

## REPORT ON THE IMPLEMENTATION REVIEW OF THE ETF WORKPLAN 2018-2020

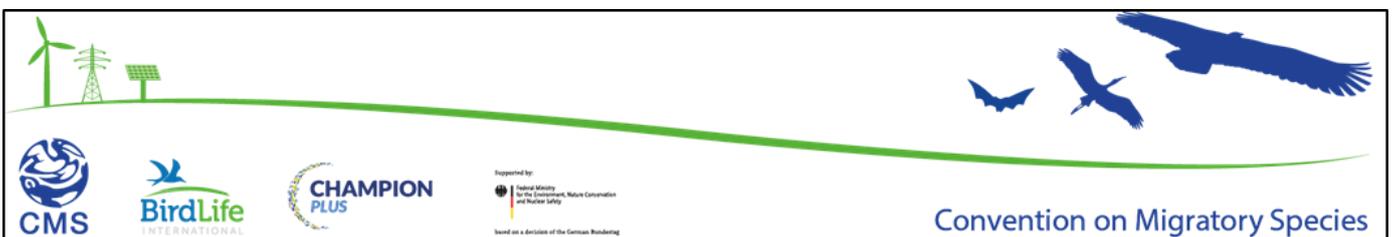


The Government of the Federal Republic of Germany, through the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) were recognized as Champion Plus for their generous support and commitment towards Reconciling Energy Sector Developments with Migratory Species Conservation for the period 2018-2020. The Energy Task Force has been funded with the contribution granted by Germany under the Migratory Species Champion Programme.

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1. The CMS Energy Task Force has come to the end of its existing 2018-2020 work plan that has guided the direction of the Task Force over recent years. The 2018-2020 work plan included in this document (Annex 1) details the results and outputs of each of the seven key themes and associated actions, as initially identified by members and observers.
2. A review of the implementation of the ETF work plan (2018-2020) will be presented and discussed further with members and observers during the ETF5 meeting.

## ANNEX 1

## FRAMEWORK ETF WORKPLAN: 2018-2020

Item	Actions	Responsible Entities	Deliverables by ETF Coordinator	Funding Status	Due Date	Results
1.	<b>Theme:</b> Promote implementation of relevant guidelines adopted in the frameworks of the participating MEAs <b>Expected Result:</b> Guidelines are integrated into decision-making					
1.1	Prepare and disseminate an information package, including fact sheets, PowerPoints and information about existing decision support tools (translate material on demand) for the following stakeholders: <ul style="list-style-type: none"> <li>• CMS and AEWA Parties</li> <li>• Renewables energy sector stakeholders &amp; environmental assessment practitioners</li> <li>• Financial institutions</li> <li>• Conservation organisations</li> </ul>	<b>Coordinator,</b> CMS, AEWA, EUROBATS, Secretariats, ETF Members	ETF to review information package and ETF Coordinator to revise as necessary.	Funded	Dec 2018	<ul style="list-style-type: none"> <li>• ETF logo, factsheet completed. Disseminated at Flyways Summit in Abu Dhabi, CBD SBI2 in Montreal, at UN High Level Political Forum on Sustainable Development in New York, at Responsible Business Forum in Singapore, at Ramsar COP13 in Dubai, at the Global Partnership for Business and Biodiversity meeting, the UNFCCC COP24 in Katowice and the CMS COP13 in India. See <a href="#">here</a>.</li> <li>• Engaged with delegates at UNFCCC intersessional in Bonn highlighting the importance of reconciling RE with species conservation.</li> <li>• A review and update of the ETF Information Resource Guidelines has been completed and uploaded onto the ETF webpage.</li> </ul>
ETF to consider additional material e.g. shorter, accessible factsheets.			Dec 2018			Completed ETF factsheet and flyers. Case studies completed for Jordan, Egypt Kenya and South Africa.
ETF to identify opportunities and modalities for dissemination and disseminate e.g. conferences			2018-2020			<ul style="list-style-type: none"> <li>• Case studies disseminated as above.</li> <li>• Disseminated a BirdLife position statement on renewable energy development for the post-2020 nature, climate and development agendas at CBD SBSTTA and UNFCCC COP25.</li> </ul>
Provide revised versions to sector specific stakeholders including CMS Secretariat for distribution to CMS and AEWA parties, renewables energy sector, environmental assessment practitioners, financial institutions and conservation organisations.			Dec 2018			Completed generic materials applicable to all members and relevant sectors.

