



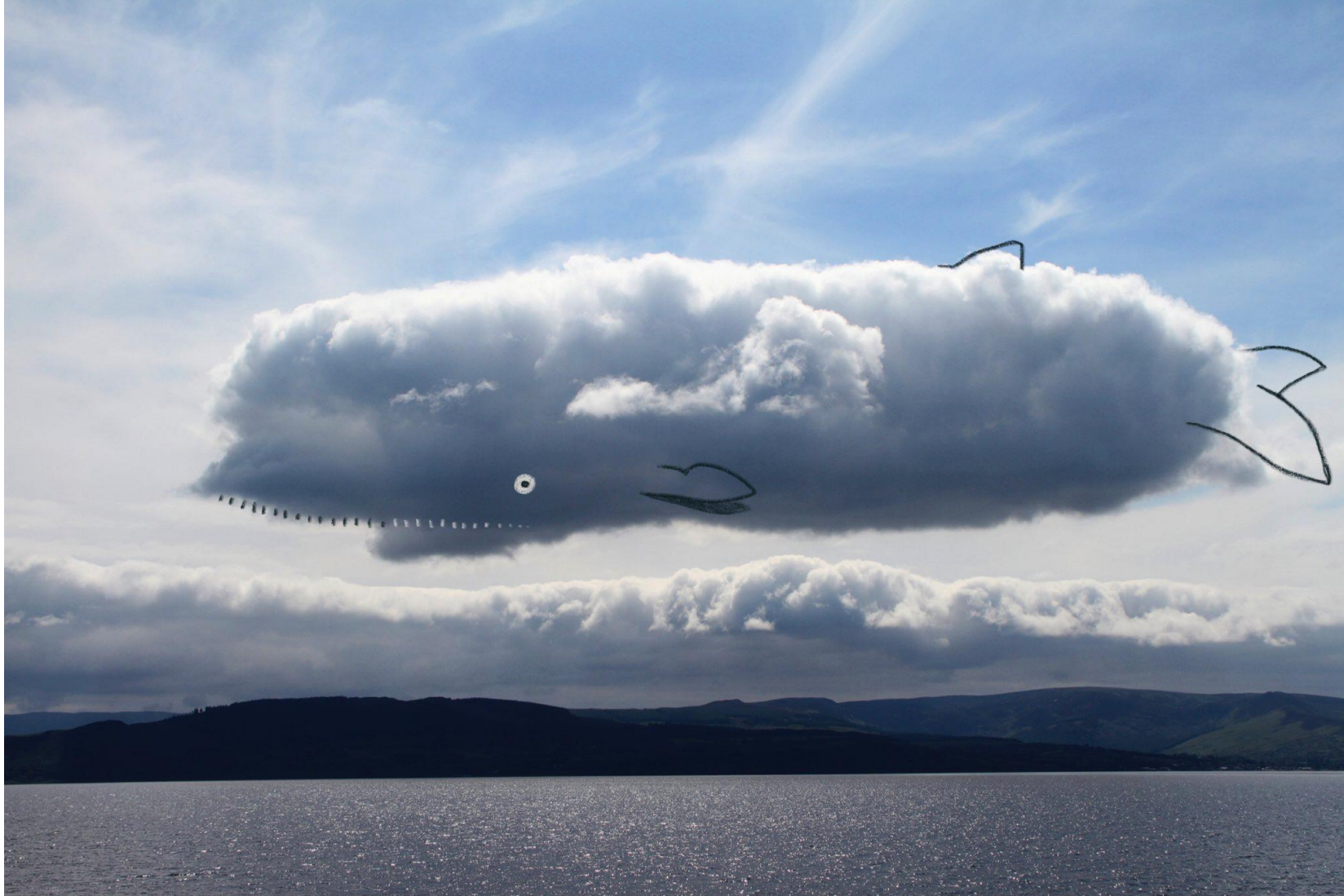
# CEPNET Session 7

# Today's Plan

- ▶ Topical issues- managing climate adversity, positive/negative
- ▶ Working on the plan- week by week structure
- ▶ Work at tables in groups on research/planning
- ▶ Discussion

# Where's the animal?







# Volcanic eruption in Democratic Republic of Congo



<https://www.nytimes.com/2021/05/23/world/africa/congo-volcano-eruption.html>

# Blackbird story

- ▶ <https://twitter.com/rtenews/status/1397522909275377672>

# Ballygowan and RPET

- ▶ Ballygowan has moved its full range of grocery products to RPet, fully recycled and recyclable bottles.
- ▶ PET is the most common type of plastic resin. To create virgin PET, producers extract crude oil and natural gas from the Earth, then process and heat it to form a molten liquid. They spin this liquid into fibers to create polyester **fabric**, or they mold and solidify it into PET **plastic containers**.
- ▶ PET is considered a highly recyclable plastic. Used PET containers can be washed and re-melted into plasma, from which new items can be crafted. Less than half of plastic bottles purchased each year make it to recycling facilities. Only around 7% of those recycled are turned back into usable bottles. Manufacturers may not always be able to turn all salvaged plastic into new containers, but these other plastics may find a new calling as recycled polyester fabric, or rPET. This recycled polyester fabric can be used to make products including backpacks, leggings, t-shirts, and reusable grocery bags
- ▶ A recycled plastic shopping bag, single-use or otherwise, will not biodegrade because it's made of a synthetic material. Instead, it will break down into microfibers and eventually make its way into the waterways, soil, and even our food! Bamboo and cotton bags will biodegrade because they are made of natural fibers- a 100% cotton bag will biodegrade in about 5 months and a 100% bamboo bag will take about 8 months, but both can take longer depending on the conditions!

