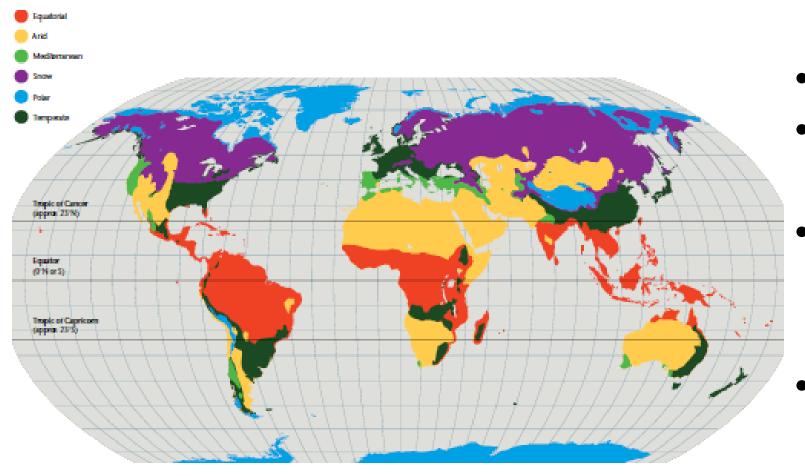


# Climate change



- Hotter, drier summers
- Warmer, wetter winters
- More extreme events

   storms, floods,
   droughts
- Sea level rise

#### THE UK'S BIODIVERSITY IS DECLINING



15% of species are threatened with extinction from Great Britain \*

of 8431 assessed have already become extinct from Great Britain

#### **SINCE 1970...**

More species have seen their populations decrease than increase:

41%

have

decreased

33%

little have change increased

26%

We have seen big changes in where the UK's wildlife is found:

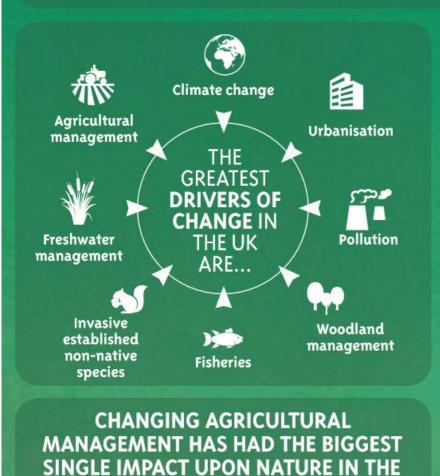
27%

52%

21%

found in fewer places

little change found in more places



CLIMATE CHANGE IS HAVING AN INCREASING IMPACT ON NATURE IN THE UK



48%

of moth decline is due to climate change



60%

of aphid increase is due to climate change

The UK's kittiwake population has declined by 70% since 1986 as climate change has reduced the availability of sandeels, a key food source in breeding season



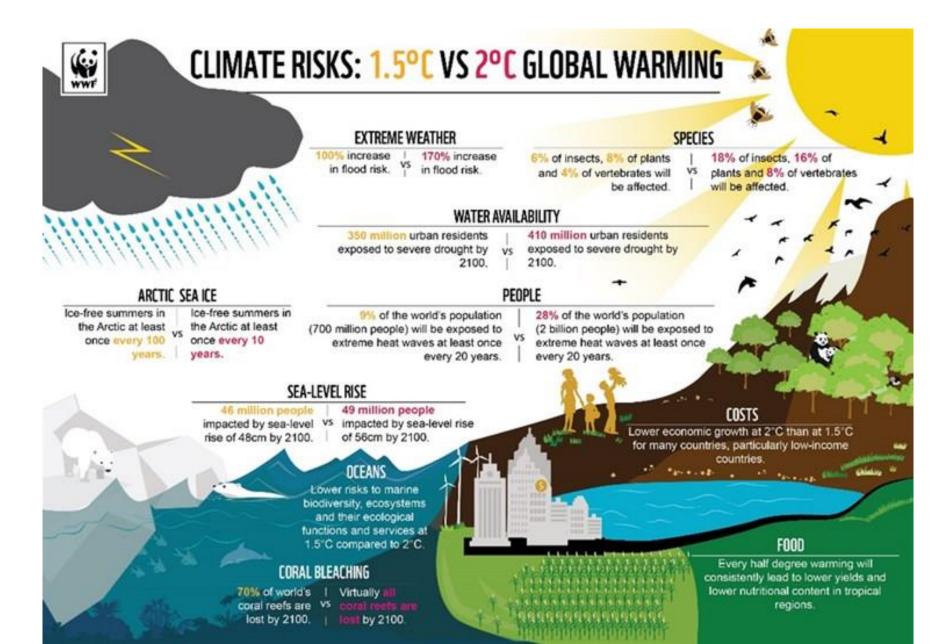
Migratory birds are arriving and laying eggs earlier:



Swallows are arriving in the UK 15 days earlier and breeding 11 days earlier than they did in the 1960s

