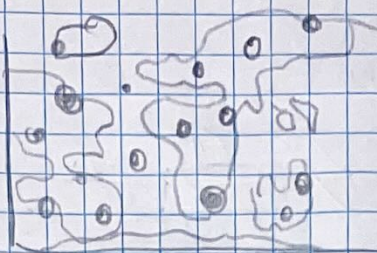


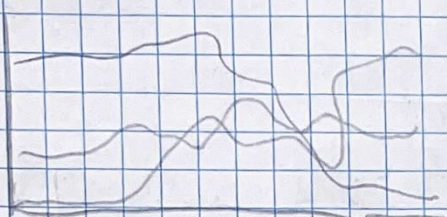
# IDEAS



Choropleth map



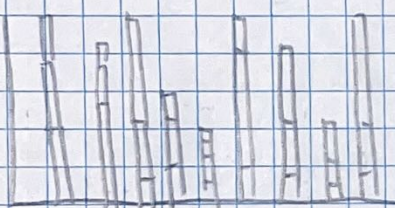
Symbol map



Line graph



Area graph



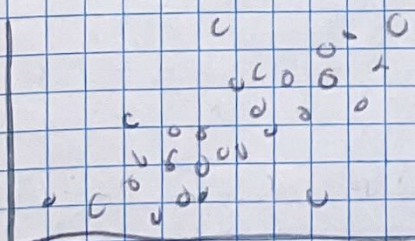
stacked bar chart



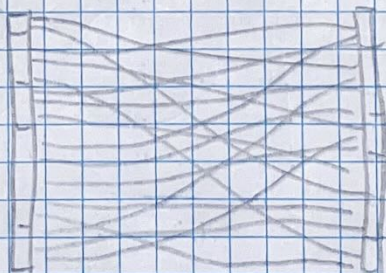
% Bar chart



Pie chart



Scatter plot



Sankey

## Question

Will there be enough visuals?

Enough interactivity?

## Filter

Time slider



Time drop down

2000
2010
2015
2020
2025

Legend Filter

can select

- category 1
- category 2
- category 3

Categorize

Continental region



Country



State



Industry

Combine & refine

Pie chart → % Bar

Area graph → graph

Sankey → scatter plot

Choropleth → symbol



# Initial Design 1.

## Layout



Title : Bleeding earth

Author : Arnan Walker

Date : 10/10/2025

Sheet : 2

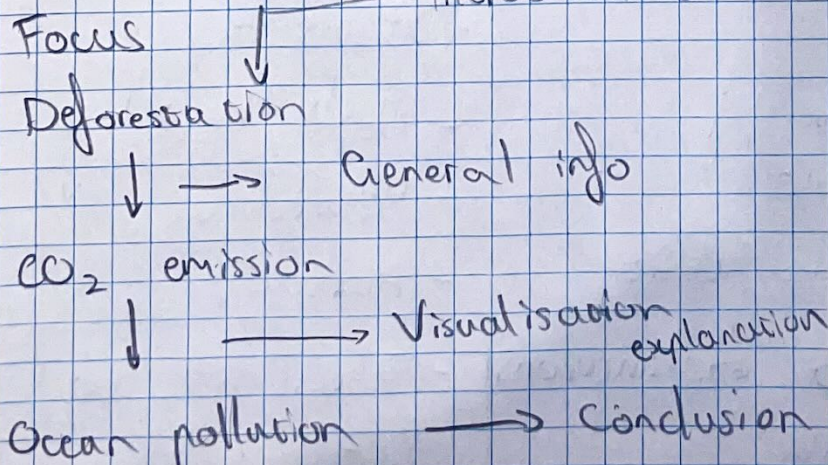
Task : Deforestation, CO<sub>2</sub> emission & ocean pollution visualisation

## Operation

Year filter controls what year of data is visible for sankey + choropleth map

Area graph has time brush filter & can select specific data relationships through legend.

