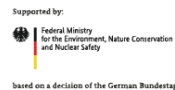
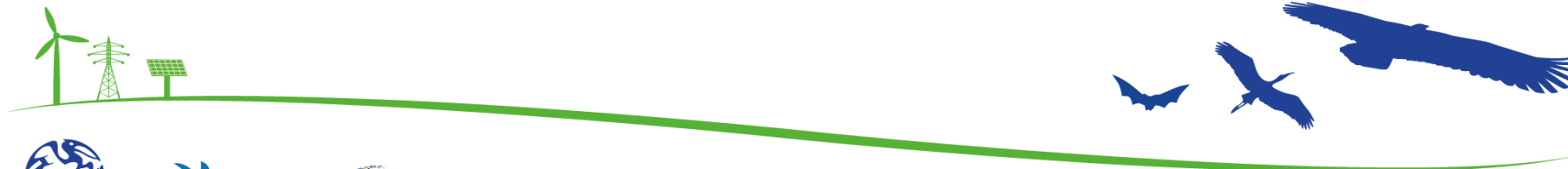
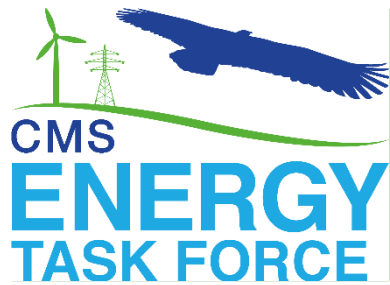


FIFTH MEETING OF THE CMS ENERGY TASK FORCE

DAY 2 – 01 DECEMBER

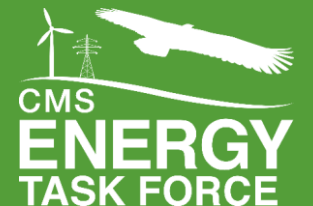


Convention on Migratory Species

6. WELCOME TO DAY 2 AND RECAP OF DAY 1



Mr. Michel Perret, Ministère de la Transition Écologique et Solidaire, ETF Chair



DAY 1, SESSION 4: GREEN RECOVERY

'In your groups, identify up to 3 key interventions (solutions) that the ETF could focus on to support and influence a nature-sensitive and renewable energy led green recovery'

1. Explore how the ETF can develop best practice examples or case studies on Green Recovery successes
 - Build on existing case study work
 - Need to be understand/digestible examples
2. Map what resources and materials are available to ETF members/observers on Green Recovery and collate these
3. Ensure engagement with industry and investors

DAY 1, SESSION 5: ETF WORKPLAN 2018-2020

'In your group, list up to 5 things that have worked well in this phase of the ETF workplan (2018-2020)'

1. Capacity to bring people together in spirit of international collaboration
2. Highlighting and sharing best practices of successes and learning from other members
3. Have reached critical mass – Task Force is now a familiar face and can really start driving change

'In your group, list up to 5 things that you would like to improve on/expand in the next phase of the ETF and its workplan (post-2020)'

1. Better engagement with industry (major gap)
2. Research hub or centralised database for ETF
3. Greater involvement of governments
 - How can we communicate with those outside of the ETF, especially with countries taking part to CMS
 - How can we engage energy ministries
 - How can we engage other regions with serious biodiversity-renewable energy issues
4. Scope for increase the compilation and dissemination of material for taxonomic groups other than birds, e.g. bats ; or for other sectors (solar for example)

