



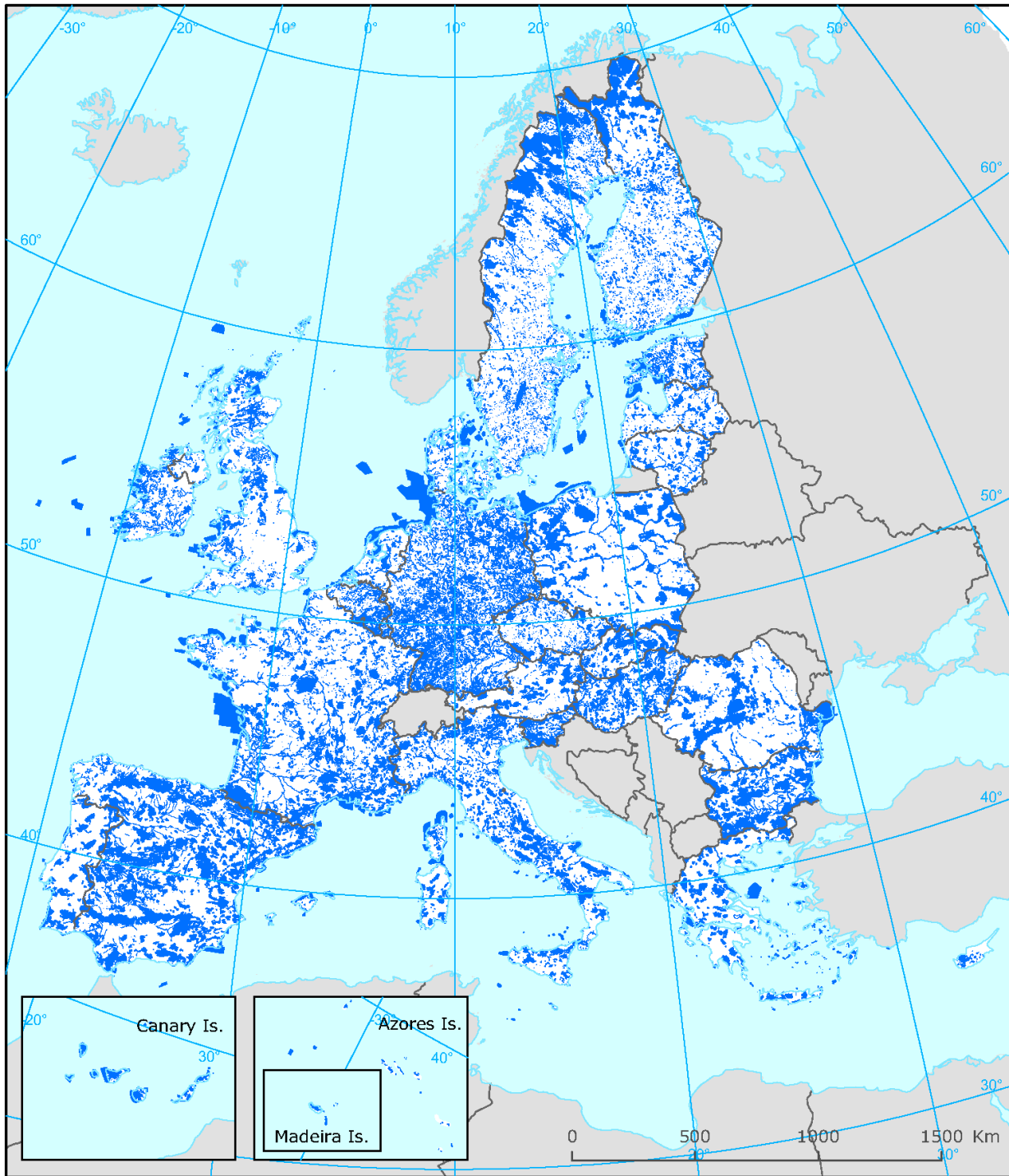
Developing connected living ecosystems

NATURA2000 as the foundation
for climate-friendly sustainable societies

Ignace Schops
President EUROPARC Federation

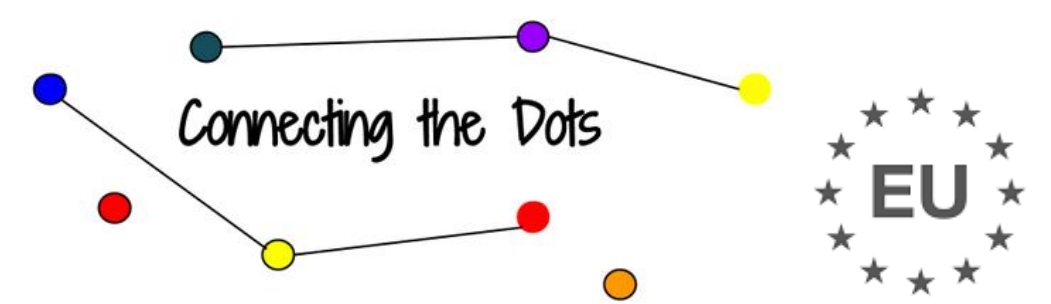
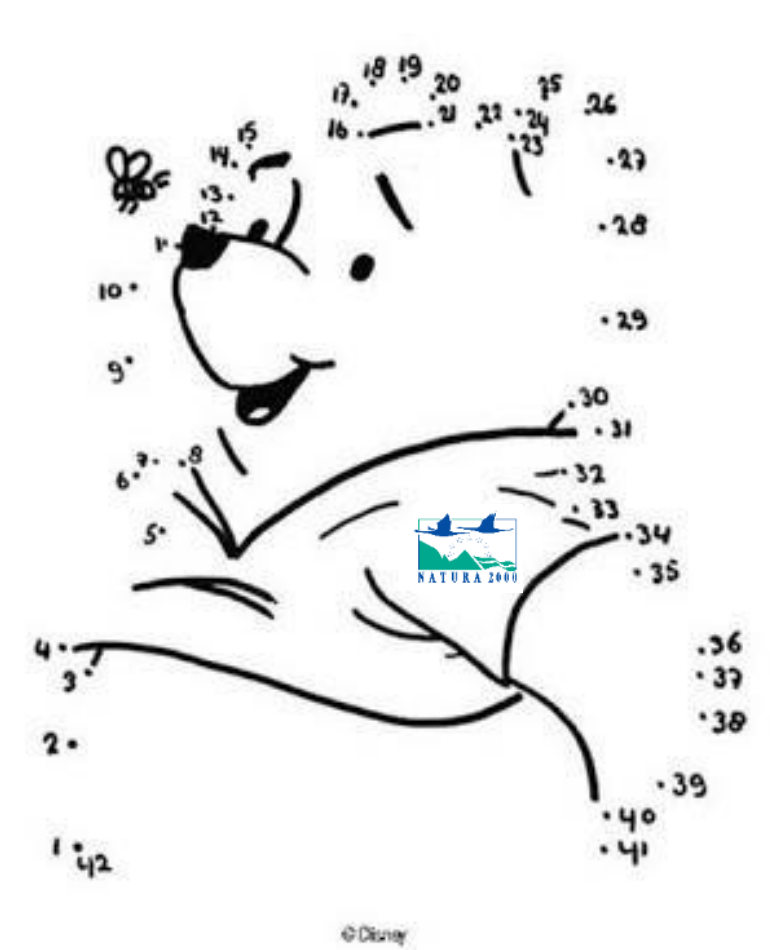
Biodiversity
WE ARE ALL IN THIS TOGETHER





Distribution of Natura 2000 sites across EU Member States

■ Natura 2000 sites





The Role of Protected Areas in the EU 2030 Biodiversity Strategy



A contribution to the Public Consultation of the future EU 2030 Biodiversity Strategy

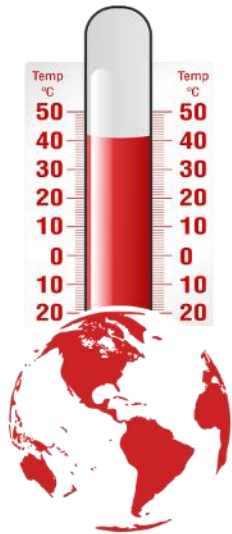
EUROPARC Federation
February 2020

Photo: Giancarlo Giudici, Parco Nazionale dello Stivrio (IT)

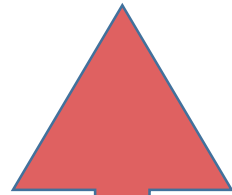


<https://www.europarc.org/wp-content/uploads/2020/01/The-EU-2030-Biodiversity-Strategy-and-Protected-Areas-EUROPARC.pdf>