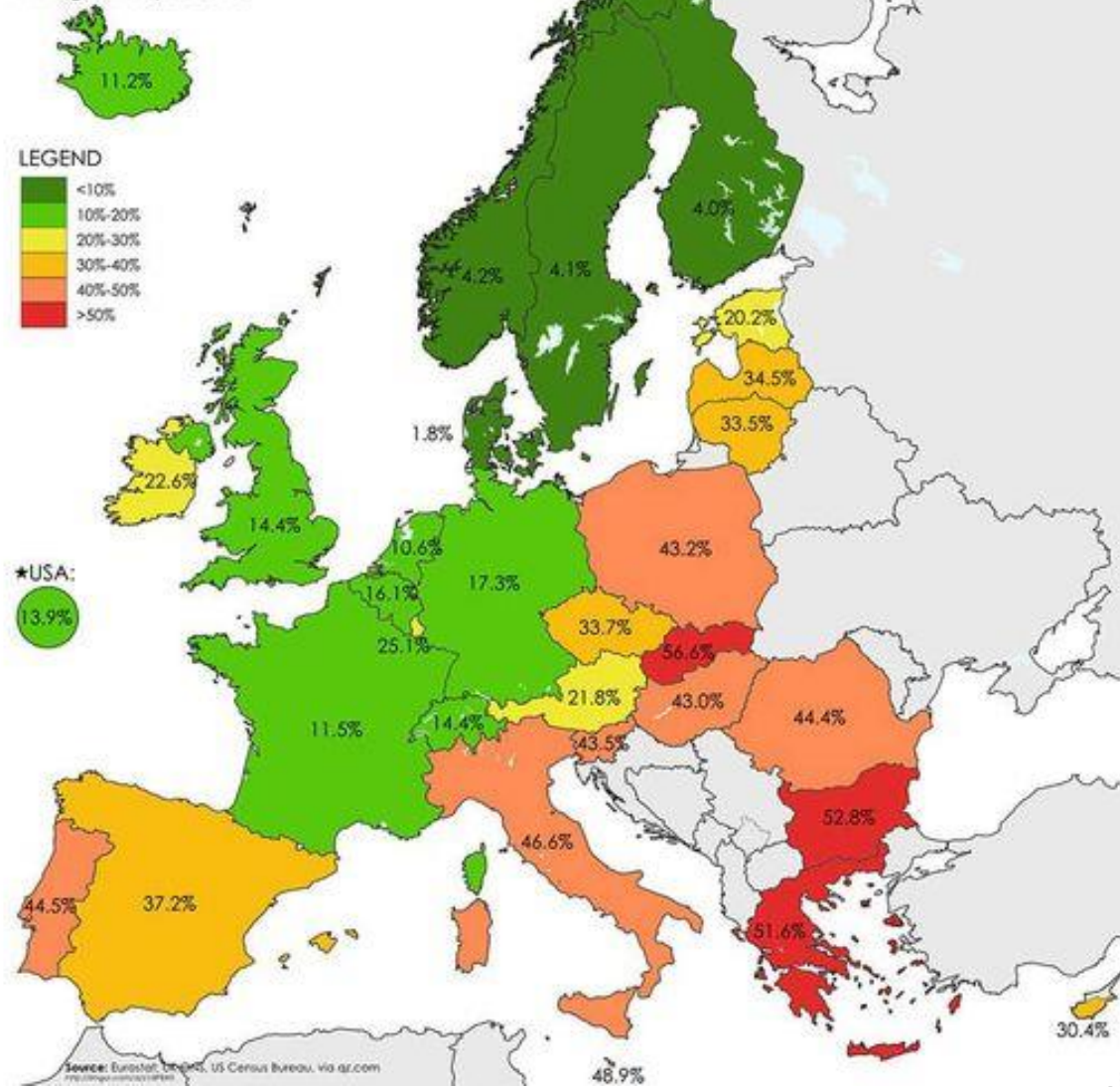
<https://earthhero.com/whats-the-deal-with-rpet/>

<https://www.beveragedaily.com/Article/2020/09/24/The-journey-to-100-recycled-plastic-bottles-rPET-in-the-UK>





Share of young people aged 25-34 living with parents





# Project planning

- ▶ Week 8: What will we be doing outside class to move project on?
- ▶ Week 9: Will we be ready to show some results? Who is the audience?
- ▶ Week 10-11: What is it going to look like? Organising the presentation?
- ▶ Week 12: Presentation time.

# Online Activities

- ▶ Behaving appropriately when online, i.e., encouraging students to use THINK:
  - ▶ Is it Truthful?
  - ▶ Is it Helpful?
  - ▶ Is it Inspiring?
  - ▶ Is it Necessary?
  - ▶ Is it Kind?
- ▶ Learning to protect their private information online.
- ▶ Being respectful of themselves and others.