DETAILED AGENDA: DAY 2

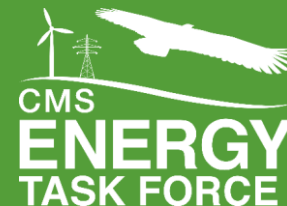
Time (GMT)	Session and Aim(s)	Session Document(s)	Session Facilitator(s)/Presenter(s)	Session Structure/Format
11:00-11:15	6. Recap on Day 1 Review Day 1 activities and outcomes and launch Day 2.	-	1. Chair (Mr. Michel Perret)	<ul style="list-style-type: none"> Chair to introduce Day 2 and welcome new Day 2 attendees. Chair to review outcomes of Day 1. Chair to present the agenda for Day 2.
11:15-12:45	7. Post-2020 Workplan Introduce the new post-2020 work plan and build on ETF4 outputs to identify key work areas and working groups for ETF members/observers going forward.	ETF5/Doc.4	1. Chair (Mr. Michel Perret) 2. <i>Facilitator:</i> BirdLife (Dr. Ashton Berry/Mr. Harvey Rich) 3. <i>Group facilitators x4:</i> BirdLife (Dr. Ashton Berry, Mr. Tris Allinson, Mr. Harvey Rich), CMS (Mr. Marco Barbieri)	Chair to introduce agenda item and speakers. Presentation by BirdLife on post-2020 workplan: <ul style="list-style-type: none"> Introduction. Break out groups. BREAK <ul style="list-style-type: none"> Feedback from breakout groups and plenary discussion.
12:45-13:15	Identify potential ETF funding opportunities.	-	1. BirdLife International (Dr. Ashton Berry) 2. CMS (Ms. Laura Cerasi)	<ul style="list-style-type: none"> BirdLife and CMS to present on ETF fundraising. Discussion with members and observers.
BREAK/LUNCH				
14:00-14:30	8. Renewable Energy Guideline Updates Provide an update for the ETF network on new global renewable energy guidelines and standards.	ETF5/Inf.6	1. Chair (Mr. Michel Perret) 2. IUCN (Ms. Giulia Carbone), The Biodiversity Consultancy (Mr. Jan-Willem van Bochove)	Chair to introduce agenda item and 1 st presentation speakers: <ul style="list-style-type: none"> IUCN and TBC to present on new wind and solar guidelines with Q&A.
14:30-15:30		ETF5/Inf.7	1. Chair (Mr. Michel Perret) 2. IFC (Ms. Lori Anna Conzo), EBRD (Mr. Robert Adamczyk), WEST (Dr. Paul Rabie), Natural Power (Mr. David Tidhar)	Chair to introduce 2 nd presentation speakers: <ul style="list-style-type: none"> BirdLife to present ETF requirements for review of good practice handbook as part of its role on the Stakeholder Advisory Committee. IFC, EBRD, West and Natural Power to present updates on good practice handbook with Q&A (IFC to facilitate session).
15:30-15:45	9. Recap and Discussion: ETF5 Meeting Review and close meeting.	-	1. Chair (Mr. Michel Perret)	<ul style="list-style-type: none"> Chair to review outcomes of Day 1 and Day 2, highlight key messages, action points and future plans.
15:45-16:00	10. Election of ETF Chair and Vice Chair Chair and Vice-Chair elected by members.	-	1. BirdLife International (Dr. Ashton Berry) 2. CMS (Mr. Marco Barbieri)	<ul style="list-style-type: none"> BirdLife and CMS to facilitate the election of the Chair and Vice-Chair by members.

7. POST-2020 WORKPLAN

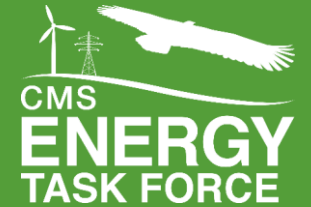


Dr. Ashton Berry, Global Climate Change Programme Coordinator, BirdLife International

Mr. Harvey Rich, Global Policy Officer, BirdLife International



ETF4 WORKING GROUPS OVERVIEW AND RECAP



1) Biodiversity, standardizations of monitoring protocols, data sharing, permits & licensing



Vision: Role in facilitating development of global standards for monitoring, data sharing, financing and licensing

Key items: Spatial considerations, disclosure of information (T&Cs), post-construction monitoring database

2) Long-term strategic environmental planning & assessments



Vision: Role in facilitating the development of appropriate legislation, policies and plans