1,5°C



4,3°C



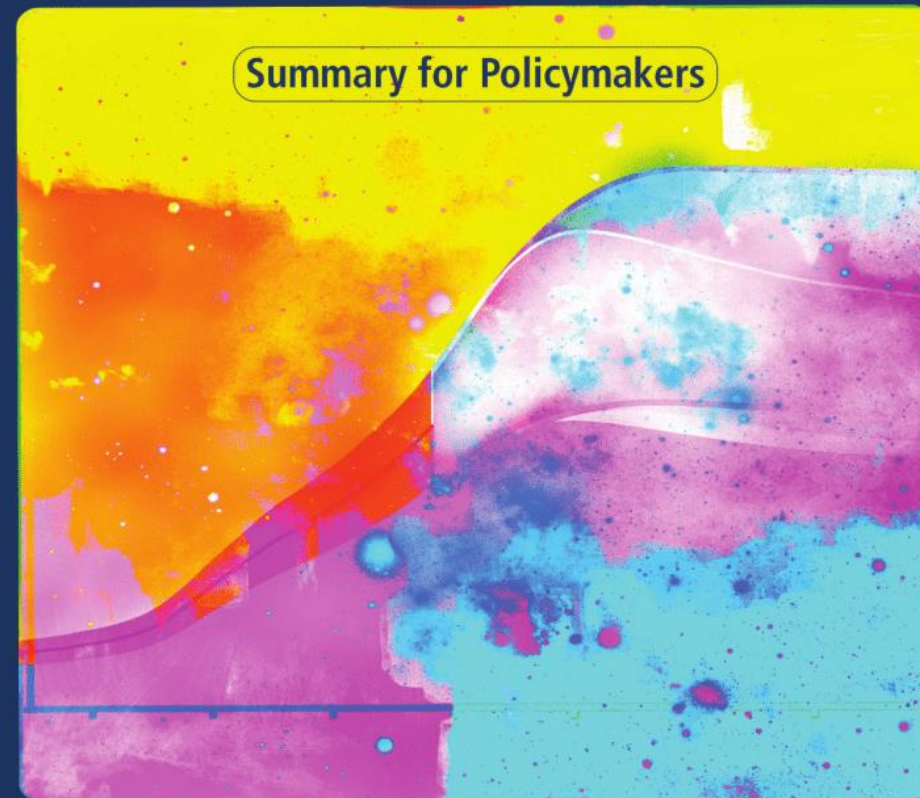
ipcc

INTERGOVERNMENTAL PANEL ON climate change

Global Warming of 1.5°C

An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty

Summary for Policymakers



WG I WG II WG III

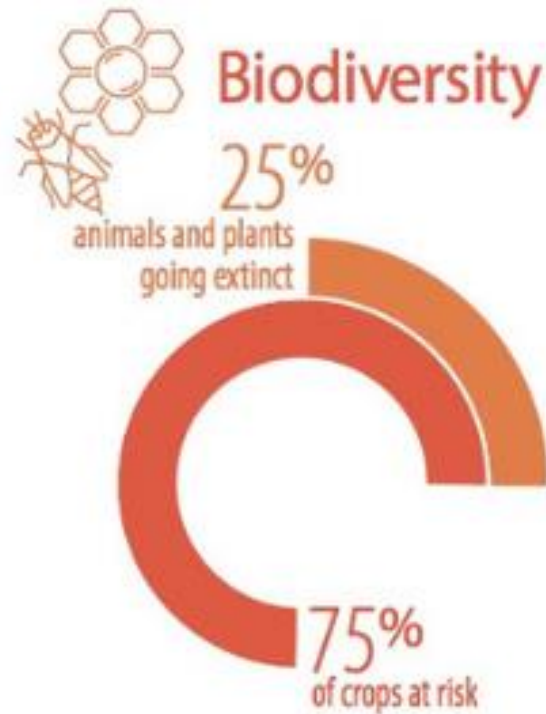


The Global Risks Report 2020

For the first time the Global
