate them
to easily compare
the data

↳ could be stacked Area?

SHEET 2

JASPER KIDMAN
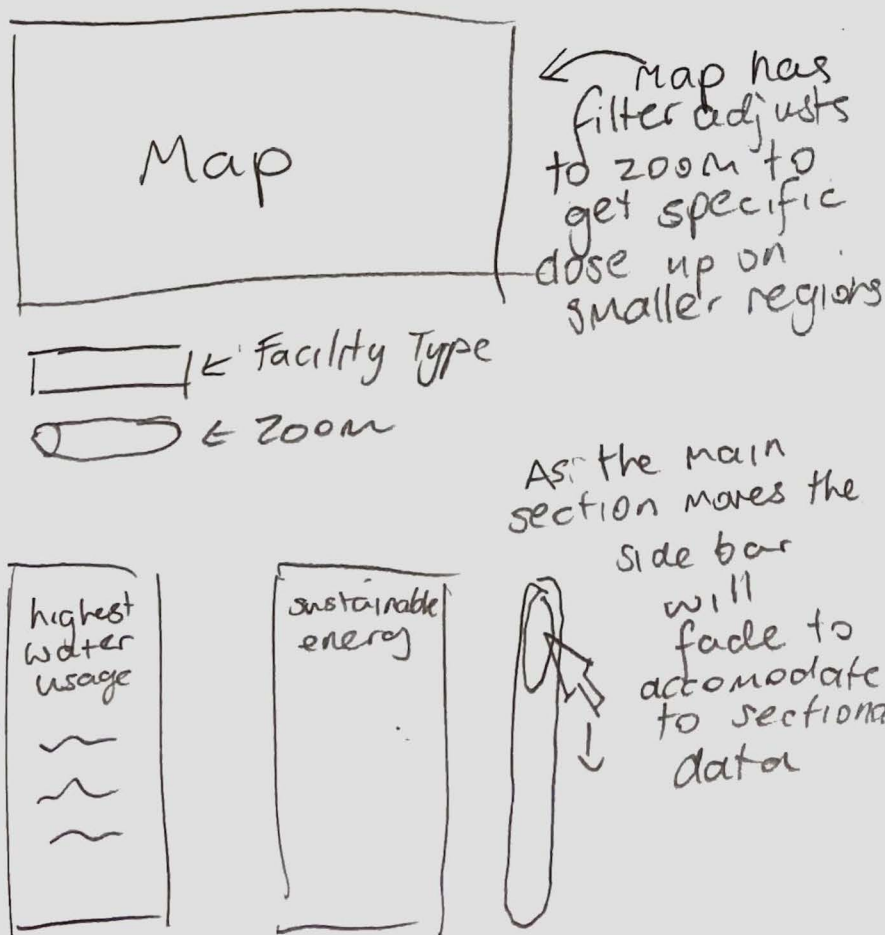
Title: Initaial Design Concept

Description: Interactive Scroll dashboard

Title

Operations:

Each graph will include filters to isolate different sections (SA4 regions)

Scrolling to a different section will allow the sidebar to change info dependon on section

Focus:

Map

← Map has filter adjusts to zoom to get specific close up on smaller regions

⊢ Facilty Type

⊢ Zoom

highest water usage

sustainable energy

As the main section moves the side bar will fade to accomodate to sectional data

Discussion:

Pros:

