



Biodiversity needs vs. biodiversity funds

Laura Meller
Spring Symposium
2014

Conservation,
climate change
and EU
biodiversity
funding



Thank you

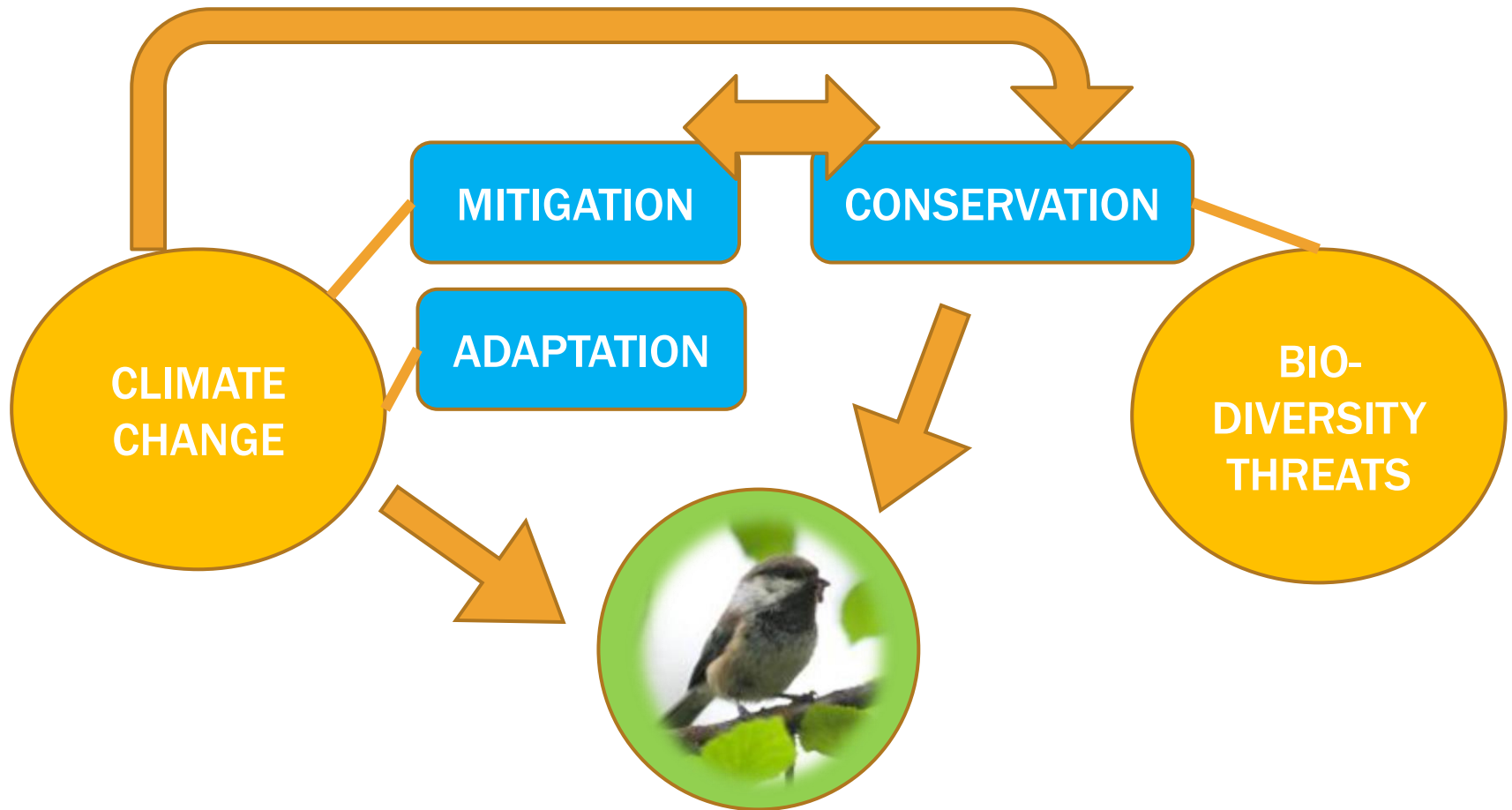
Tobias Lung
Astrid van Teeffelen
Wilfried Thuiller
Mar Cabeza