Risks Report is dominated by the
environment

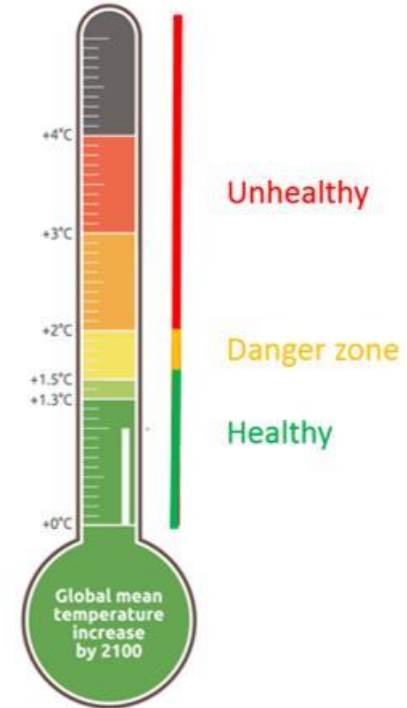
Insight Report | 15th Edition

In partnership with Marsh & McLennan and Zurich Insurance Group



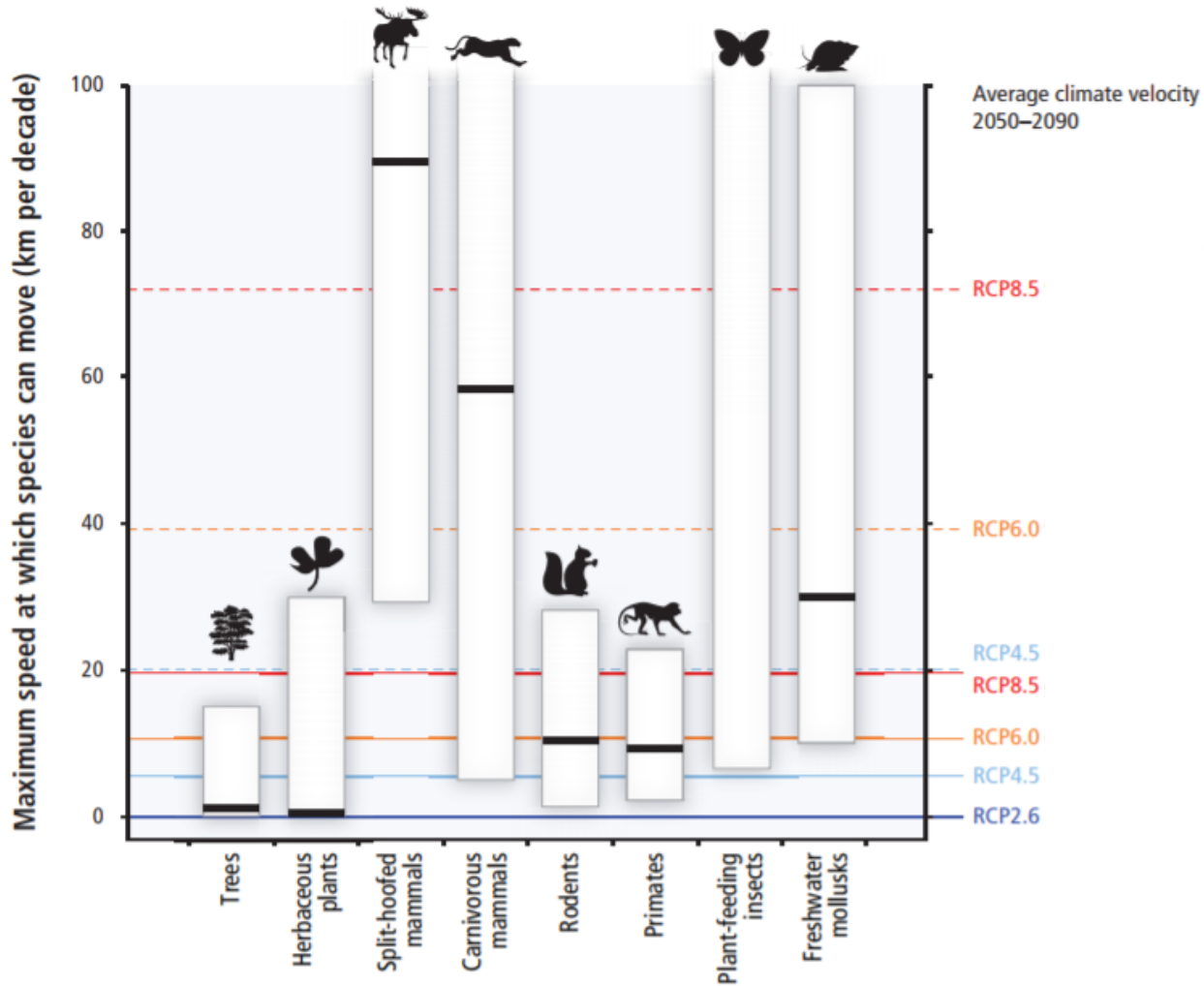
*25% of animals and plants are
threatened with extinction, and
75% of our crops are at risk due
to loss of pollinators.*