Key items: Legal frameworks, tools, pre-planning and proactive approach

3) Research & cumulative impacts, development of tools & solutions



Vision: Role ETF could have in bringing access to scientific knowledge & dissemination

Key items: lack of data and knowledge gaps. Key knowledge gaps on solar (e.g. desert regions) and powerlines (e.g. species vulnerability)

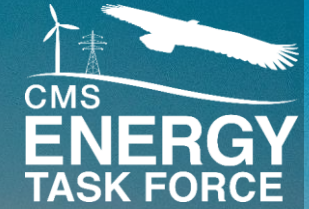
4) Sharing knowledge & experience & communication strategies



Vision: Role the ETF could have on increasing awareness, knowledge and action

Key items: awareness meetings, field trips, webinars, targeted groups

DRAFT POST-2020 WORK PLAN RECAP



Theme 1: Promote implementation of relevant guidelines adopted in the frameworks of the participating MEAs

- **Expected Result:** Guidelines are integrated into decision-making



Theme 2: Promote mainstreaming migratory species conservation into corporate and financial decision-making

- **Expected Result:** Appropriate safeguards are integrated into corporate and financial decision-making



Theme 3: Priority setting

- **Expected Result:** Workplan reflects priorities



Theme 4: Mobilising resources

- **Expected Result:** Priority activities identified and funded



Theme 5: Monitoring implementation and impediments to implementation

- **Expected Result:** Report on status of implementation; impediments to implementation and potential solutions identified



Theme 6: Stimulating communication and information exchange

- **Expected Result:** Task force members collaborate and share information



Theme 7: Strengthening regional and international networks

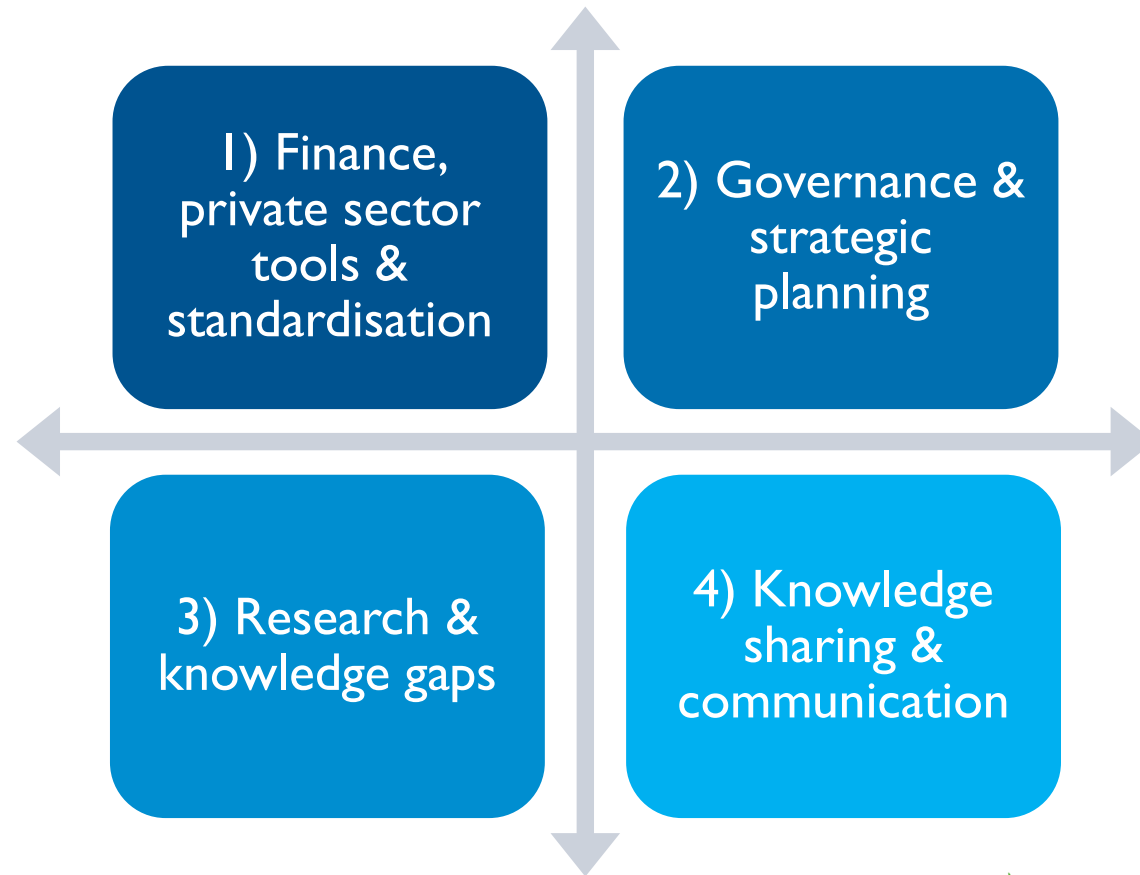
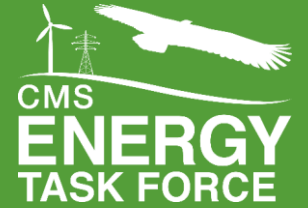
- **Expected Result:** Strong regional and international networks