· The differnt sections give the user better understanding of data.
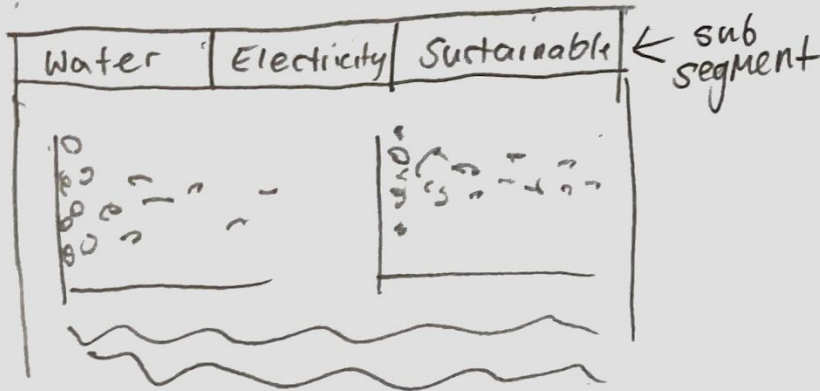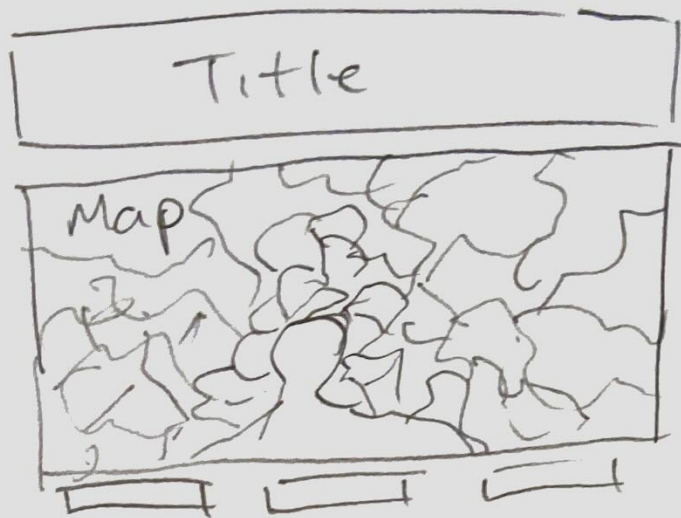
· The dashboard will have a centelised design

Cons

· Map is not the focus and is easily lost

· Side bar could take up good space

SHEET 3

JASPER KIDMAN
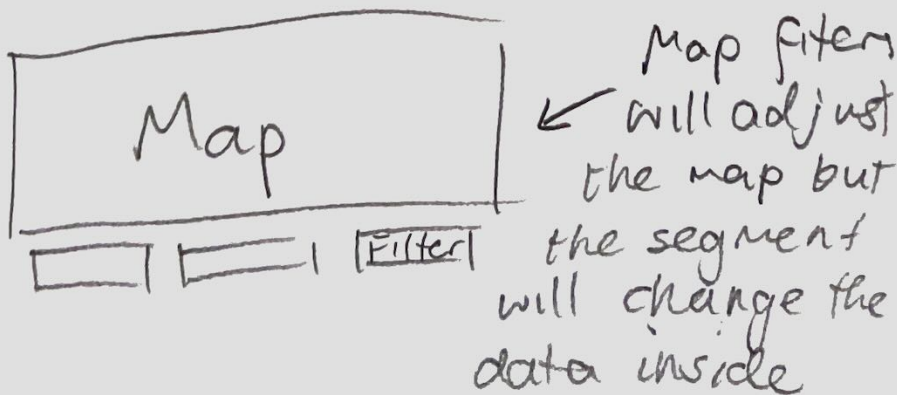
Title: Map Focus Dashboard

Description: Interactive segments that modify map with extra data

Title

Map

| Water | Electricity | Sustainable | ← sub segment |

Operations:

o User can click some of the sub-segment btns and the map will change to present the data whilst changing the pop-down

Focus:

| Water | ~ | ~ |

When segment is selected, The segment below changes to reveal relevant data whilst also changing the map to show water data