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			Upload revised version to ETF online workspace and notify task force members.		Jan 2019	Completed
1.2	Continue to identify relevant stakeholders in energy and financial sectors.	ETF members, Coordinator, CMS Secretariat	Coordinator in consultation with CMS Secretariat and ETF to decide on priority stakeholders to approach.	Funded	2018-2020	<ul style="list-style-type: none"> <li>Significant effort in developing relationships with Investment Banks and Governments has resulted in a securing interest in the ETF membership.</li> <li>The development of a new business pool in addition to membership and observership status has been established. Service providers Robin Radar and STRIX have joined the business pool.</li> </ul>
			ETF members and Coordinator to approach stakeholders for potential membership or collaboration.			In 2019/20, new members and observers of the ETF include: <ul style="list-style-type: none"> <li>French Ministry of Environment &amp; Energy</li> <li>Jordan Ministry of Environment</li> <li>Brazilian National Center for Bird Conservation and Research (CEMAVE)</li> <li>Instituto de Ecología, Universidad Nacional Autónoma de México (UNAM)</li> <li>Regional Center for Renewable Energy &amp; Energy Efficiency (RCREEE)</li> <li>IUCN Med</li> <li>Royal Society for the Conservation of Nature (RSCN)</li> <li>Hellenic Ornithological Society (HOS)</li> </ul>
			Coordinator to follow up with stakeholders previously invited to be ETF members or observers.			Completed
			Upload current list to ETF online workspace and notify ETF members.			Completed

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1.3	Side-events at CBD COP 14 (Egypt, November 2018) and [if resources and time permit] at AEWA MOP7 (South Africa, Dec 2018).	<b>Coordinator, CMS Secretariat, Egypt, ETF members, Germany</b>	Prepare and submit side event proposal.	Funded/ In-kind	Oct 2018	<ul style="list-style-type: none"> <li>An ETF side event was held at the CBD COP14 in Egypt in November 2018 on mainstreaming biodiversity in the energy sector with CMS, BirdLife International, Egypt, the Philippines and Nature Conservation Egypt.</li> <li>An ETF side event on Nature-sensitive Renewable Energy Development was held at the CMS COP13 in India in 2020.</li> </ul>
			Invite ETF members and observers.		Oct 2018	Completed
			Organise multi-stakeholder round table dialogue on renewable energy development and migratory species during CBD COP14.		Nov 2018	Completed. See above.
			Circulate minutes from round table dialogue to ETF members and observers.		Dec 2018	Completed
1.4	Prepare an information paper for CBD COP14 (Egypt, November 2018) including implementation analysis and global impact assessment.		Prepare draft information paper for review by ETF members.	Funded	Nov 2018	Completed. See ETF website <a href="#">here</a> .
			Upload final information paper to online workspace and notify ETF members.		Dec 2018	Information paper disseminated to members via email and uploaded onto ETF website.
1.5	Track, engage and support, as appropriate, CBD mainstreaming biodiversity agenda in Energy Sector.		Coordinator to engage CBD Secretariat and provide information to ETF Members.	Unfunded/ In-kind	2018-2020	Completed
1.6	Information document for renewable energy and environmental sectors on the business case		Identify opportunities to communicate and replicate the findings of EWT.	Unfunded/ In-kind	2018-2020	The ETF Resource Document has been updated each year as new materials become available.

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	for implementing guidelines.		Develop generic brief on business case, drawing on the findings of EWT.			See ETF Fundraising brief.
			Jointly fundraise for and contribute to development of an interactive tool based on the briefing document (see Mobilising resources below).			The ETF members are working together on the development of interactive tools such as sensitivity mapping, IBAT and a Good Practice Handbook for post-construction bird and bat fatality monitoring.
1.7	Engage with industry and investors - build partnerships and establish pilot initiatives with industry and investors.	<b>Coordinator,</b> CMS Secretariat, ETF members	Ongoing engagement with industry and investors in work plan activities.	Unfunded /In-kind	2018-2020	<ul style="list-style-type: none"> <li>• Incorporated the reconciliation of renewable energy development with biodiversity conservation to the European Investment Bank energy lending policy consultation (April 2018), EIB guidance note to Standard 10 consultation (March 2019), EBRD environmental and social policy consultation (March 2019) and Equator Principles EP4 draft review process.</li> <li>• The ETF coordination team participated in a review of the new IUCN guidelines on Mitigating Biodiversity Impacts Associated with Solar and Wind Energy Infrastructure. IUCN and The Biodiversity Consultancy will present the new guidelines at the December ETF5 virtual meeting.</li> <li>• The 'Good practice handbook (GPH) on the design of post-construction monitoring of bird and bat fatalities at wind energy facilities' was first discussed in the ETF4 meeting in Paris in 2019. EBRD, IFC, KfW, Natural Power, Western EcoSystems Technology, Inc. and the ETF coordination team are developing the GPH via a peer review and the Project's Stakeholder Advisory Body.</li> </ul>

