

17-18  
Nov  
2021

Séminaire

# Eolien & Biodiversité



Amphithéâtre Verniquet, Muséum national d'Histoire naturelle, Paris

## Programme



AGIR pour la  
BIODIVERSITÉ



# Foreword

The LPO has pleasure in inviting you to the 4<sup>th</sup> edition of the Wind energy and Biodiversity seminar which will take place on 17 and 18 November 2021 in the great amphitheatre of the MNHN in Paris and simultaneously on Zoom.

This event is part of the Wind Energy and Biodiversity Programme led by the LPO with the support of the ADEME and the French Ministry of Environment, and the participation of the Syndicat des Energies Renouvelables and France Energie Eolienne. It will bring together researchers, NGOs, wind energy stakeholders and State services during 2 days of exchanges dedicated to the environmental integration of onshore and offshore wind farms.

The Seminar will be opened by representatives of the LPO, ADEME, the Ministry of Ecological Transition, the MNHN as well as SER and FEE. Mrs. Chantal JOUANNO, President of the National Commission of the Public Debate, will close the event as a key witness.

This meeting should enable a state of knowledge on the potential impacts of wind farms, the means of measuring and mitigating them on land and at sea, with the aim of reconciling the objectives of developing renewable energy with the imperatives of preserving biodiversity.

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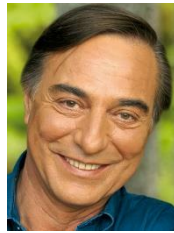


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## Opening of the Seminar

Wednesday November 17 at 10 a.m. in the presence of

**Allain Bougrain Dubourg**  
President of the LPO



**Bérangère Abba**  
Secretary of State to the  
Minister of Ecological  
Transition, in charge of  
Biodiversity

**Bruno David**  
President of the MNHN  
(National Museum of Natural  
History)



**Arnaud Leroy**  
President of the ADEME  
(Environment and Energy  
Management Agency)

**Jean-Louis Bal**  
President of the SER  
(Renewable Energies Union)



**Nicolas Wolff**  
President of France Energie  
Eolienne

## Great witness




**Chantal Jouanno**, President of the CNDP  
(national commission for public debate), will  
close the Seminar on Thursday, November  
18.



## Programme



### Wednesday 17 November 2021

<b>9:00 – 10:00</b>	Welcome	
<b>10:00 - 11:00</b>	Official speeches (LPO, MNHN, ADEME, MTE, SER, FEE)	
<b>11:00 - 11:30</b>	Scientific results of the workshop on biodiversity and climate change jointly organized by IPBES and IPCC	Sandra Lavorel (CNRS)
<b>11:30 - 12:00</b>	Analysis of a controversy between the development of renewable energies and the protection of biodiversity: the Plaine de Boneffe wind farm project (Belgium)	Crozet J (CPIE Brenne-Berry) Wallenborn G (Université Libre de Bruxelles)
<b>12:00 - 12:30</b>	Wind Power and Biodiversity: the case of the protected species policy - Latest jurisprudential aspects	Boyer P (OFB)
<b>12:30 - 14:00</b>	Lunch break	
<b>14:00 - 14:30</b>	Guidelines for the preservation of the marine environment in marine renewable energy projects	Sauboua P, Michel S (OFB)
<b>14:30 - 15:00</b>	Environmental monitoring and study of the influence of offshore wind on the movements of the Sandwich Tern off the Norfolk coast	Leyris J (Equinor, Norvège)
<b>15:00 - 15:30</b>	First feedback on the evolution of bird and marine megafauna assessment techniques during the baseline of an offshore wind farm in France: Saint-Brieuc wind farm	Lecorps F (Biotope)
<b>15:30 - 15:45</b>	Coffee break	
<b>15:45 - 16:15</b>	Poster session: succession of short presentations (3 mn)	
<b>16:15 - 16:45</b>	Estimating wildlife mortality at wind power facilities	Huso M (US Geological Survey, USA)
<b>16:45 - 17:15</b>	Wind power and bats: synthesis of knowledge on impacts throughout the ARO sequence	Kerbiriou C, Marmet J (MNHN)
<b>17:15 – 17:45</b>	Estimating cumulative numbers of collision victims, and impact assessment on population level	Potiek A (Bureau Waardenburg, Pays-Bas) 
<b>18:00 - 20:00</b>	Friendship drink	



## Programme

### Tuesday 18 November 2021

9:00 – 10:00	Welcome	
10:00 - 10:15	Opening	
10:15 - 10:45	Analysis of flight behaviour using high-resolution GPS tracking to reduce the impact of wind farms on raptor populations	Schaub T, Millon A (IMBE / Aix-Marseille Université)
10:45 - 11:15	Windfarm curtailments during agricultural activities: an interesting mitigation measure for birds?	Dangoisse G (Boralex), Facq T (CPIE Sud Champagne), Thauront M (Ecosphère)
11:15 - 11:30	Poster session: succession of short presentations (3 mn)	
11:30 - 12:00	Wind power and bats: a conflict with solutions?	Vanhove H (KJM Conseil, Allemagne)
12:00 - 14:00	Lunch break	
14:00 - 14:20	MAPE - Quantifying the impacts of collisions on bird populations	Chambert T (CEFE CNRS)
14:20 - 14:40	MAPE - Drafting and validation of an evaluation protocol for detection-reaction systems by involving the stakeholders involved	Dupont S (CEFE CNRS)
14:40 - 15:00	MAPE - Defining minimum bird detection distances to reduce collisions	Fluhr J, Duriez O (CEFE CNRS)
15:00 - 15:20	MAPE - Better understand the perception of wind turbines by birds	Blary C (CEFE CNRS)
15 :20 – 15 :30	MAPE – Questions/Answers	
15:30 - 15:45	Coffee break	
15:45 - 16:15	Poster session: succession of short presentations (3 mn)	
16:15 - 16:45	B-FINDER - automatic bats & birds mortality monitoring for wind power	Przybycin M (B-finder Team, EMPEKO S.A., Pologne) 
16:45 - 17:15	The State of the Science on Operational Minimization to Reduce Bat Fatality at Wind Energy Facilities	Whitby MD (Bat Conservation International, USA) 
17:15 – 17:30	Conclusion by Chantal JOUANNO, President of the CNDP, Great witness	

Grand Amphithéâtre du MNHN  
Jardin des plantes  
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