



RAPTORS  
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# MOS 3

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Dubai | 3-6 July 2023

**Coming together for the  
conservation of birds of prey**



# CMS Energy Task Force

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Head Avian Species Team

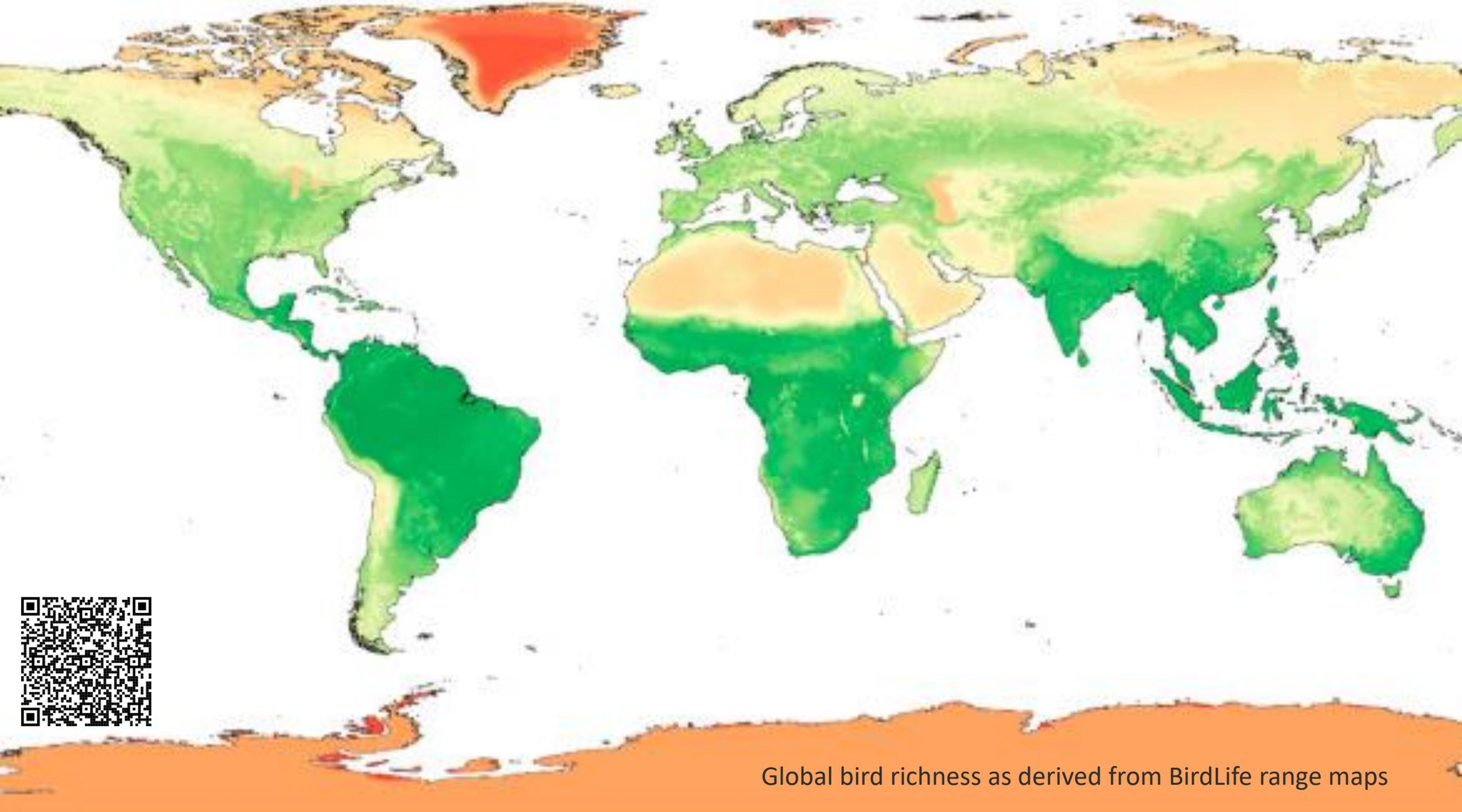
**CMS**



## CMS Mandate

- Resolution 10.11 (Rev.COP13), on *Power Lines and Migratory Birds*
- Resolution 11.27 (Rev.COP13), on *Renewable Energy and Migratory Species*
- Decisions 13.106 to 13.108, on *Support to the Energy Taskforce*