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1.8	Engage national focal points from relevant MEAs (including CBD and UNFCCC) and national energy authorities, to inform them of the work of the ETF, the AEWA/ CMS/ EUROBATS guidelines and upcoming ETF events.	<b>ETF member governments, Coordinator</b>	ETF Coordinator to work with Government members to initiate.	In-kind	2018-2020	<ul style="list-style-type: none"> <li>We have encouraged members to contact CBD and UNFCCC focal points.</li> <li>Through ETF members we have identified contact points through which to engage the CBD.</li> <li>ETF coordinators have worked with focal points of the CMS, AEWA and EUROBATS to inform other MEAs of their work.</li> </ul>
2.	<b>Theme:</b> Priority setting <b>Expected Result:</b> Work plan reflects priorities					
2.1	Review work plan at ETF 3 meeting (Nov 2018) to identify additional priority activities in line with CMS Resolution 11.27 (Rev.COP12) and including long-term goals.	<b>ETF members</b>	Work with Chair to prepare a meeting paper with proposed work plan revisions (if any).	Funded	Nov 2018	<ul style="list-style-type: none"> <li>The ETF workplan was reviewed with members at ETF4 meeting in Paris in Sept 2019, where we identified additional priority activities in line with CMS Resolution 11.27 and asked each member to make commitments for actions to be completed by the ETF5 meeting in 2020. Before the ETF4 meeting a review and update of the CMS Resolution 11.27 and 10.11 was also completed and then approved at the ETF4 meeting.</li> <li>A post-2020 draft workplan has been developed through member consultation and will be discussed at the virtual ETF5 meeting in December 2020.</li> </ul>
			Update work plan for 2019 to reflect changes arising from ETF 3.		Dec 2019	Completed
			ETF 3 to consider holding a workshop to identify research priorities.		Nov 2018	A special session was held during the ETF 3 and 4 meetings to discuss research priorities with members and key research institutions, such as BTO and BirdLife International.
2.2	Review progress on implementing the work plan, every six months.	<b>Coordinator, ETF members</b>	Coordinator to initiate progress review.	Funded	2018-2020	ETF members committed to achieving certain actions against the workplan during the ETF4 meeting in Paris in 2019. Members have since reported back against these commitments.

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<b>3.</b>	<b>Theme:</b> Mobilising resources <b>Expected Result:</b> Priority activities identified and funded					
<b>3.1</b>	Identify key funding priorities and opportunities.	<b>Coordinator,</b> CMS Secretariat, ETF Members	Review draft fundraising plan to reflect priorities (funding gaps) identified during ETF2.	In-kind	Jan 2019	ETF fundraising plan completed by ETF coordination team and distributed to ETF members and other industry, banking and government interests for comment.
Upload revised plan to ETF online workspace and notify ETF members.			Jan 2019		Completed	
Encourage and coordinate fundraising efforts of ETF members as appropriate.			2018-2020		<ul style="list-style-type: none"> <li>• CMS distributed the fundraising plan to members and key contacts inviting them to contribute to the post-2020 ETF budget.</li> <li>• Advised ETF members of the fundraising plan and asked for their assistance in fundraising for the ETF.</li> </ul>	
<b>3.2</b>	Prepare funding proposal to further develop decision support tools.	<b>Coordinator, ETF members</b>	Develop fundraising concept notes to address funding needs identified during ETF2 and 3.	Funded	2018-2020	Fundraising proposals were developed by ETF coordinators in partnership with ETF members and external organisations.
<b>3.3</b>	Liaise with potential donors to seek support for ETF activities.	<b>CMS Secretariat, Coordinator, ETF members</b>	Work with CMS Secretariat to coordinate donor engagement by ETF members.	Funded	2018-2020	In addition to the above, ETF Coordinators have completed development of fundraising donor spreadsheet, 4-page fundraising concept note and 1-page fundraising letter to encourage donor interest.
<b>4.</b>	<b>Theme:</b> Monitoring implementation and impediments to implementation <b>Expected Result:</b> Report on status of implementation; impediments to implementation and potential solutions identified					
<b>4.1</b>	Conduct surveys and interviews with selected CMS Parties to implement different components of AEWA/CMS/EUROBATS guidelines and identify key impediments to implementation.	<b>Coordinator, AEWA, EUROBATS, CMS Secretariat, TWG, ETF members</b>	Technical Working Group (TWG) and Coordinator to develop survey and interview questions working with AEWA, EUROBATS and CMS Secretariats	Unfunded /In-kind	May 2019	Prior to the ETF4 meeting a survey of members was completed to ascertain their priorities in 2020 based on the ETF workplan. Commitments gathered at the ETF4 meeting and via the survey were collated and the ETF Coordinator has worked with members to complete these tasks.