**WE ARE LOSING OUR
COMFORT ZONE**



Our body, our planet

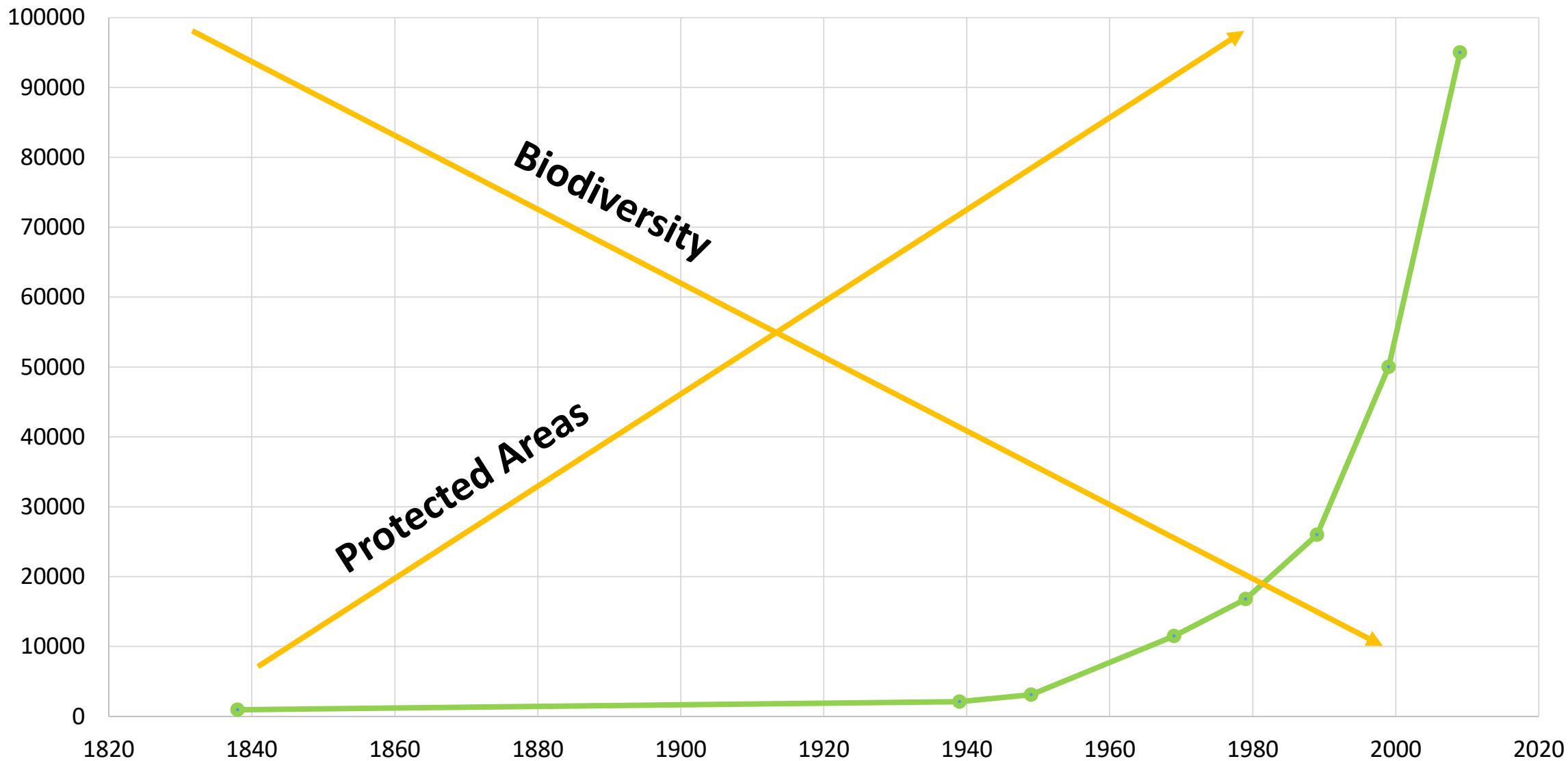
AVERAGE CLIMATE VELOCITY



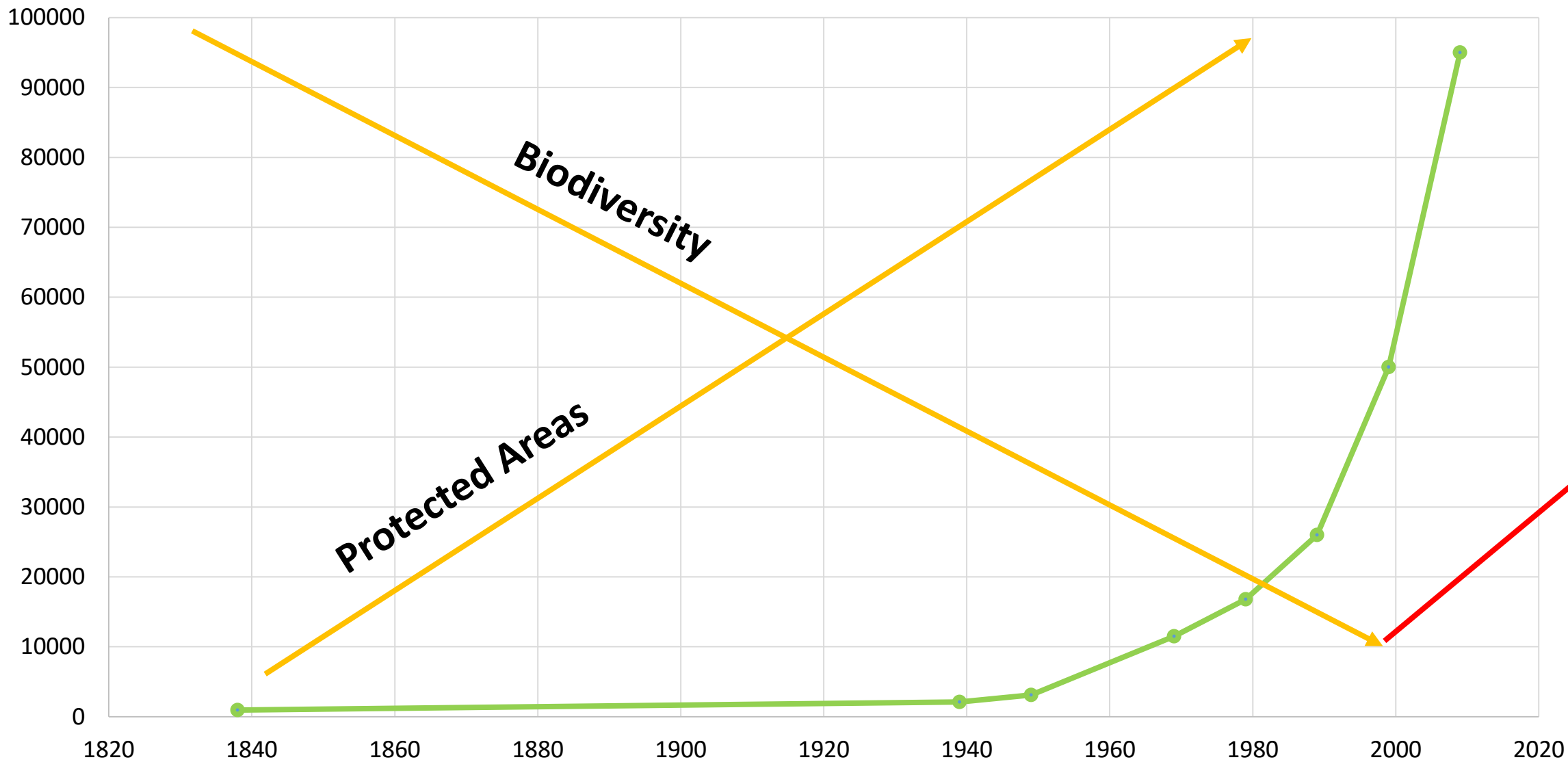
DRIVERS SPECIES LOSS

- Changes in land and sea use**
Humans have altered **75%** of land and **66%** of marine environments since pre-industrial times.
- Direct exploitation of organisms**
In 2015, a **third** of marine stocks were being fished at unsustainable levels.
- Climate change**
Global warming has already impacted almost **half** of threatened mammals and **one quarter** of birds.
- Pollution**
Marine plastic pollution has increased tenfold since 1980, with an average **300-400M** tons of waste dumped annually into the world's waters.
- Invasive alien species**
The numbers of invasive alien species per country have risen by about **70%** since 1970.

