

# BAT SURVEYS

## WIND FARM SITES

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When preparing an environmental impact assessment that is to be submitted to the ministère du Développement durable, de l'Environnement et des Parcs (MDDEP) prior to the construction of a wind farm, particular attention must be given to how the study area is used by bats, which are considered to be a sensitive component of the biological environment. Bat surveys are done at potential wind farm sites to verify the abundance and diversity of the species present there.

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### PESCA Environnement achievements

- Survey protocol planning according to government requirements: determine method, periods, sites
- Presentation of protocol to the relevant government bodies
- Stationary acoustical surveys by recording ultrasounds made by bats using an *AnaBat II* device during breeding and migration periods
- Analysis of recordings to determine species abundance and diversity, and their distribution within the study area
- Description of structures likely to encourage the presence of bats: potential summer habitats, travel corridors, hibernacula
- Identification of threatened or vulnerable species
- Preparation of survey report



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