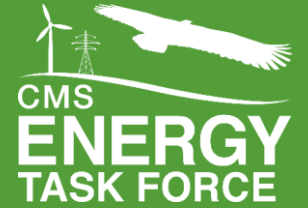
Theme 8: Stimulating research

- **Expected Result:** Significantly increase the evidence base on which to make planning and mitigation decisions

BREAK OUT SESSION TOPICS



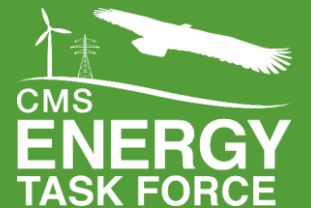
BREAK OUT GROUP ACTIVITY – 35 MINUTES




1. *‘In your group, highlight up to 3 major gaps that exist in this area relevant to the work of the ETF’*
2. *‘In your group, identify up to 3 realistic interventions (solutions) that could be directed/achieved under the work of the ETF (and if they are funded)’*
3. *‘In your group, identify and highlight potential working group(s) to continue this work going forward’*



BREAK (5 MINUTES)



FUNDRAISING DISCUSSION



Supporting a nature-sensitive rapid transition to renewable energy

The challenge: the urgent need for a renewable energy transition

Renewable energy is an essential part of addressing climate change - one of the greatest threats to people and biodiversity. Meeting global energy demand, set to increase by 30% by 2040, while achieving the goals of the Paris Agreement to keep global temperature rise well below 2°C, requires an urgent transition to low-carbon economies. However, renewable energy infrastructure can have critically adverse impacts on species and ecosystems if placed in wildlife sensitive areas. Birds and bats die from collisions and electrocutions with wind turbines and powerlines. Annually, hundreds of thousands of collisions occur in countries across the African-Eurasian region alone. Poorly sited infrastructure can also lead to significant financial and legislative challenges, including retrofitting costs, fines and lawsuits. In addition, renewable energy infrastructure sited in carbon rich ecosystems can release significant amounts of stored carbon into the atmosphere.

The consideration of biodiversity in development planning is particularly vital over the next five years, as renewable energy capacity is forecast to expand by 50% between 2019 and 2024. Countries will revise their Nationally Determined Contributions (NDCs) in 2025. Immediate engagement with Parties to the Paris Agreement is therefore essential to ensure climate action strategies employ nature-sensitive renewable energy.