Global bird richness as derived from BirdLife range maps



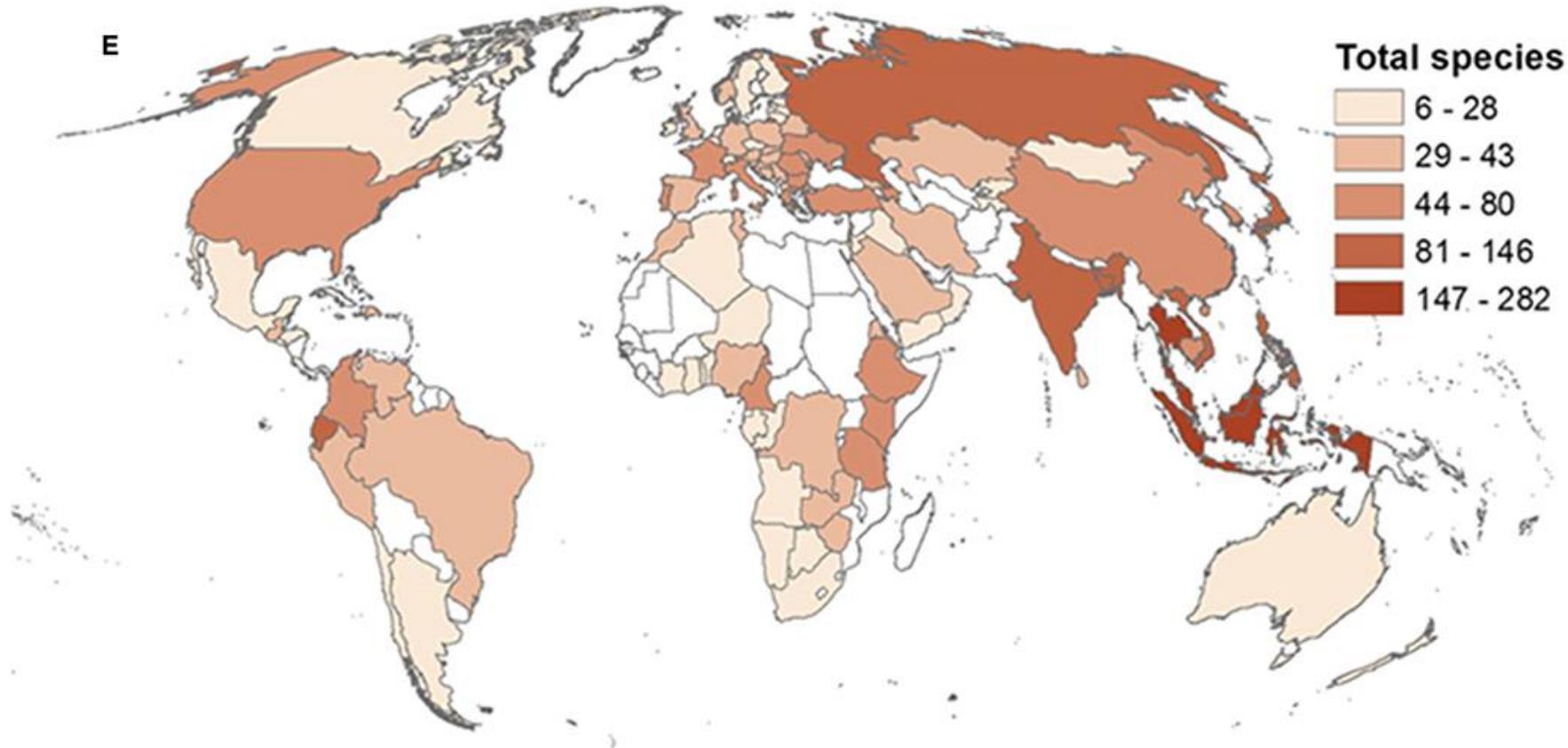
## Per country losses of natural areas



(development scenario in which wind and solar renewable energy is located where resources are the highest)

