

# Dealing with Extreme Weather

- 10.15 Welcome and introduction  
**Anne Chapman** (Green House),  
**Natalie Bennett** (Green European Foundation)
- 10.30 Lancaster and Storm Desmond  
**Caroline Jackson**, Lancaster City Council
- 11.05 El Prat, a Catalan experience of extreme weather  
**Sergi Alegre Calero**, Vice-Mayor, El Prat
- 11.40- 11.55 – break, tea and coffee
- 11.55 The 2003 heat wave and its aftermath in France  
**Alice Le Roy**, policy advisor (2001-2010), Paris City Council
- 12.30 Questions and discussion
- 1.00 – 2.00 – Lunch



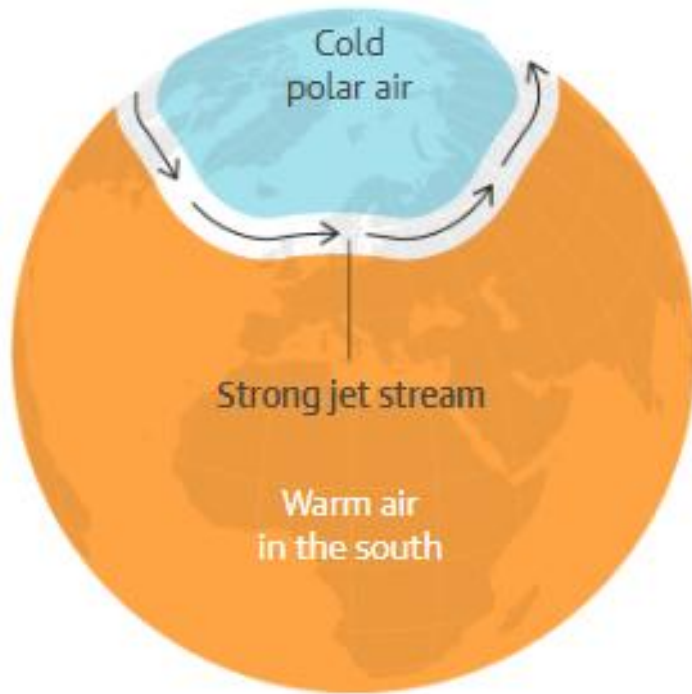
GREEN EUROPEAN FOUNDATION

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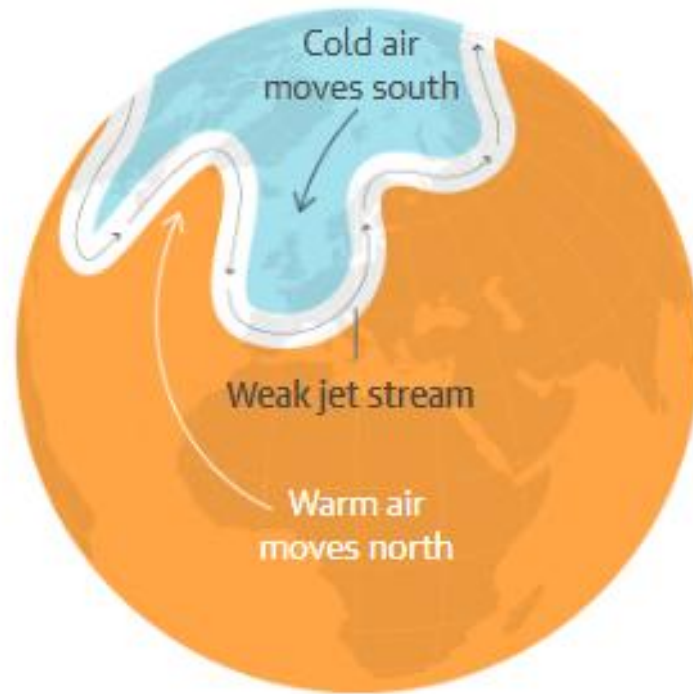
## How Arctic meltdown can lead to extreme weather

### Normal polar jet stream



The jet stream forms a boundary between the cold north and warmer south. The temperature difference between these two areas powers the jet stream to speeds up to 250mph at about 8km above the surface

### Weak polar jet stream



Arctic warming narrows the temperature difference, resulting in a slower jet stream that meanders more. The loops bring extreme weather to lower latitudes