Map

Filter

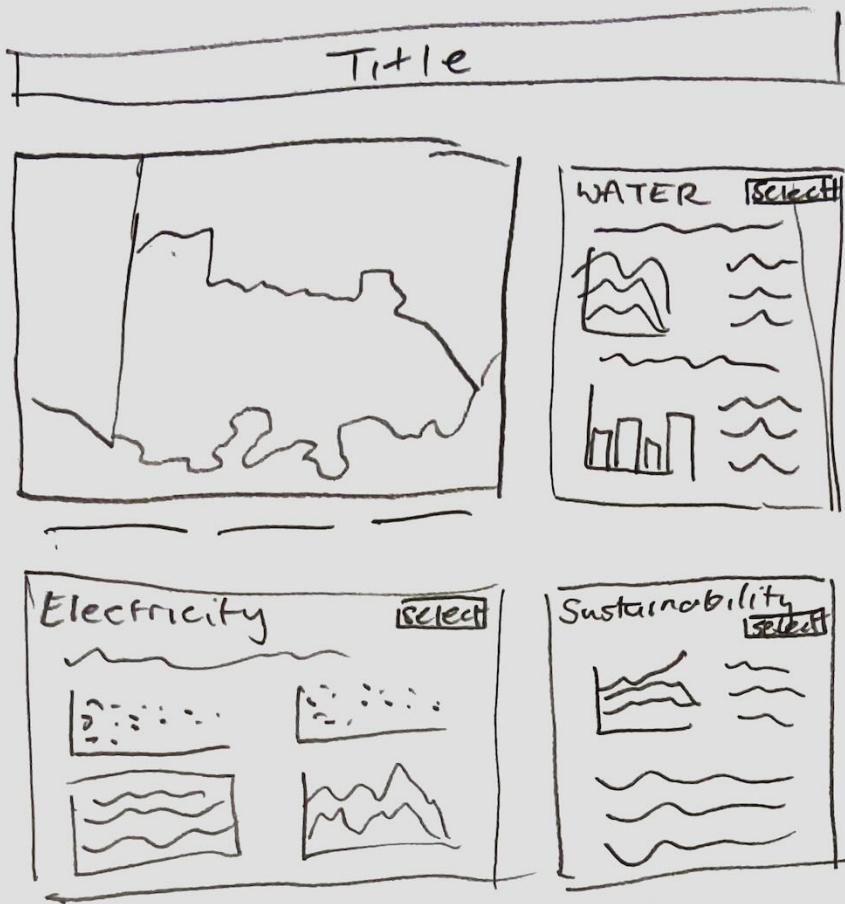Map filters ← will adjust the map but the segment will change the data inside
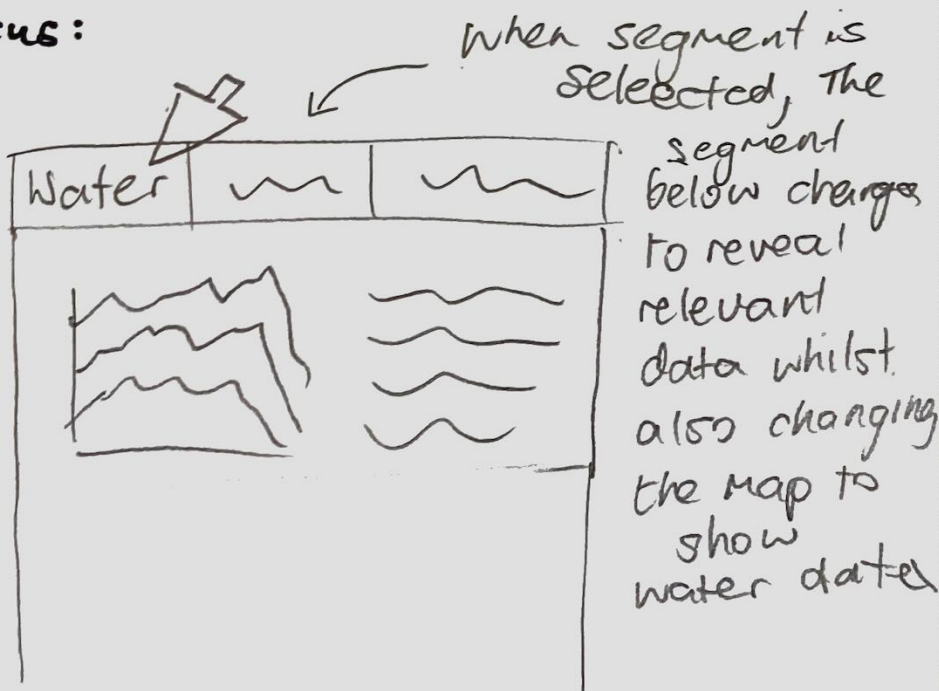
Discussion:

Pro
o The map is the main focus
o Dynamic webpages will allow the user to get more indepth detail

Con
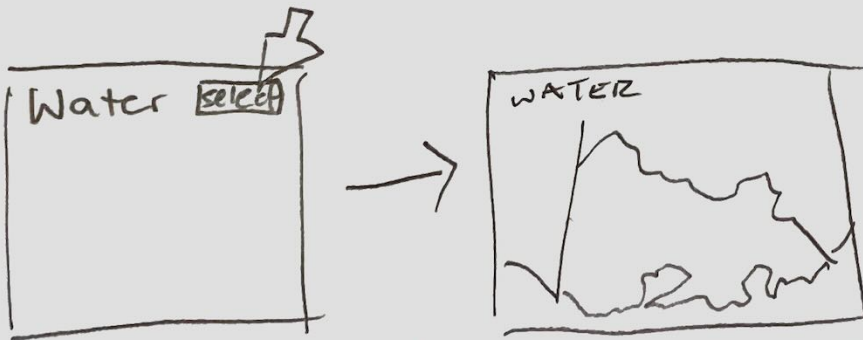o Hard to implement many changes
o Different users might find hard to use