## Introduction



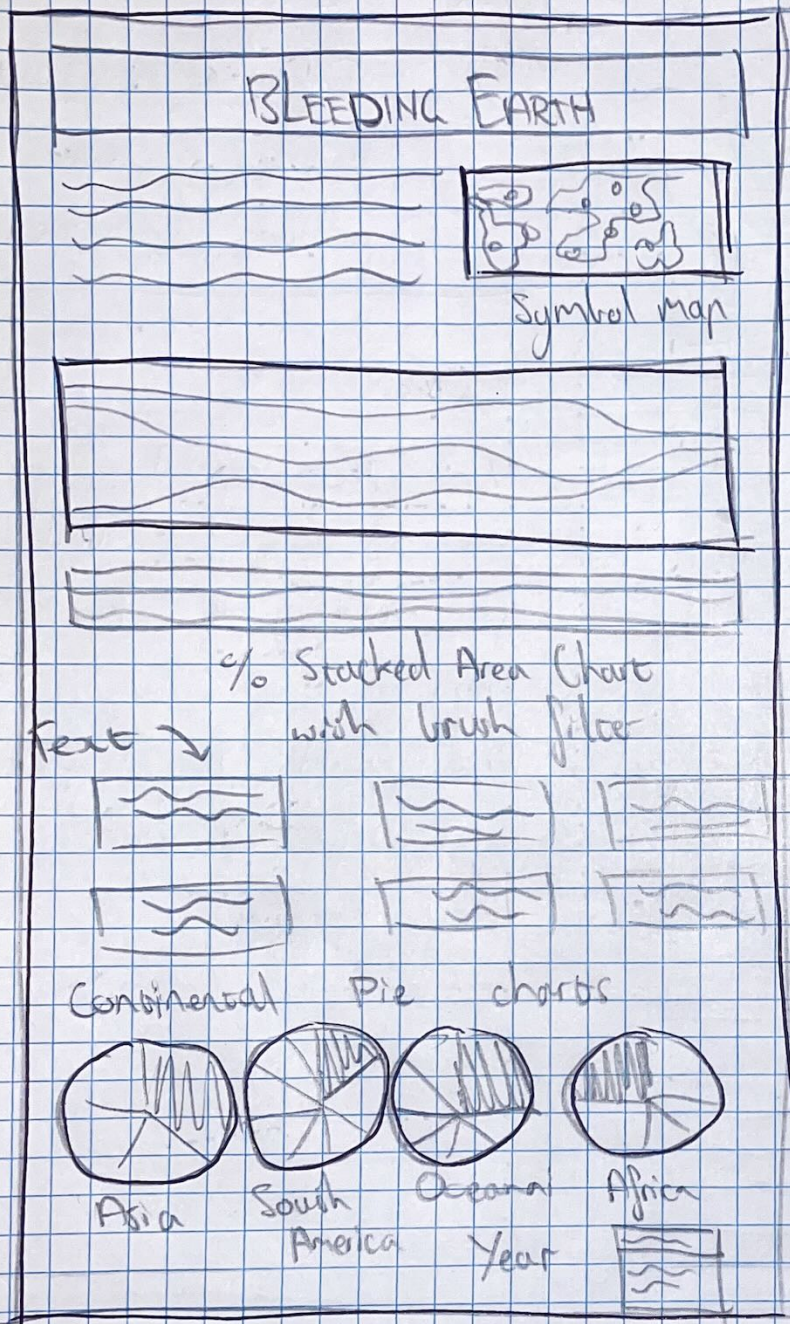
## Discussions

- Too much text
- Not enough visuals
- Good background / aesthetic
- Decent story telling



# Initial Design 2.

## LAYOUT



Title : Bleeding Earth

Author : Arpan Walker

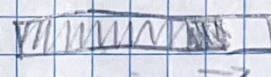
Date : 10/10/2025

Sheet : 3

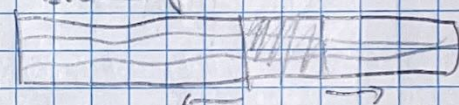
Task : Deforestation,  
CO<sub>2</sub>, Ocean  
pollution visualisation