(Kiesecker, et al. J2019)

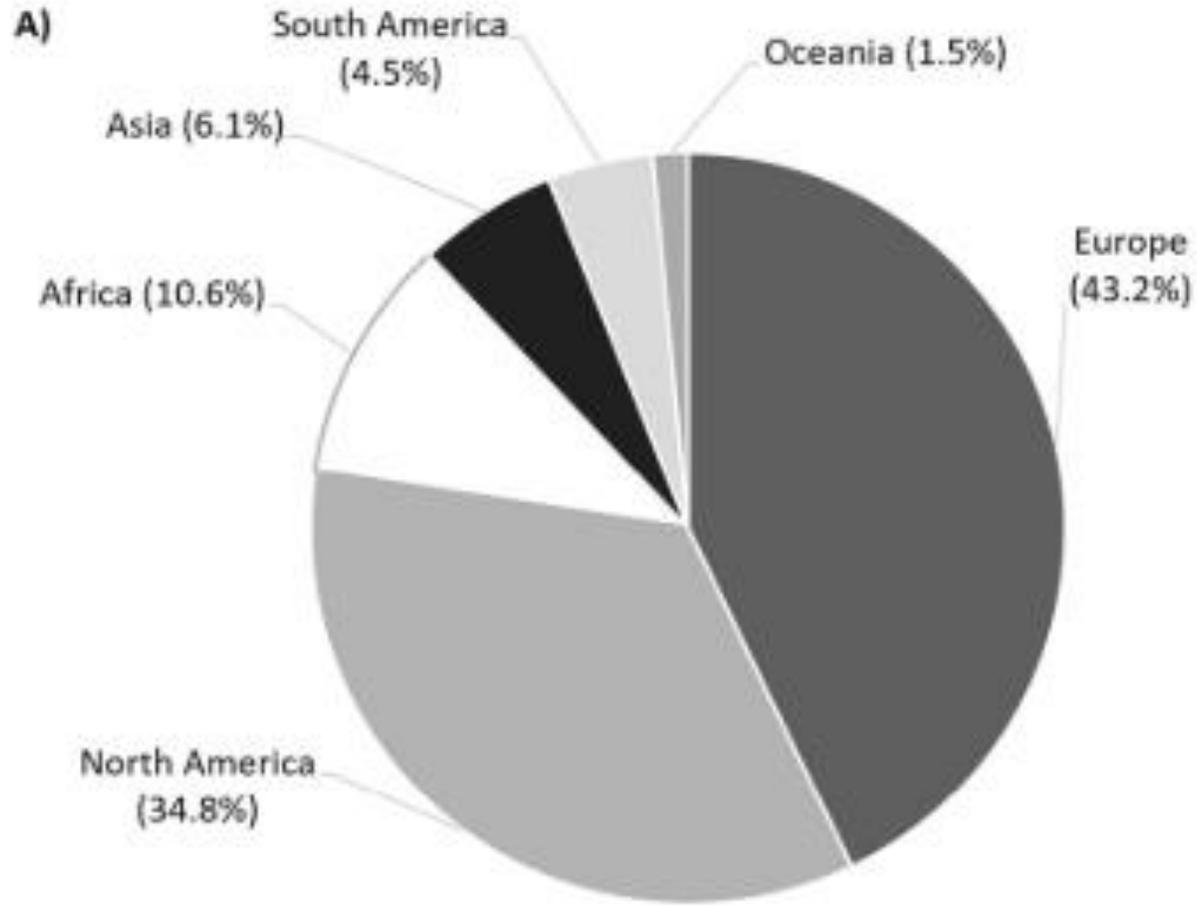




## Per country potential losses of threatened species

(development scenario in which wind and solar renewable energy is located where resources are the highest)