Designation Protected Area's Europe



Designation Protected Area's Europe





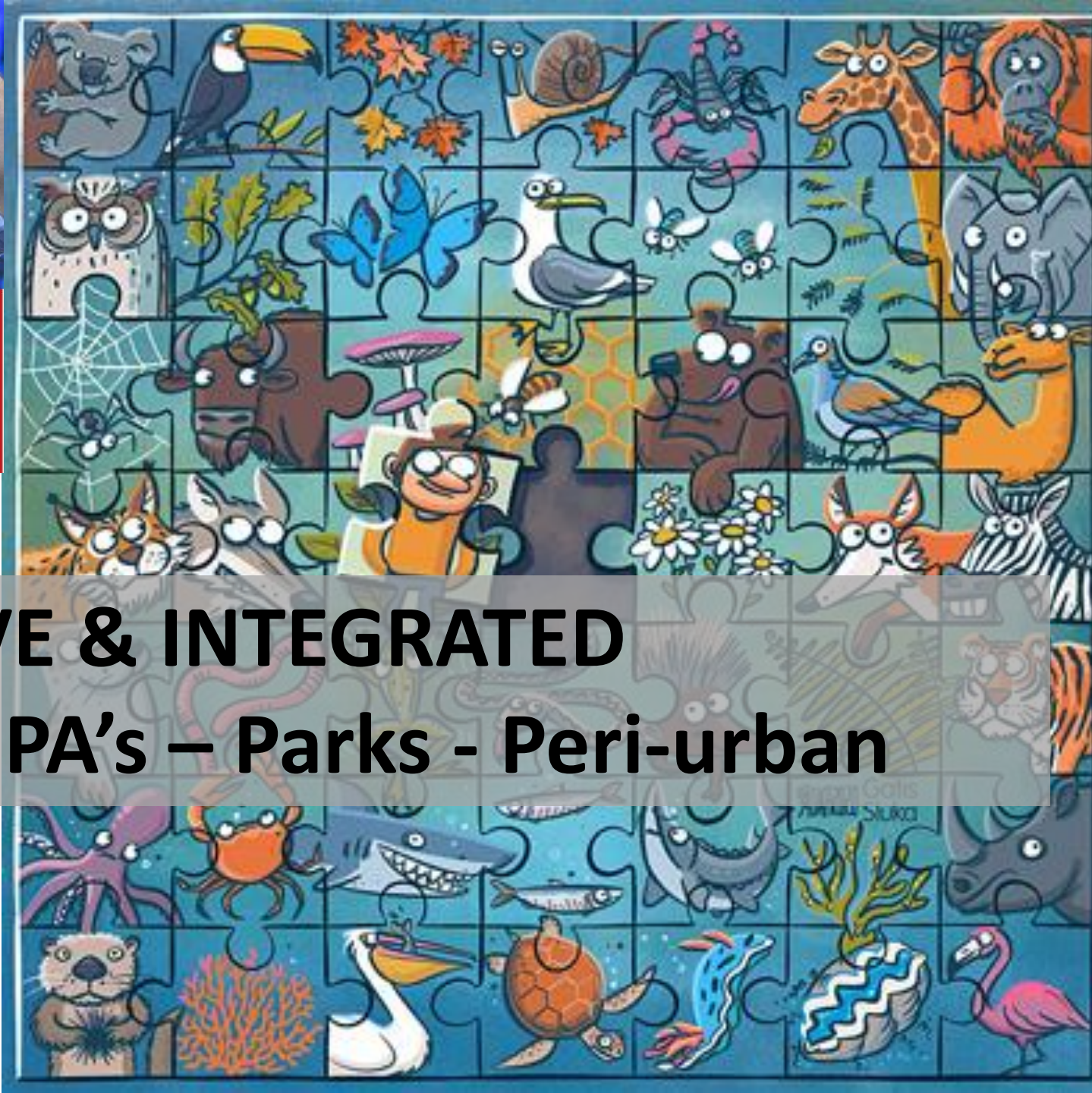
EU GREEN DEAL

-55% in 2030 – Climate neutral in 2050

Climate Law




Circular Economy - Biodiversity

Social just - Financial Bazooka



INCLUSIVE & INTEGRATED NATURA 2000 – PA's – Parks - Peri-urban

20 Pathways of Natural Climate Solutions

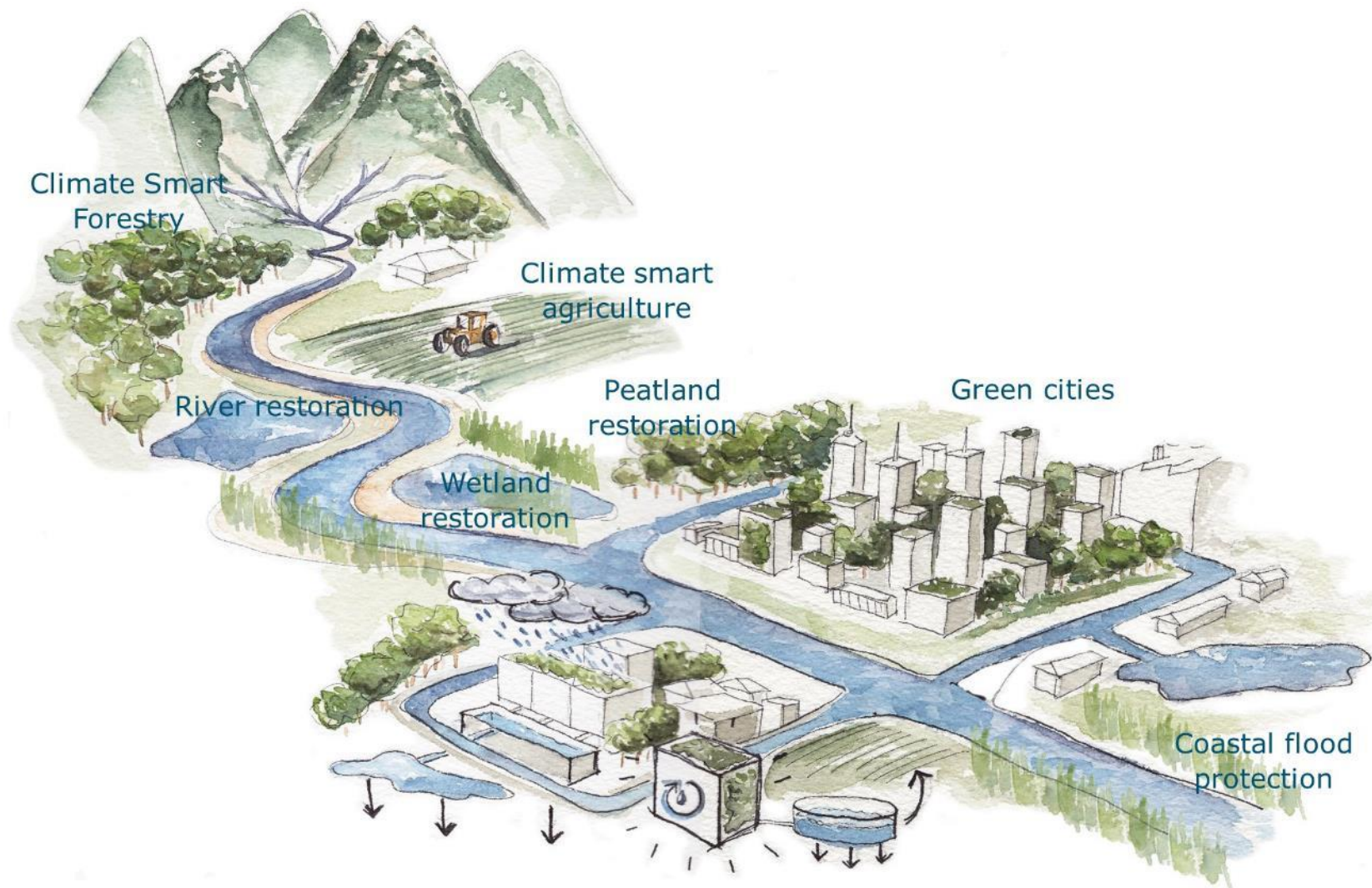
-  FORESTS
 - Reforestation
 - Avoided forest conversion
 - Natural forest management
 - Improved plantations
 - Avoided woodfuel
 - Fire management
-  AGRICULTURAL LANDS & GRASSLANDS
 - Biochar
 - Trees in cropland
 - Cropland nutrient management
 - Grazing - improved feed
 - Conservation agriculture
 - Improved rice cultivation
 - Grazing - animal management
 - Grazing - optimal intensity
 - Grazing - legumes
 - Avoided grassland conversion
-  WETLANDS
 - Coastal restoration
 - Peatland restoration
 - Avoided peatland impacts
