



Climate 10aT2

# Materiality

## Group presentation

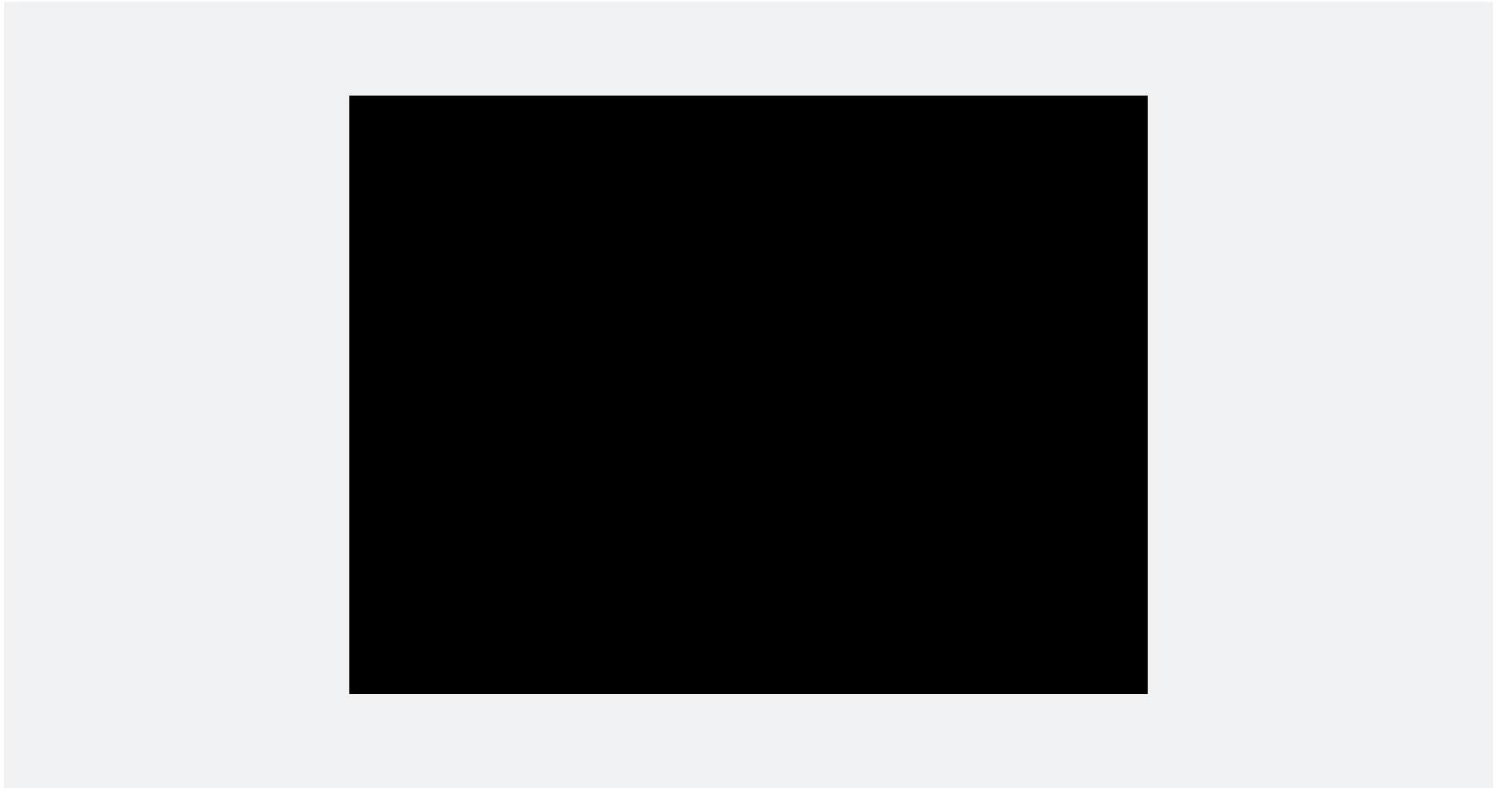
Monday 28th November

# Proposal:

We propose creating a sculpture consisting of data vectors that map the shifting patterns of bird migration caused by climate change.

We want to disrupt our understanding of the materiality of sculpture.

Through this, we will explore our interconnectedness with nature and challenge our notions of time, place, and ownership.



