### Accounting for climate change

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# Who we are

Key ambition of NaturaConnect: **co-create with key decision-makers** and stakeholders from EU Member States **an ecologically representative, resilient and wellconnected network of conserved areas** 

**15** Research organisations

7 National agencies & conservation NGOs





# Climate change threatens conservation efforts Species may shift their ranges outside current PAs



Proportion of species projected to lose (lefthand bars) or gain (righthand bars) climatic suitability in European protected areas by 2080





# Securing climate resilience of PA networks

Under climate change, protecting present habitats is no longer enough

#### **Species current core habitats**

strongholds that are needed to support the production of new individuals while populations adapt to environmental changes

#### **Species future core habitats**

species need places to go and persist, and these are the only suitable areas in the long run

#### **Connectivity between present and future**

so that the landscape supports the movement of individuals as species shift their ranges to new areas



# Species range shifts can be anticipated



\*Please note that these are not the final maps used in NaturaConnect



# Connectivity between present and future

Factoring in species' dispersal capability and critical connecting areas





## Prioritising for climate resilience





## Prioritising for climate resilience





## Protected areas for the future, for nature and people



See NaturaConnect's presentation from Tuesday morning



# How to plan for uncertain future?



Finding robust solutions across alternative futures



Acceptable balance between *certain* present and *uncertain* future



How much weigh can be given to future areas before we risk protection of present?



## Come talk to us!

We hope to be collaborating with you over the next few years

### contact us anytime:



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