 - Avoided coastal impacts

**NATURAL CLIMATE SOLUTIONS
CAN MAKE UP -37% OF
EMISSIONS REDUCTIONS NEEDED
TO STAY BELOW 2°C BY 2030**

PNAS

Proceedings of the
National Academy of Sciences
of the United States of America

Nature Based Climate Solutions





Manual 13

EUROPARC-ESPAÑA series of manuals
English Version

Protected Areas
in the Face of Global Change
**Climate Change Adaptation
in Planning and Management**



EUROPARC Webinar

Protected Areas in a Changing Climate:
Strengths, Weaknesses, Opportunities and Threats

28 April 2020
10:00 CET

europarc.org/europarc-webinars



Siggen Seminar

23-26 March 2020

Helping Protected Areas
adapt to climate change

*free participation for
EUROPARC members*

registrations at europarc.org/siggen-seminars

WIN-WIN-WIN
NATURAL HEALING CENTERS
CLIMATE ROBUST
ECOSYSTEM SERVICES



EUROPARC Toolkit

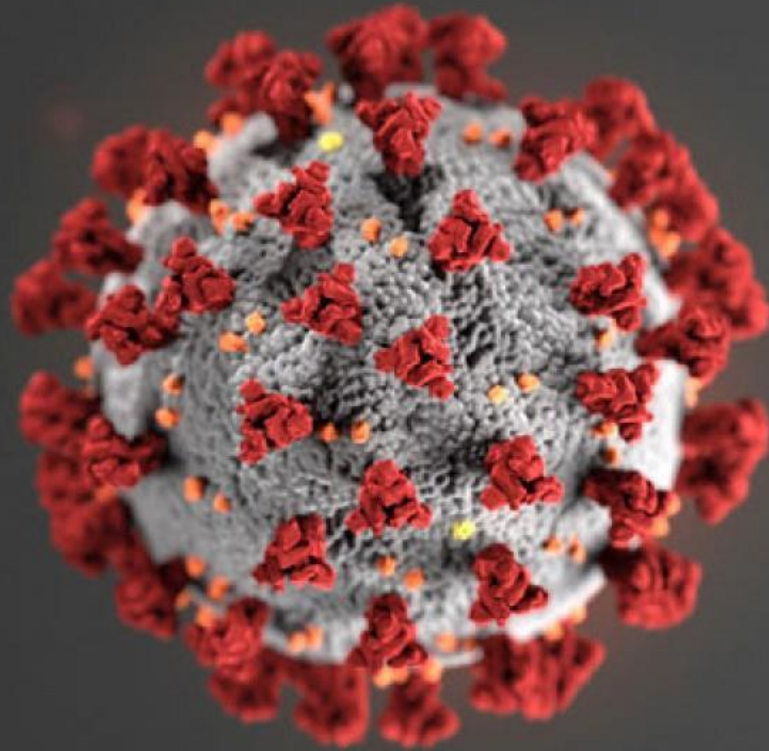
Health & Well-being benefits
from Parks & Protected Areas