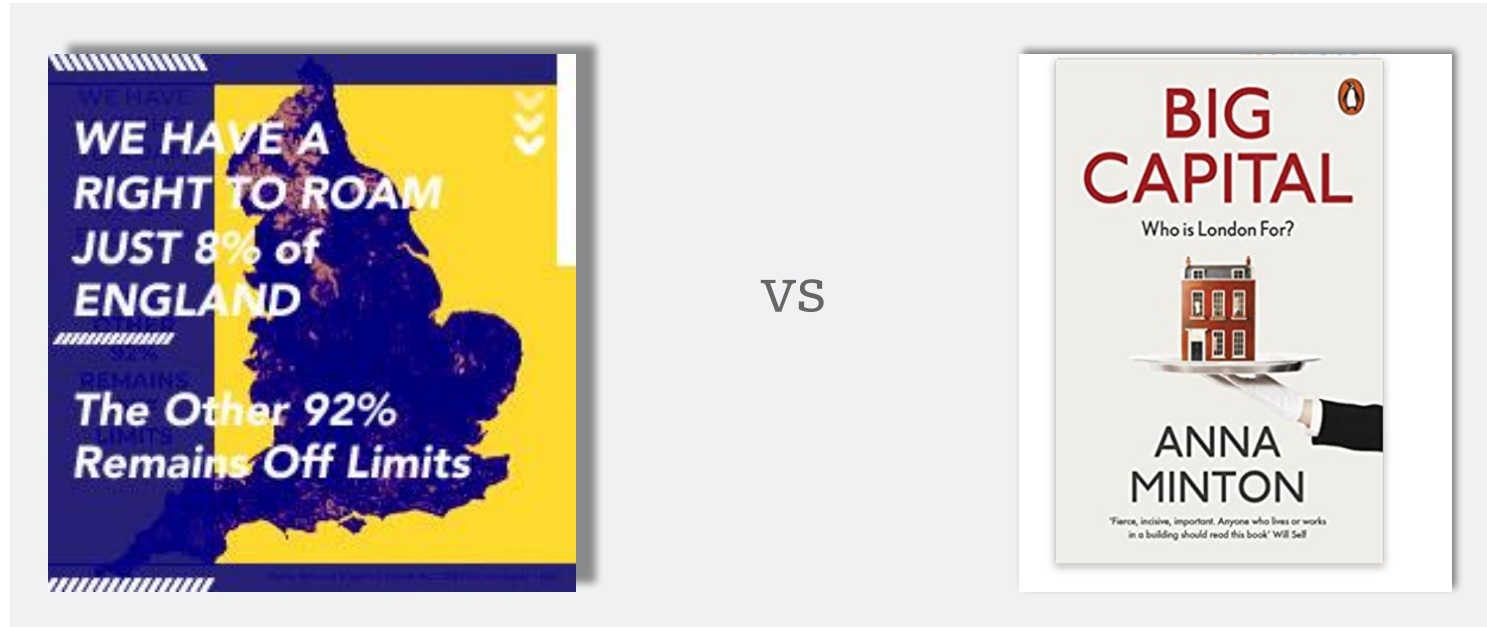




Our first group task considered the idea of walking as a method of research.



Initial talks then moved on to us discussing movement across spaces.