SHEET 4

JASPER KIDMAN

TITLE: Cut segment

Description: Fixed design to observe all data

Title

WATER [select]

Electricity [select]

Sustainability [select]
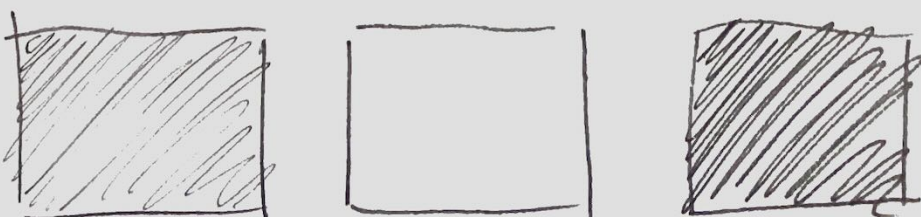
Operations:
- o Each of the segments can be selected to adjust the map data
- o No slider, the dashboard is fixed

Focus:

Water [select] → WATER

When the specific area is selected the map should refresh to the date specified

- Each segment has its own colour to specify, which changes in the map

Discussion:
Pro:
- o centralised designs allows users to grasps. more sections
- o high level of interaction

Cons
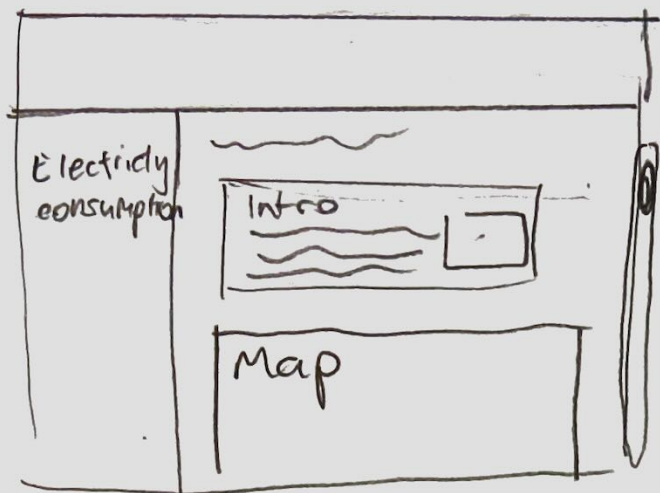- o Can be hard to read when zoom isn't adjusted
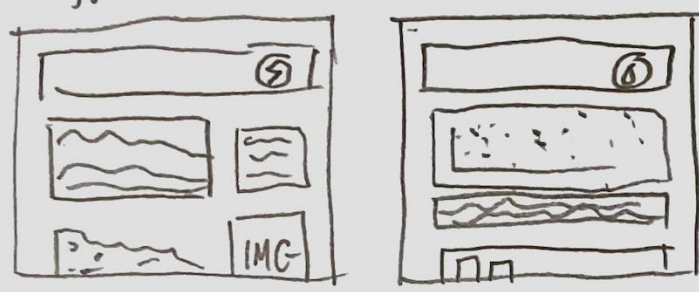- · could be overwhelming to users

SHEET 5

Title:

Final Design

Description:
sheet 2 design
Modified

Electricity consumption

Intro

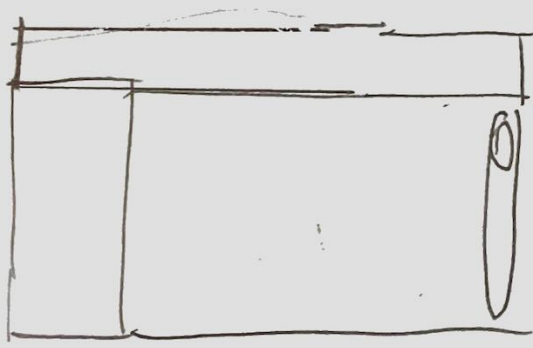Map

Different segments

⑤

⑥

IMG

Operations:

o Scrolling is fixed to main whilst title & sidebar are fixed

o Filters apply to individual graphs

o Data loaded at start

Focus:

Instead of long design, scroll bar will keep title & sidebar locked

Details:

o Limited Colours to be used

o Regions will be the same colour (blue) as too many regions

83109 solar panels installed

Illustrations will accompany graphs to give easily understanding to users

Keeping suburbs & SA 2 connected

Tooros

Yarraville

Annotations on graphs will give better specifics