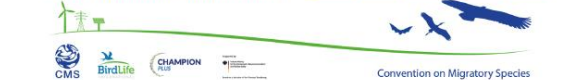

The CMS Energy Task Force: a platform for smart policies and technical guidance

The Convention on Migratory Species (CMS) Energy Task Force (ETF) was established in 2016 to work towards reconciling renewable energy development with the conservation of migratory species. The ETF provides a forum for developing and disseminating best practice policy and technical guidance, and engagement of relevant stakeholders, including governments, investors, scientists, the private sector and civil society, and multilateral actors. BirdLife International, the world's largest nature conservation partnership, coordinates the ETF on behalf of the CMS Secretariat.

Spearheading the solution: at national and global levels

The ETF facilitates the use of best practices via the promotion of science-based responsible and innovative renewable energy solutions. The ETF is uniquely placed to spearhead national and global action and deliver crucial solutions on reconciling renewable energy and biodiversity, by:

- Being the go-to for member governments on expertise for reconciling renewable energy with migratory species (e.g. through soaring bird sensitivity mapping), and in building capacity and expertise on mainstreaming nature-sensitive renewable energy;
- Contributing towards achieving the United Nations (UN) Sustainable Development Goals, the objectives of the UN Framework Convention on Climate Change and the Convention on Biological Diversity;



- Filling knowledge gaps through research and collaboration, and the provision of scientific advice to other leading knowledge hubs, such as the IUCN, and
- Being the preferred source of scientific advice, tools, data and information on migratory species for major finance institutions such as the International Finance Corporation and European Bank for Reconstruction and Development.

The first phase of the ETF, with the generous financial support from the German government, has laid the foundation for shifting renewable energy investments to minimize negative impacts on migratory species. Its Accomplishments include:

- A global assessment of predicted impacts of large-scale renewable energy on birds and mammals (BTO);
- Identification of **research priorities** and development of a research database (BirdLife International);
- **Analysis of progress of CMS Parties** in reconciling energy development with the conservation of migratory species;
- An **information package** on the sustainable deployment of renewable energy technologies and power lines;
- Concept on spatial mapping tools to assess potential risks, and guidance to governments for meeting commitments under the Paris Agreement with minimal impact on biodiversity;
- Development of sensitivity mapping in Africa and Japan; proposals for East Asia and India (BirdLife);
- Case studies on power line and wind energy developments integrating biodiversity considerations;
- International benchmark multi-stakeholder events on mainstreaming biodiversity in the energy sector;
- Policy inputs to meetings of the CMS Conference of the Parties, including towards establishing the ETF as a mechanism for reporting on NDCs and integrating SEAs and species sensitivity mapping into the climate targets' decision-making processes;
- Development of the global industry standard handbook for post-construction monitoring of wind-farms;
- Concepts on standardisation of collision mortality data for birds and bats;
- Establishment of a business pool of relevant companies and service providers;

Priority action is needed now

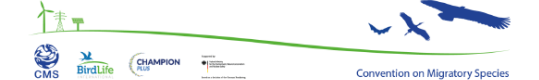
With U.S. \$650 billion of planned annual investments for renewable energy deployment over the next few years and into the next decades, investment in the right technologies is needed now. Multi-year funding is required to support the ETF to deliver on its future work, which will focus on:

- Leading the development and global uptake of guidance for the sustainable deployment and retrofitting of renewable energy infrastructure and best practice tools such as sensitivity mapping;
- Supporting continued research and monitoring of multi-level impacts of renewable energy infrastructure on migratory species.

Proposed four-year annual budget (2021-2024)

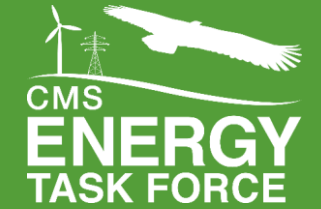
Item Description	Total Annual Budget (€)
Coordination and technical support	105,000
Communication, events, outreach activities and materials	30,000
Government engagement workshops (regional)	80,000
Small grants to ETF members to carry out activities nationally	35,000
Total (inclusive of overheads)	250,000

