

„Smart technologies for wildlife conservation and wind energy – online conference“

3 and 4 November 2020, from 13:00 to 16:40 p.m. (CET)



On behalf of the



Tuesday, 03.11.2020, 13.00–16.40h (CET)

Online-Conference (Zoom)

Language: German with simultaneous interpretation German-English

12:00h: Online-Warm-up with the attendees; Login already possible

13:00h: Moderator and technical moderator: Welcome, introduction to the online conference (technology, procedure, etiquette, etc.)

13:20h: **Dr Christiane Paulus**, Director of Nature Conservation and Sustainable Use of Natural Resources, German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU): „Challenges for a nature friendly energy transition (out of the Perspective of the Ministry for the Environment)“

13:35h: **Dr Alfred Herberg**, Head of the Section “Conservation, Development and Sustainable Use of Nature” of the German Federal Agency for Nature Conservation (BfN): “The potential of smart technologies for the environmentally friendly expansion of wind energy“

13:55h: **Dr Rafael Wüest Karpati**, Swiss Federal Institute for Forest, Snow and Landscape Research (WSL), Department Biodiversity and Conservation Biology: „Big Data and nature conservation: thinking data in a larger context“

14:10h: **Dr Elke Bruns**, Competence Centre for Nature Conservation and Energy Transition (KNE) (Germany): “Wildlife detection systems on wind turbines viewed from the perspective of the planning and permitting process,” presenting the results of the workshop series on “Requirements for technical detection and shut down systems for wind turbines” (2020)

14:25h: Question & answers (via the Zoom Q&A-tool)

15:00-15:10h: short break

15.15h: **Hein Prinsen**, Bureau Waardenburg (The Netherlands): “Application of full 3D bird radar to monitor nocturnal migration in an onshore windfarm“

15:30h: **Roelof Frans May**, Norwegian Institute for Nature Research, Senior Research Scientist: “Wind energy and birds on Smøla (Norway)“

15:45h: **Dr Janine Aschwanden**, Swiss Ornithological Institute: „IdentiFlight – an automated detection system for large birds for the on-demand shutdown of wind turbines – trial results at the wind energy testing site Donzdorf/Geislingen in Southern Germany“

16:00–16:35h: Question & answers (via the Zoom Q&A-tool)

16:35h: Short summary by **Kathrin Ammermann**, Head of FG II 4.3 “Nature conservation and renewable energies”, Federal Agency for Nature Conservation