## Bird collisions & power lines: Global research gaps



# Observed impacts to migratory birds

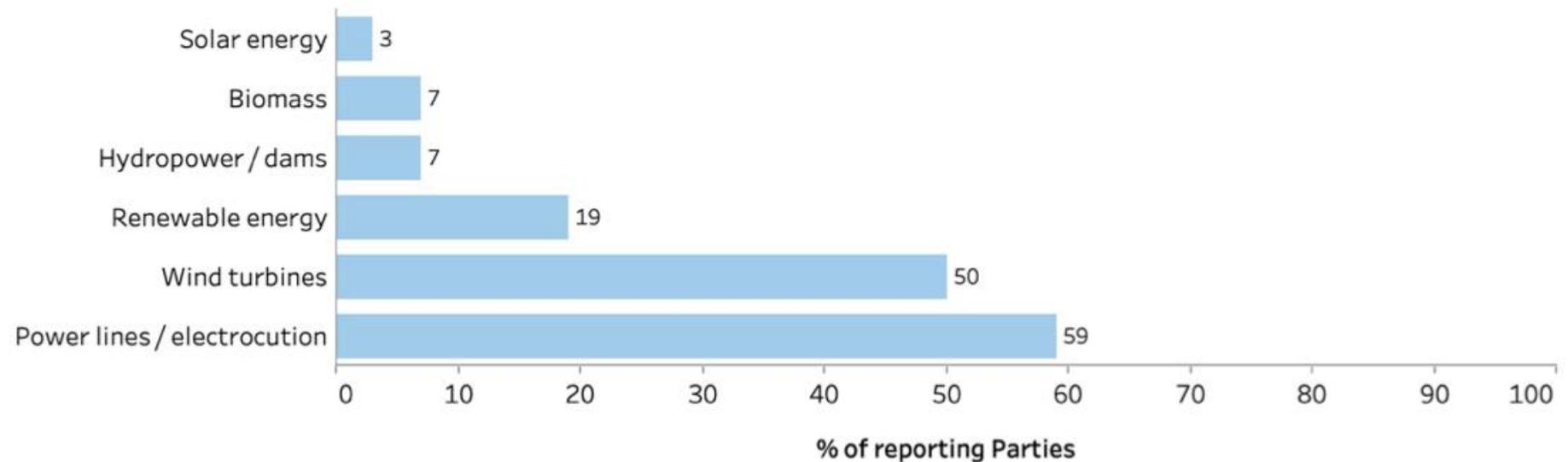
- Habitat loss and fragmentation
- Collision with power lines and wind turbines
- Electrocution
- Deviation of migratory routes
- Poor body condition
- Lower breeding success
- Increased mortality





# CMS Parties & Energy

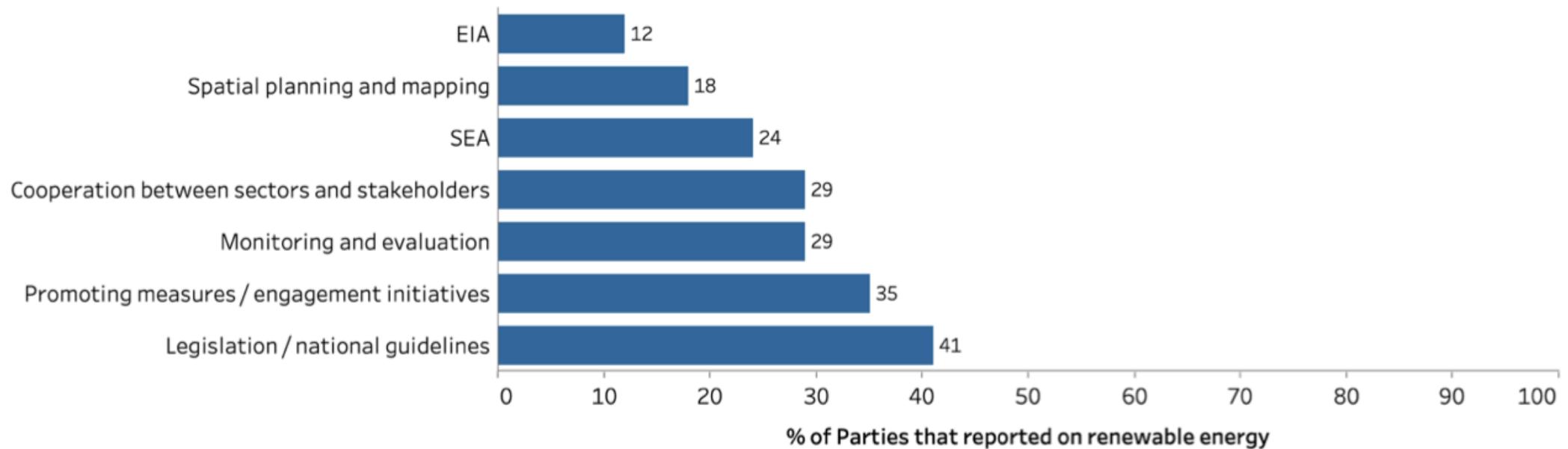
**Figure 4.** Percentage of Parties that specifically mentioned power lines/electrocution and/or renewable energy in the 2019 National Reports.