## Operations

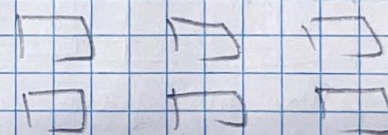
Symbol map with  
volume slider filter



Brush filter



Filter by text box



Labelled by continents

## Focus

Symbol map explanation of  
data + how to use

Tooltips for stacked area chart

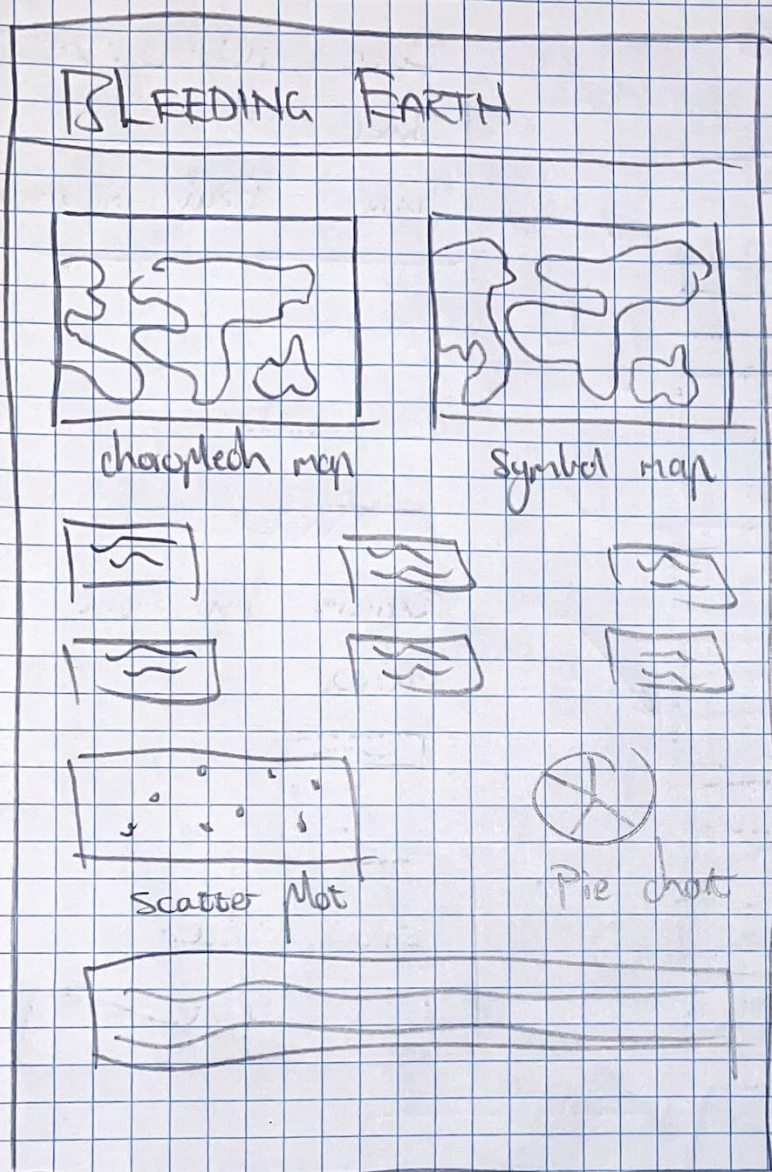
2 Pie graphs with explanations  
of how to use filter

## Discussion

- Good level of interactivity
- Aesthetic
- Perhaps still too few visuals



# Initial Design 4



Title : Bleeding Earth  
 Author: Arnan Walker  
 Date : 10/10/2025  
 Sheet : 4  
 Task : Deforestation, CO<sub>2</sub> emissions and ocean pollution visualisation

## Operation

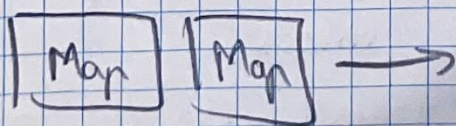
Choropleth & symbol map controlled by same filter

Drop down filters

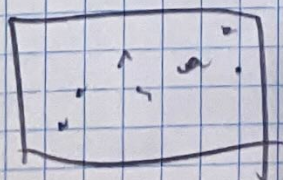
Time slider

## Focus

Summary explaining context



explain relevance & how to use



CO<sub>2</sub> & ocean pollution

## Discussion

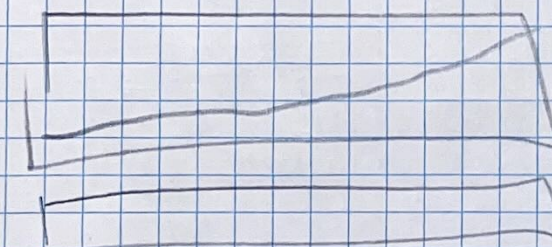
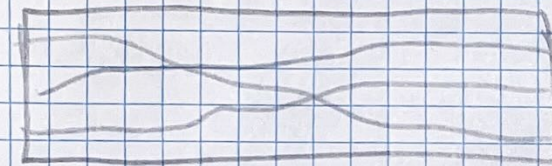
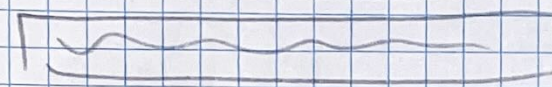
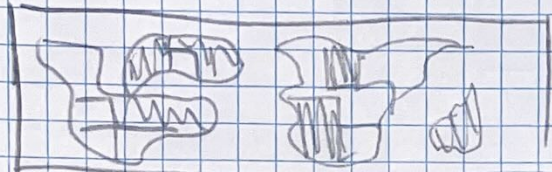
- Little text
- Few explanations



# Final Design

## Layout

BLEEDING EARTH



Title : Bleeding Earth

Author : Artem Walker

Date : 10/10/2025

Sheet : 5

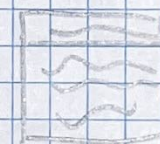
Task : Final implementation

Operation

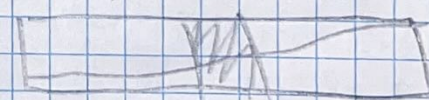
Year slider



Region drop down menu



Brush filter



## Focus

Colour used to portray severity of information

Choropleth map

Colours used to distinguish regions

## Detail

- Good interactivity
- Good no. of visuals
- Good explanations