**SCIENCE
IMPACT
EDUCATION
PROTECTION
RESTORATION
BEHAVIOUR**





PROTECT & RESTORE NATURE
TO PROTECT OURSELVES



PARTNERSHIP



NEW WAYS OF FINANCING NATURE & NETWORKS



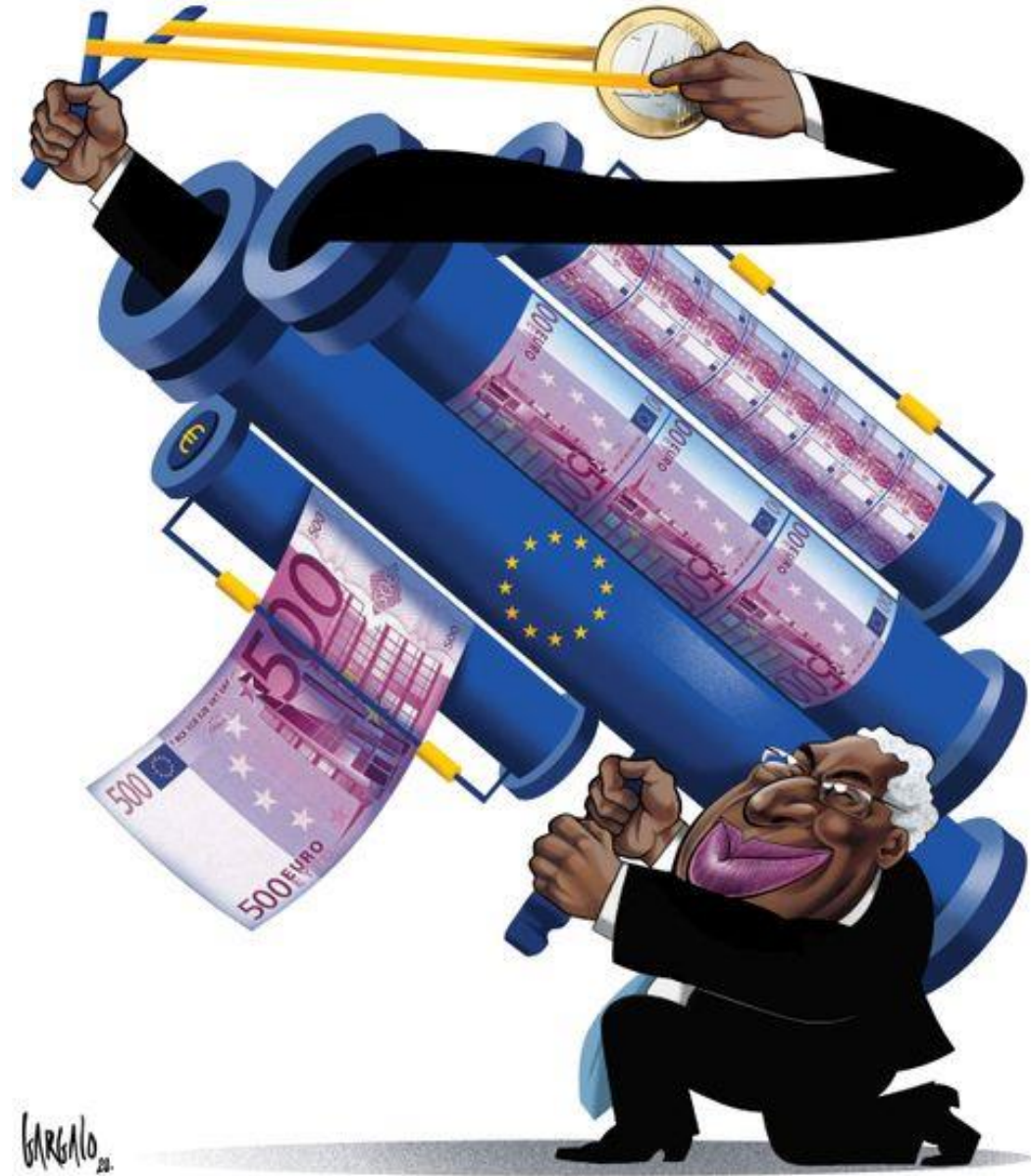


NATURA 2000 ACADEMY TRAINING CENTER

THE EU GREEN DEAL FINANCIAL BAZOOKA: TARGETS & IMPACT

THINKING OUT OF THE BOX

- CLIMATE LAW: NATURE BASED SOLUTIONS FINANCED
- POLLUTERS PAY SYSTEM IN CLIMATE LAW
- EUROPEAN BANK: BIODIVERSITY DEPOSIT
- CREATE NEW INCENTIVES
- PES-CLIMATE INCENTIVE
- ...





Next Generation EU

[#NextGenerationEU](#)

**THINK GLOBALLY
ACT LOCALLY
CHANGE PERSONALLY**