# CMS Parties are already acting

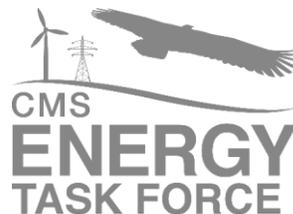
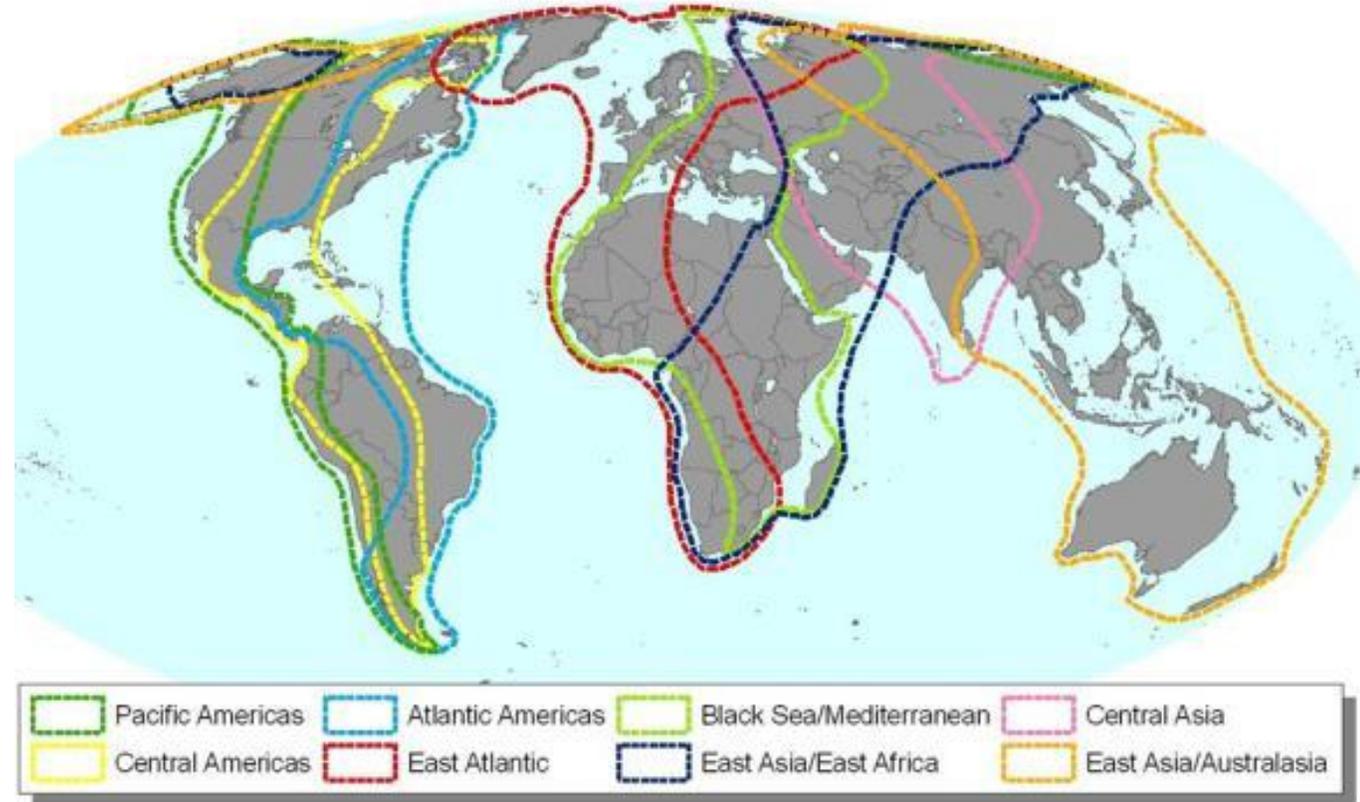
**Figure 6.** Reported measures taken by Parties to counter renewable energy-related pressures to migratory species in the 2019 National Reports.