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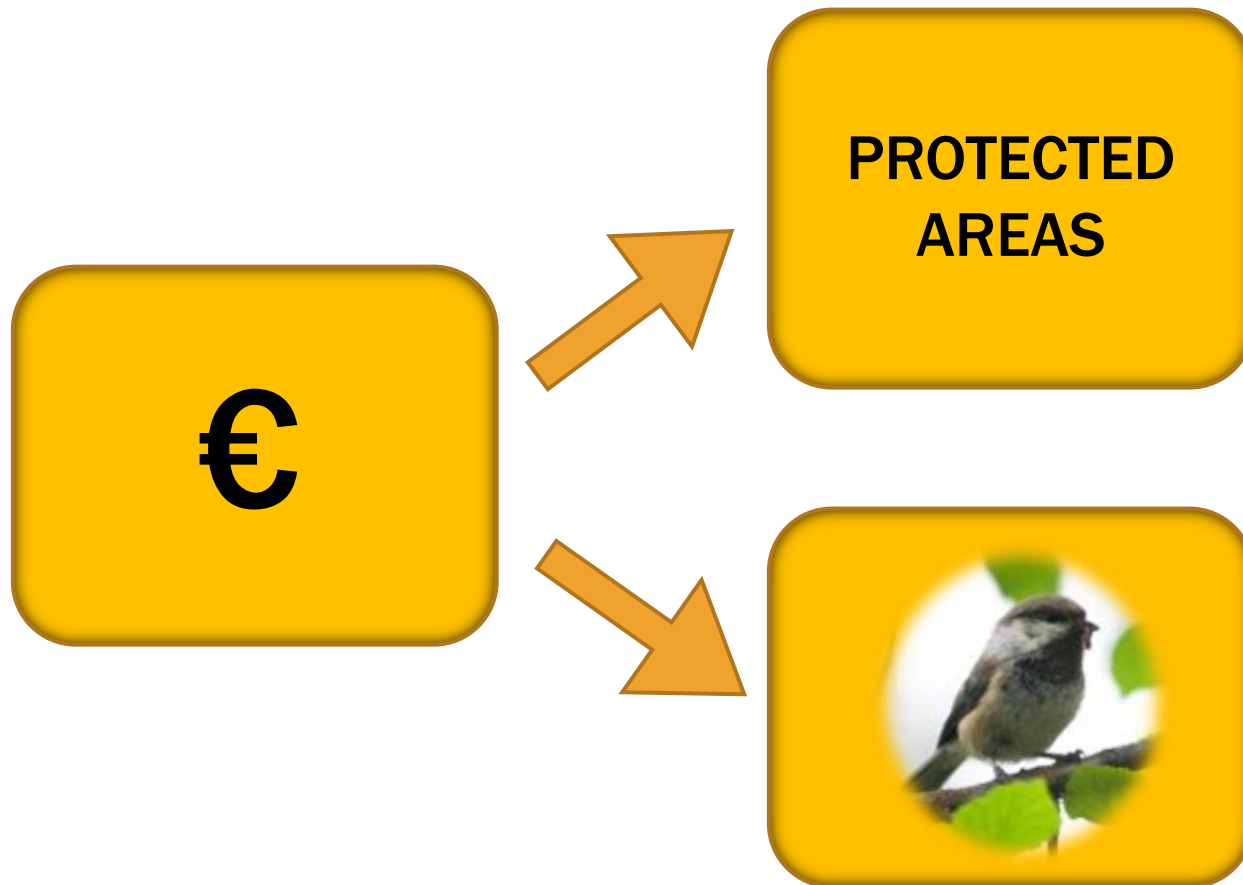