Great tits lay their eggs on average **11 days earlier** than they did in 1968

### Why an emergency and why now



## Impacts locally



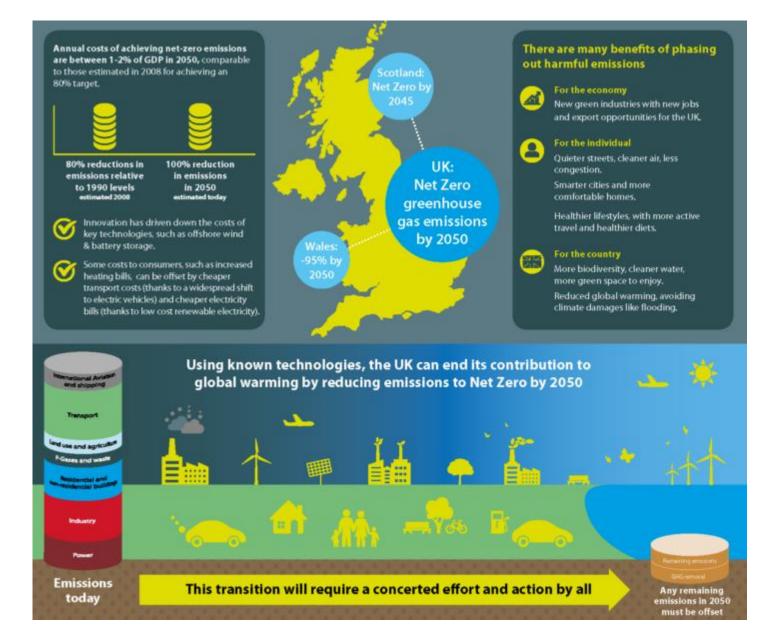


## Impacts locally

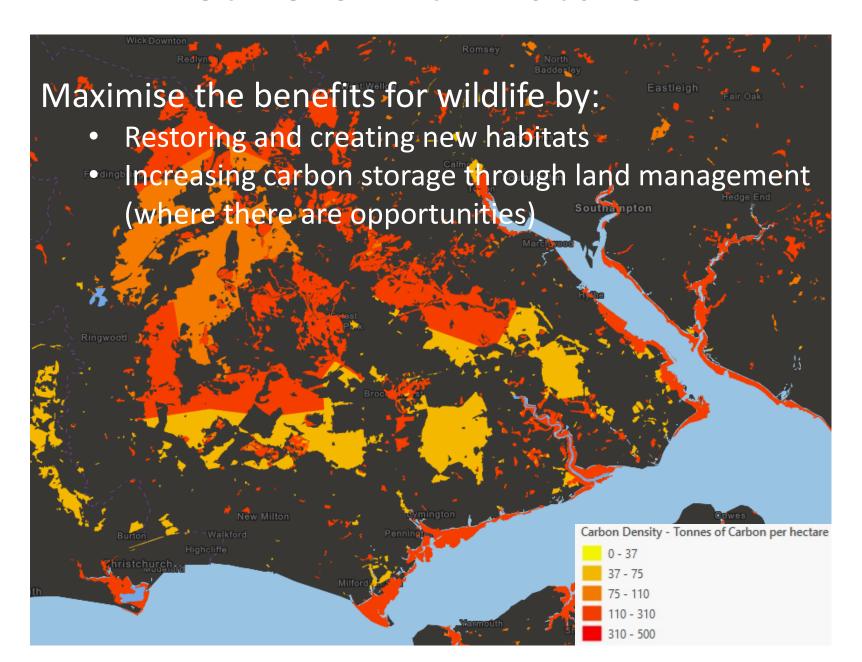


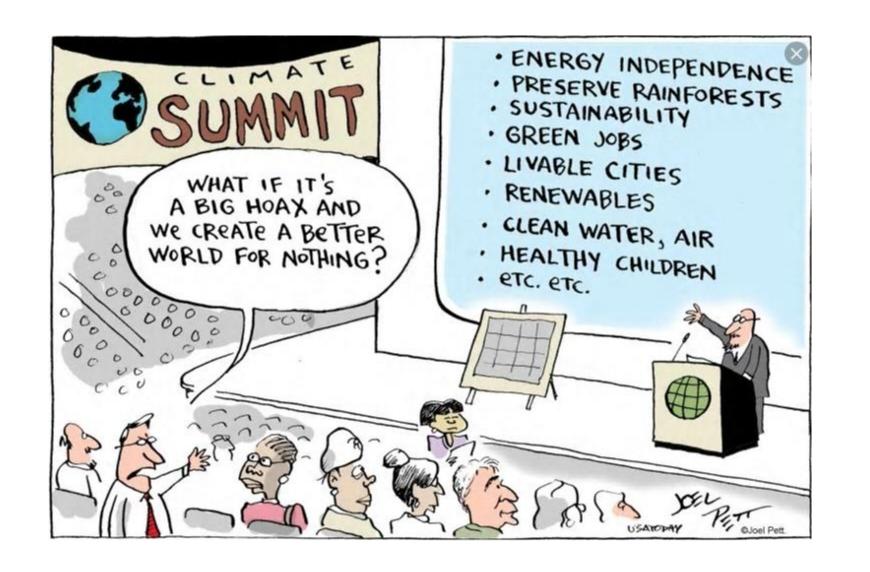


#### Net Zero 2050



### Net Zero with Nature





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