# Putting flyways into context

- Migratory flyways are a perfect approach to transboundary cooperation, even more with energy-related issues
- Millions birds, dozens of globally threatened species and urgent need to share expertise, promote synergies and avoid duplication



# The Energy Task Force (ETF)

Mandate to **establish Energy Task Force (ETF)** in 2014 CMS Res 11.27 (Rev.COP12)

**Goal:** ensure that all energy sector developments are undertaken in such a way that negative impacts on migratory species are avoided

**Role:** to facilitate involvement of all relevant stakeholders in the process of reconciling energy sector development with the conservation of migratory species



# Membership structure

- Currently 37 members and 22 observers
  - National governments (environment and energy departments)
  - Bilateral and multilateral organisations
  - NGOs
  - Academia
  - Secretariats of MEAs
  - International financial institutions
  - Industry
  - Corporates

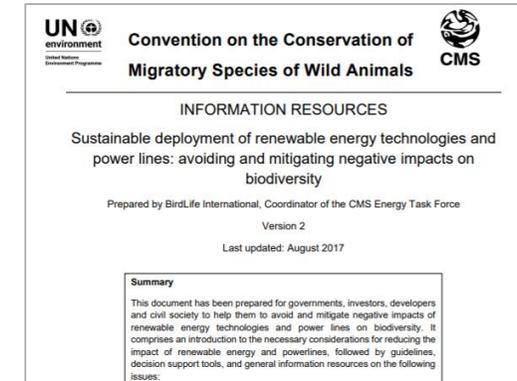


# Examples of ETF work



## Guidelines and research

- Handbook for Post-construction Fatality Monitoring (PCFM) in mid July
- Renewable energy technologies and migratory species: Guidelines for sustainable deployment
- Bird tracking to understand species interactions with renewables
- Guidelines for preventing and mitigating wildlife mortality associated with electricity distribution networks



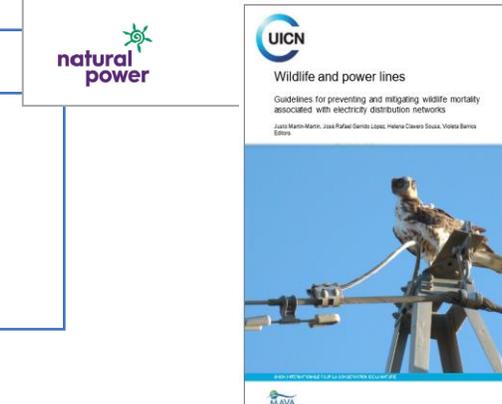
## Information and Knowledge exchange

- Information package on the sustainable deployment of renewable energy technologies and power lines
- Case studies and best practice guides
- Identifying gaps and technical needs



## Strengthening networks

- Expanding regional engagement
- Capacity building through webinars on key topics and region-focused
- Connections across other MEA Working Groups



# AVISTEP

The Avian Sensitivity Tool for Energy Planning

[Get Started](#)

[Learn More](#)