European biodiversity policy under climate change





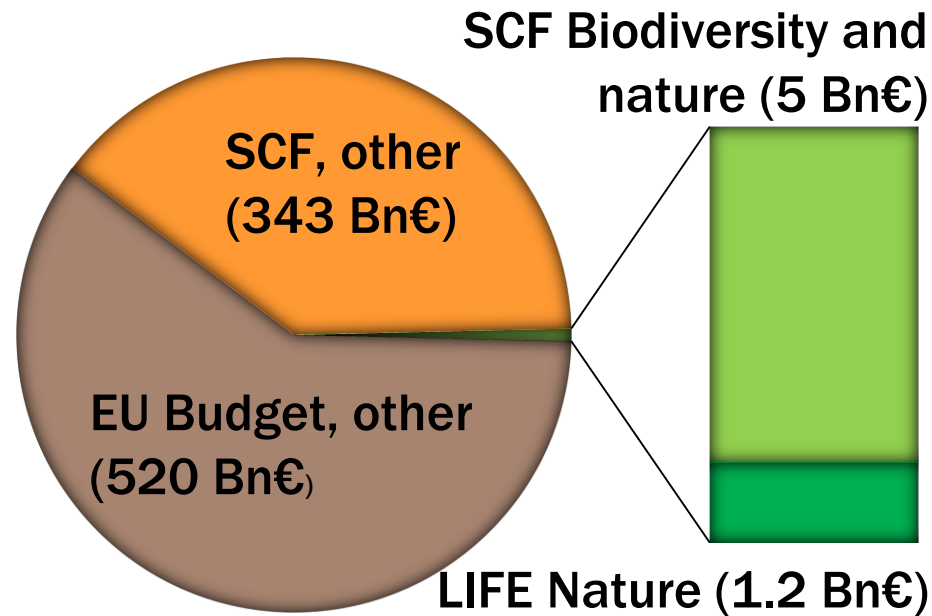
Are biodiversity funds distributed meaningfully in the EU?







Biodiversity funds in the EU



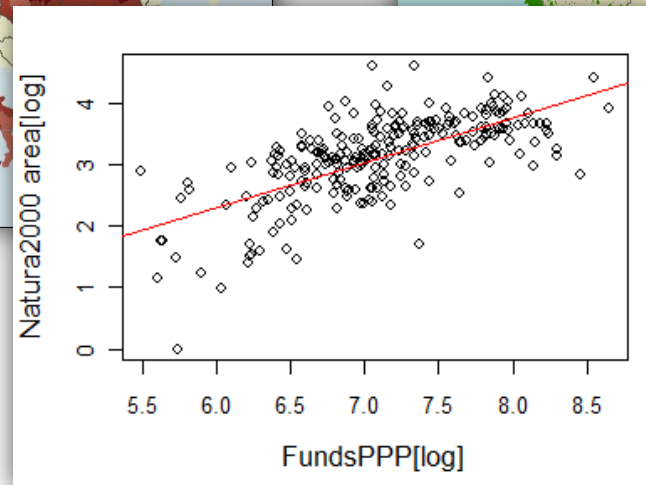
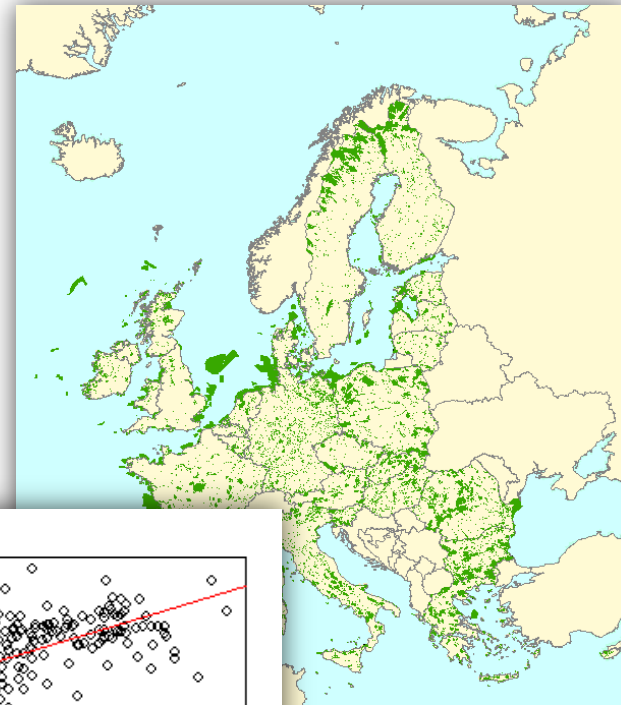
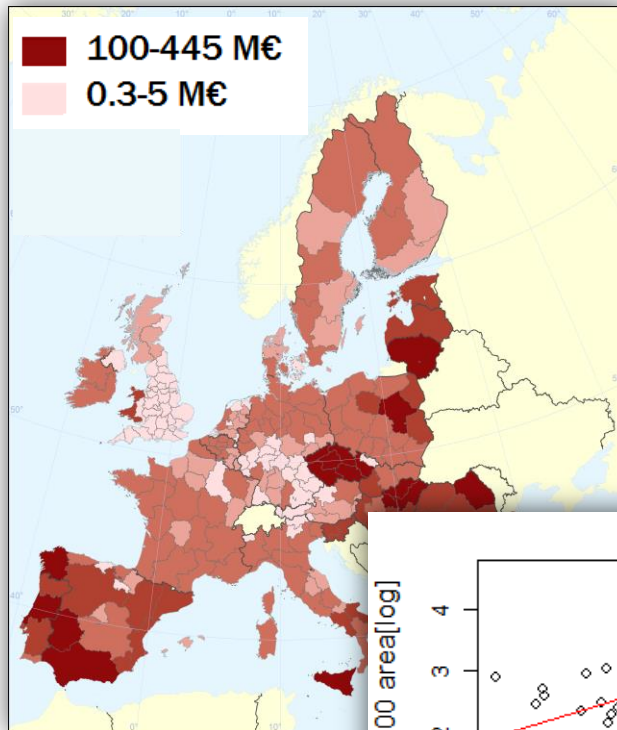
Covers **25%** of needs for Natura 2000
(Gantioler et al. 2010)