Contacts for more information
CMS (Bonn Convention) – A multilateral environmental treaty of the UN providing a global platform for the conservation and management of migratory animals and their habitats through cooperation on policies, agreements and action plans.
Dr Tilman Schneider | UNEP/CMS Secretariat | Platz der Vereinten Nationen 1, 53113 Bonn, Germany | tilman.schneider@un.org
BirdLife International – The world's largest nature conservation partnership, uniquely placed to engage with and mobilise society globally on the topic of conserving migratory species across the renewable energy sector.
Dr Ashton Berry | BirdLife International | The David Attenborough Building, Cambridge, CB2 3QZ, UK | ashton.berry@birdlife.org
<https://www.cms.int/en/taskforce/energy-task-force>



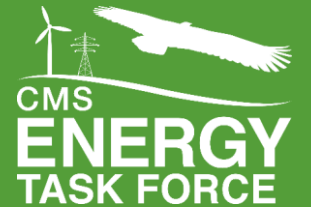
Dr. Ashton Berry, Global Climate Change Programme Coordinator, BirdLife International

Ms. Laura Cerasi, Fundraising and Partnerships Officer, CMS





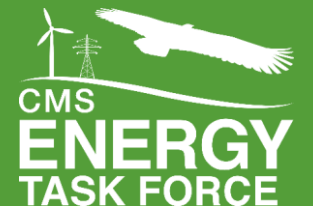
BREAK (1 HOUR)