Select a Supported Country

India



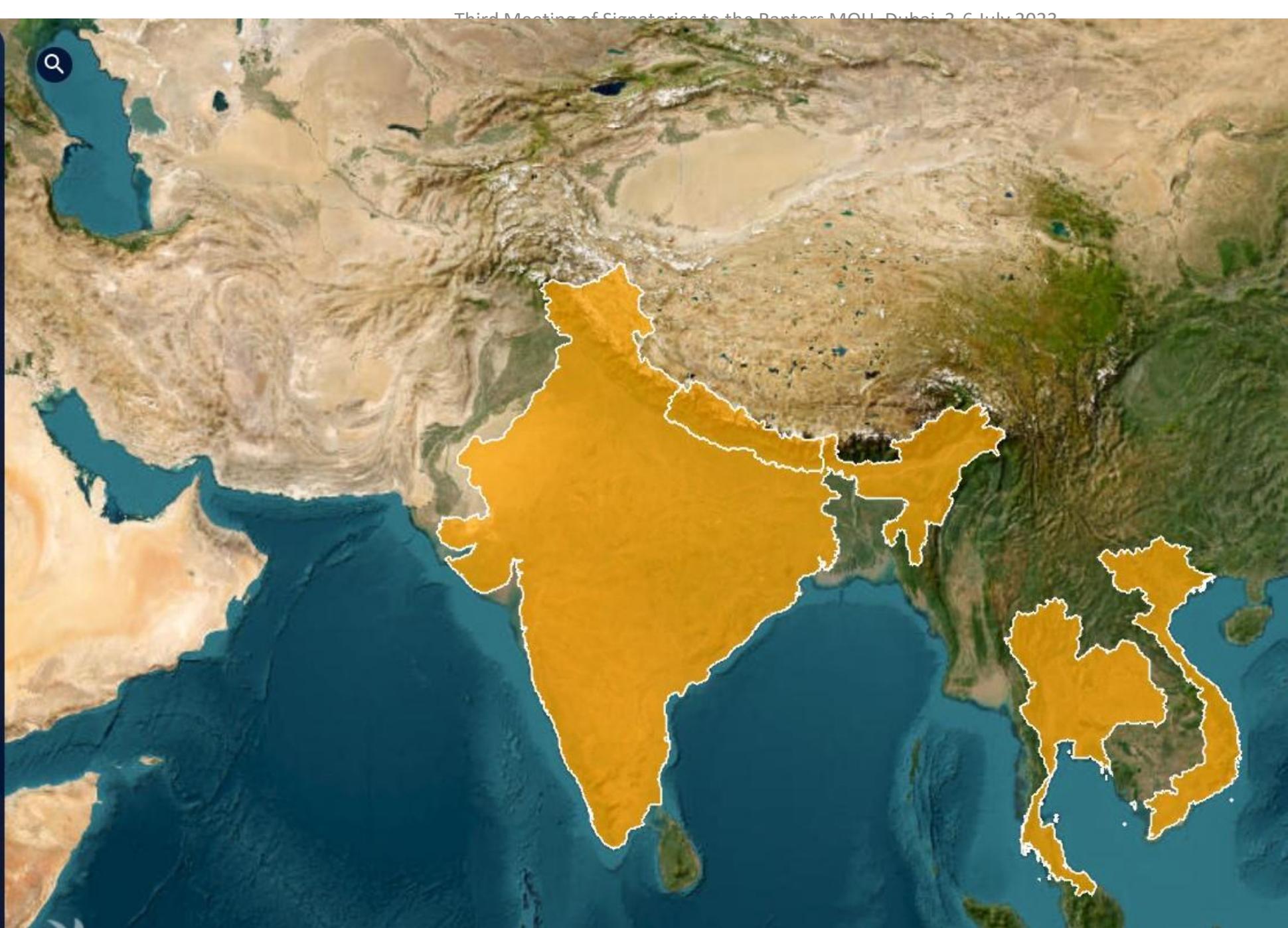
Nepal



Thailand



Vietnam



## Next planned steps

- Joint programme of work with UNFCCC
- UNFCCC COP28 and CMS COP14 events
- ETF6 meeting, ideally in person, where we aim to approve strategic documents on
  - Geographical expansion
  - Engagement with IFIs
  - Communication strategy
- Further research impacts of solar and Photovoltaic developments

# More information?

<https://www.cms.int/en/taskforce/energy-task-force>

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# Thank you



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