Public Land

Private Land

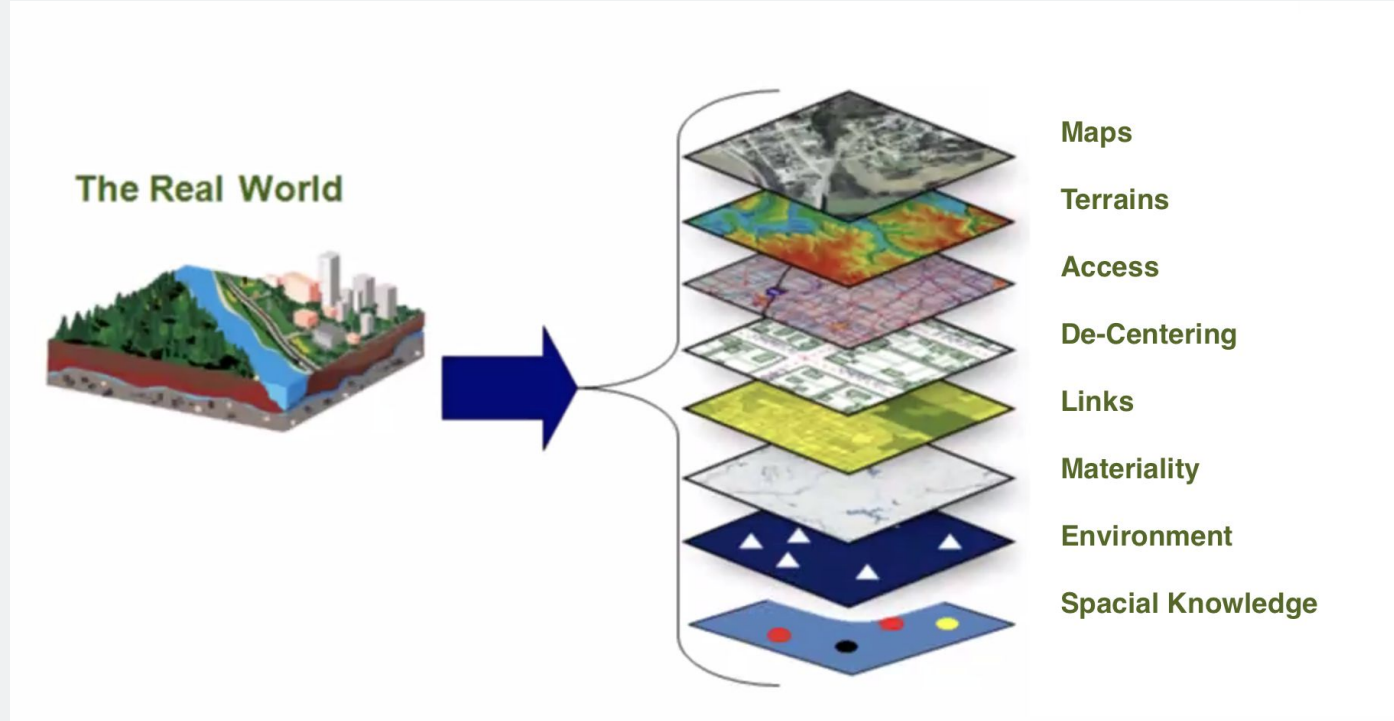
*Examples of initial references that we drew upon*



# The 'data' of a map vs an experience of place and (in)visible layers of time



This led us to consider *how do we map the things that we don't know?*



*And what is the materiality of that knowledge and how would it look as a sculpture?*

The background features a pattern of dark grey ovals and lines on a white background. The ovals are arranged in a grid-like pattern, with some lines interspersed. The lines are thin and dark grey, and they appear to be part of a larger, more complex pattern that is partially obscured by the text box.

We then went on to consider the changing migration patterns of birds due to climate change.

And how any data we find could exist as a deconstructed sculpture.

Using a chosen outdoor space, our sculpture would exist as an unseen entity of data nodes.

These 'nodes' would be part of a traceable network that mimics natural movement of birds in a space via some interface (most likely an app).

This 'shift' or 'change' in relation to accepted norms of sculpture, mimics the same shifts in migrational patterns of birds.

This rift in perception acts as a metaphor for the materiality of natural patterns changed by man made affect.



# Plan of Action:

- Produce a set of questions we form from field and desk research.
- To have a workshop with a group of twitchers. With aims to understand migratory patterns of birds.
- Compare the research collated so as to understand what we want to base our methodology of production on.
- Look to interpret found migration patterns into a 'deconstructed sculpture', this *could* include:

Orbital stories floating in a space.

Geo-positional nodes found by pointing your phone at a spatially mapped terrain.

Live feeds of environmental conditions, data sets, and expected migration patterns.

# Week 1 (12th Dec - 16th January)

- Make a list of questions for general research. Possible research questions:
  - Bird types in particular we would want to look at
  - Weather changes affecting birds
  - Bird behaviours
  - How does (if at all), digital and electromagnetic systems disrupt bird behaviour
  - To bring about ideas on what skills can best be utilised within the group.
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- Try to reach out to twitchers and organise workshop.

## Week 2 - (2nd - 6th January)

- Collate and compare the research done in week 1
- Workshop week
- Research week

## Week 3 (9th - 12th January)

- Compare and analyse the different research
- Plan how can this data be transformed into a deconstructed sculpture.