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4.2	Analyse existing guidelines to identify gaps and need for more technical detail; develop complementary technical notes (e.g. sensitivity mapping, thresholds, data collection and monitoring, mitigation hierarchy and power-lines).	TWG	TWG to agree on further activities, timelines and responsibilities at ETF3.	Unfunded	Nov 2018	Sensitivity mapping completed in Africa and Japan by BirdLife International Science Team. Proposals for funding to develop sensitivity mapping have been submitted for East Asia and India. The MSB Sensitivity Mapping Tool digital platform is currently being updated by the BirdLife Information Management Team.
			TWG to identify any funding gaps.		2018-2020	Ongoing
			TWG to work with other ETF Members and Coordinator to fill funding gaps.		2018-2020	BirdLife secretariat, RSPB and BirdLife South Africa developed a concept note submission for the IKI South Africa call for funding. This grant, if successful, would include significant funding for ETF coordination and related work.
5.	<b>Theme:</b> Stimulating communication and information exchange <b>Expected Result:</b> Task force members collaborate and share information					
5.1	Make information about the ETF available via dedicated web space on CMS website.	Coordinator, CMS Secretariat	Coordinator to review website text and content.	Funded	Nov 2018 & ongoing	ETF webpage review and update completed. Ongoing updates as new materials present themselves.
5.2	Organization of the 3rd, 4 <sup>th</sup> and 5th Meeting of the ETF.	Coordinator, CMS Secretariat	Coordinator to prepare travel arrangements of ETF members.	Funded	Nov 2018, 2019, 2020	Completed
			Coordinator to facilitate administrative and financial arrangements of the meeting such as venue, accommodation and catering.			Completed
			Coordinator to prepare relevant meeting documents and an agenda.			See ETF webpage meeting documents for ETF1, 2, 3, 4 and 5. Virtual ETF pre-meetings were also held in 2019 and 2020. ETF webinars were also held in November and December 2020.
			Coordinator to act as one of the meeting facilitators and contribute to the meeting.			Coordinator organised and facilitated all meetings of the ETF with assistance from, members, Chair/Vice Chair and CMS Secretariat.

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5.3	ETF members exchange case studies, lessons learnt and best practices during ETF meetings and through online platform (ETF Online Works pace).	<b>CMS Secretariat, Coordinator, ETF members</b>	Coordinator to encourage exchange of materials between members during meetings and via ETF Online Works pace.	Funded	Nov 2018 & ongoing	<ul style="list-style-type: none"> <li>Coordinators develop a quarterly ETF newsletter inviting members to promote and communicate their activities with other ETF members.</li> <li>The ETF4 meeting in 2019 hosted an information sharing day, where members, observers and service providers delivered a range of presentations on their activities.</li> </ul>
			Encourage the use of the ETF Online Workspace and upload information where needed.	In-kind	2018-2020	The online workspace was <b>not</b> utilised by members or observers. Instead communication via email was the preferred method.
5.4	Deliver and record webinar series for CMS Parties, financial institutions and energy sector stakeholders, with presentations by ETF members and other experts.	<b>Coordinator</b> , BirdLife, RGI, WindEurope, WREN	Work with ETF Members to discuss need and identify best approach for delivering webinar series.	Unfunded /In-kind	Mar 2019	ETF webinars developed and presented to ETF members, MSB network, MEA Conventions and regional Energy Working Groups.
5.5	Identify relevant best practices in relation to powerline impacts that could be applicable in other countries. Disseminate guidelines.	<b>RGI (Europe), EWT</b> , Egypt, Saudi Arabia	Work with RGI and EWT to initiate engagement with relevant task force members.	Unfunded /In-kind	2018-2020	Best practice guidelines in relation to powerlines have been included in the Information Resource Guidelines.
			Identify roles, responsibilities and funding needs at ETF 3.		Nov 2018	Completed
			Monitor and report on progress.		2018-2020	Completed.
5.6	Develop short video highlighting the role of ETF and sharing case studies/ views from across ETF members.	<b>Coordinator</b> , CMS Secretariat, ETF Members	Coordinator to develop draft concept together with CMS Secretariat.	Unfunded /In-kind	2018-2019	A short video highlighting the role of the ETF was prepared at the ETF4 meeting by OREE. This video will be available via the OREE website once completed.