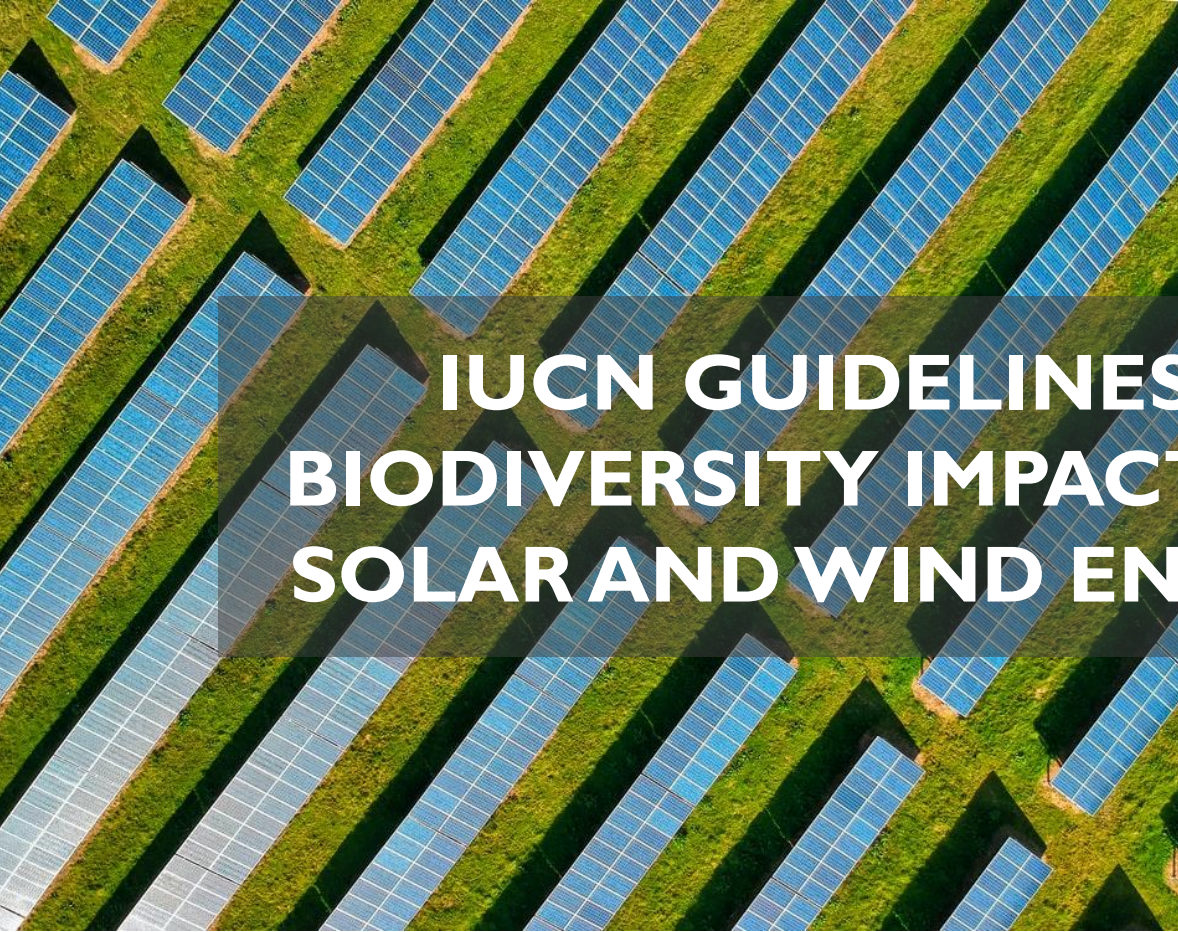




8. RENEWABLE ENERGY GUIDELINE UPDATES

Mr. Michel Perret, Ministère de la Transition Écologique et Solidaire

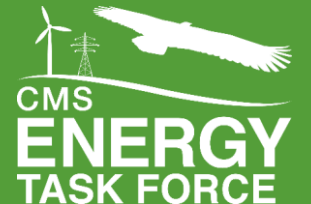




IUCN GUIDELINES FOR MITIGATING BIODIVERSITY IMPACTS ASSOCIATED WITH SOLAR AND WIND ENERGY DEVELOPMENT

Ms. Giulia Carbone, Deputy Director, Global Business and Biodiversity Programme, IUCN

Mr. Jan-Willem van Bochove, Senior Principal Consultant, The Biodiversity Consultancy





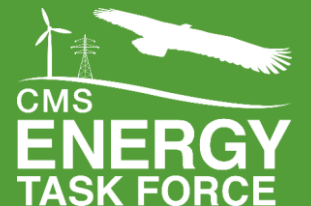
GOOD PRACTICE HANDBOOK ON THE DESIGN OF POST-CONSTRUCTION MONITORING OF BIRD AND BAT FATALITIES AT ONSHORE WIND ENERGY FACILITIES

Ms. Lori Anna Conzo, Senior Environmental Specialist and Global Biodiversity Lead, International Finance Corporation (IFC)

Mr. Robert Adamczyk, Sector Lead Power and Heavy Industry, Senior Environmental Advisor, European Bank of Reconstruction and Development (EBRD)

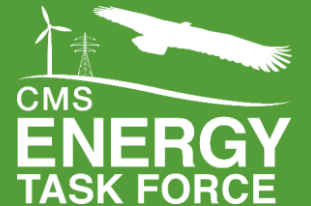
**Dr. Paul Rabie, Research Biometrician,
Western EcoSystems Technology, Inc.**

**Mr. David Tidhar, Head of Emerging Markets,
Natural Power**



9. RECAP AND DISCUSSION

Mr. Michel Perret, Ministère de la Transition Écologique et Solidaire, ETF Chair





WEBINAR
2 December 2020

**Renewable
energy
with nature
at its core:
The Energy
Task Force**

REMINDER



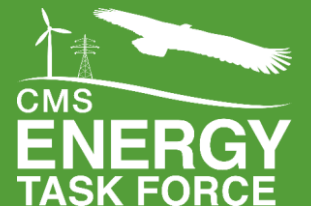
ANY QUESTIONS?

10. ELECTION OF ETF CHAIR AND VICE CHAIR



Dr. Ashton Berry, Global Climate Change Programme Coordinator, BirdLife International

Mr. Marco Barbieri, Scientific Adviser, CMS





THANK YOU