**PROTECTED
AREAS**

PROTECTED AREAS

Distribution of funds corresponds to Natura 2000





But we need to look beyond

ECOLOGY LETTERS

Ecology Letters, (2011) 14: 484–492

doi: 10.1111/j.1461-0248.2011.01610.x

LETTER

Climate change threatens European conservation areas

Miguel B. Araújo,^{1,2*†} Diogo Alagador,^{1,3†} Mar Cabeza,^{1,4} David Nogués-Bravo^{1,5} and Wilfried Thuiller⁶

63% species losing climatically suitable space in the Natura 2000 network



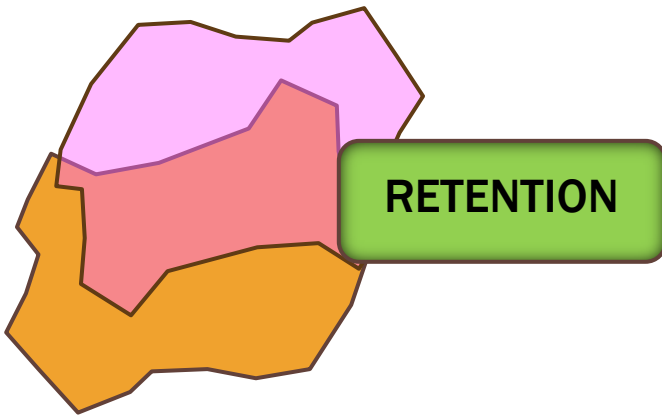




Conservation priorities under climate change

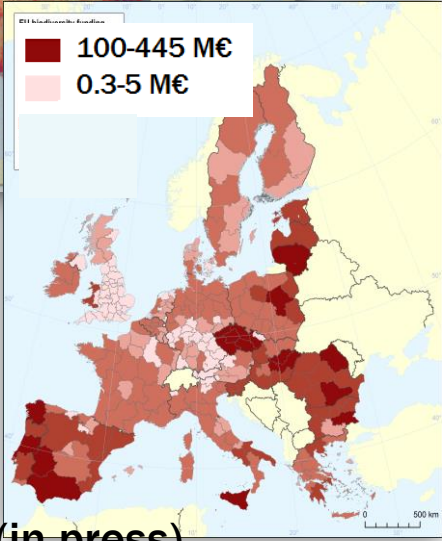
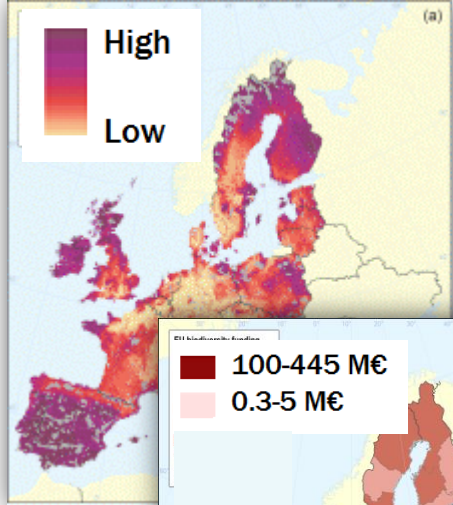
156 species:
BWPi 2006