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5.7	Disseminate research and other ETF outputs e.g. through WREN hub and expert forum.	<b>Coordinator</b> , ETF mem- bers, WREN	Member initiative	In-kind	2018- 2020	Completed through ETF newsletter and the development of a research database from which we disseminate research to members and other interested parties on the impacts of renewables on migratory species and the solutions that can reconcile renewable energy development with biodiversity conservation.
5.8	Develop communications strategy for ETF.	<b>Coordinator and CMS Secretariat</b>	Potential for the development of ETF communication plan to be considered at ETF 3.	Funded	Nov 2018	Communication plan evolved into ETF newsletter, virtual member meetings, member case studies and member commitments.
			Coordinator to prepare draft.		June 2019	As above
6.	<b>Theme:</b> Strengthening regional and international networks <b>Expected Result:</b> Strong regional and international networks					
6.1	ETF members to promote the aims of the ETF through relevant regional and international networks.	<b>ETF members</b>	Coordinator to encourage ETF Members to promote the aims of the ETF through their networks.	In-kind	2018- 2020	Completed
6.2	Map priority regional and international networks.	<b>Coordinator</b> , ETF mem- bers	Coordinator to map priority regional and international networks.	Funded	2018	Completed. In ETF3 meeting in Egypt, ETF members voted to expand the scope of the ETF's consideration to global coverage and all taxa and renewable energy technology.
7.	<b>Theme:</b> Stimulating research <b>Expected Result:</b> Significantly increase the evidence base on which to make planning and mitigation decisions.					
7.1	Complete global assessment of predicted impacts of large-scale renewable energy deployment on birds and mammals. <sup>3</sup>	<b>British Trust for Ornithology</b> , BirdLife, IUCN, RSPB, University of Cambridge, EWT	Publish 2 <sup>nd</sup> paper on the results of global assessment, identifying priority audiences and communicate.	Funded	Mar 2019	Paper eventually rejected from journal and now unlikely to be published without additional funding.
			Produce fact-sheet summarising results of bird and bat vulnerability assessment to collision with wind turbines, and (once published) of global assessment of renewables impacts, for dissemination.		Mar 2019	Not completed due to capacity but could be if still valuable. Now in discussions with BirdLife about potential uses of these vulnerability assessments to inform wider sensitivity mapping.

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7.2	Review species vulnerability to powerlines (collision and electrocution), undertake spatial mapping of hotspots of vulnerability and review mitigation solutions.	<b>British Trust for Ornithology</b> , BirdLife, RSPB, ETF members	Develop proposal for funding. Monitor and report on progress.		Nov 2018  April 2019	Report on data collected by TSOs published <a href="https://renewables-grid.eu/fileadmin/user_upload/Files_RGI/Award/BirdDataCollectedByTSOs_FinalReport_BTO.pdf">https://renewables-grid.eu/fileadmin/user_upload/Files_RGI/Award/BirdDataCollectedByTSOs_FinalReport_BTO.pdf</a> . Follow-up funding proposal unsuccessful but potential to be revised.
7.3	Develop spatial mapping tools to assess the potential risk of government commitments following the Paris Agreement, and to help show governments how they can meet their commitments with minimal impact upon biodiversity.	<b>ETF Members</b> , EWT, BTO, BirdLife, RSPB	Develop concept.	Unfunded	2018-2019	Funding has not been secured to date, however the proposal is still active and engagement with donors is taking place.
7.4	Develop appropriate tools and guidance for developers and regulators to help them assess cumulative impact across powerlines and RETs, collaborating with CMS Scientific Council.	<b>BTO, BirdLife, EBRO</b> , Egypt, EWT, RGI, Saudi Arabia, WindEurope, WREN (in Consultation with consultants, developers and regulators).	TBD	Unfunded	2018-2020	Funding not secured.

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7.5	Synthesise and compare information on the impacts of different renewable energy options, and the potential for mitigating species impact.	BTO, BirdLife, Kenya, Egypt,	Organise planning meeting for interested members.	Unfunded	2018-2019	Funding not secured.
7.6	Collision modelling for powerlines to identify vulnerable species globally.	BTO, BirdLife, Egypt, EWT, RGI, Saudi Arabia	Organise planning meeting for interested members.	Unfunded	2018-2019	Initial funding proposal following the approach of <a href="#">Thaxter et al. (2017)</a> unsuccessful. Potential to be revised.
7.7	Review and synthesise mitigation solutions (e.g. shut down-on-demand) across different technologies and powerlines to identify whether there is sufficient evidence to promote particular solutions, and to identify knowledge gaps for further assessment.	BirdLife South Africa, BTO, Egypt, EWT, Israel	Organise planning meeting for interested members.	Unfunded	2018-2020	Funding not secured.