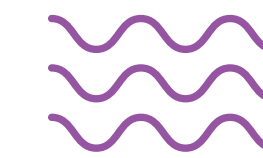


RISKY – Wildlife Mortality from Energy and Transport Infrastructure



The RISKY project addresses the significant threats to biodiversity caused by energy and transport infrastructures, including millions of wildlife fatalities annually from collisions and electrocutions. By developing an open-access web platform that extends the Atlas of Living Australia (ALA), RISKY aims to expand existing biodiversity data services by integrating mortality risk analysis for terrestrial vertebrates.



ENVRI
Environmental Sciences



LSRI
Life Sciences

Challenge

Renewable energy technologies pose significant threats to biodiversity. The loss of individuals can increase the risk of local extinction. To counter this, it's crucial to prioritise environmentally sustainable planning that minimises impacts on wildlife and achieves zero net loss of biodiversity.

Solution

A web platform that extends the ALA by integrating global wildlife mortality data from collisions and electrocutions. By providing critical insights into the impact of mortality from energy and transport infrastructures, RISKY will inform effective conservation strategies while minimising socioeconomic costs.

Scientific Impact

RISKY will provide new open-access data and analytical tools that enhance scientific understanding of mortality risks associated with energy and transport infrastructures, significantly expanding the user base, engaging scientists in wildlife conservation, applied ecology, civil engineering, and various stakeholders.

Partners

CIBIO-BIOPOLIS, iDIV, GBIF.PT-ISA, GBIF.ES-CSIC, Renewables Grid Initiative, French Biodiversity Office (OFB), Climat et territoire de demain (CEREMA), UMR – Centre d'Ecologie Fonctionnelle et Evolutive

<https://bit.ly/OSCAR-fundedproject-RISKY>