Range
projections
(BIOMOD)

Conservation priority
ranking (ZONATION)



 2050 suitable (B1)
 Current suitable



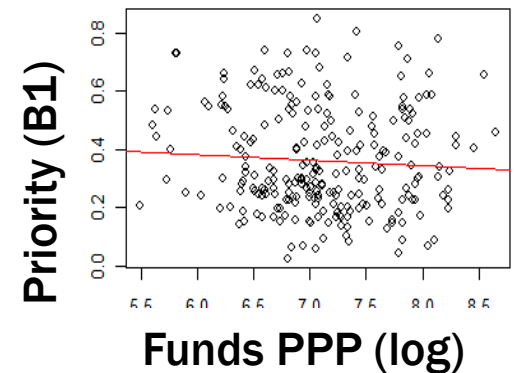
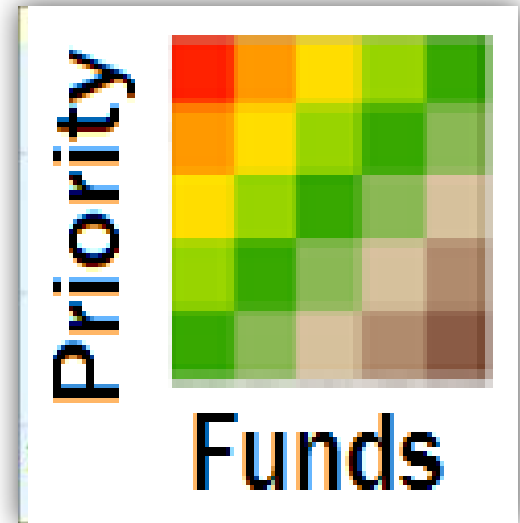
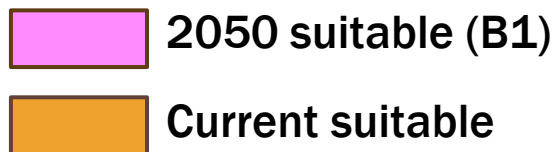
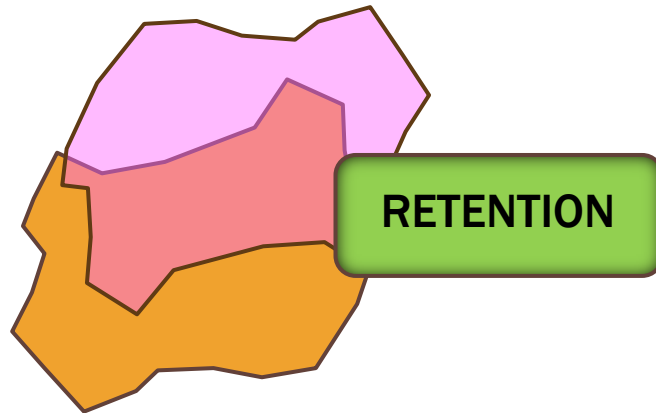


Conservation priorities under climate change

156 species:
BWPI 2006

Range
projections
(BIOMOD)

Mean priority rank vs. funds





Are biodiversity funds distributed meaningfully in the EU?





Recommendations for policy 2014-2020

Funding criteria should favour projects
with measurable biodiversity benefit
at sites with high biodiversity value
accounting for climate change