

WHAT IS THE ECOLOGICAL IMPACT OF OFFSHORE WIND TURBINES?



Oral comprehension

I- Listen to the following extract and fill in the gaps:

What is the 1 _____ 2 _____ of wind turbines?

Wind 3 _____ is a relatively clean alternative for 4 _____ fuels as they do not

emit 5 _____ gasses during operation.

But they do affect nature in other ways too.

Wind 6 _____ affect the 7 _____ migration routes of birds and bats.

And the 8 _____ blades form a deadly hazard for birds.

Then again, it's proven that wind 9 _____ form a significantly smaller threat compared to cats.

Sea life flourishes, due to the absence of fishery near wind farms and the 10 _____

11 _____ created by the foundation of the structures can even lead to an increase in

12 _____ diversity.

Still, the construction of 13 _____ wind farms 14 _____ noise that poses a potential threat to 15 _____ and marine mammals like seals and whales.

16 _____ organizations stress the importance of proper research, careful site selection,

and noise 17 _____ during installation.

But they also see the potential of concepts for wind farm 18 _____.

Like 19 _____ seaweed or mussels for human 20 _____.

II- Find a title for the document.

III-Say if the following statements are true or false and always justify:

1-Wind turbines do not emit greenhouse gases during operation.

2- Wind turbines have no impact on the migration of birds and bats.

3- Marine life thrives near wind farms due to the absence of fishing.

4- Artificial reefs created by wind turbine foundations can reduce species diversity.

5- Environmental organizations consider research and site selection unimportant for wind farms.

6- Offshore wind turbines never generate noise.

IV- Find the equivalents in the script of the extract for:

| | |
|---|--|
| Éventail des espèces | |
| La faune et la flore aquatique | |
| Un risque éventuel | |
| Un gaz à propriétés de réchauffement planétaire | |
| Pêche suspendue | |
| Élevage de micro-algues | |

V- Traduire du début à : « bird » (ligne 6)

| Words in the text | Synonyms | Translations | Results: ex:1-b-5 |
|-------------------|--------------------------------------|------------------|-------------------|
| 1- wind turbine | a- in proximity | 1- extra-côtièrs | 1-_____ |
| 2- artificial | b- wind power installation | 2- éoliennes | 2-_____ |
| 3- offshore | c- wind-driven electricity generator | 3- à proximité | 3-_____ |
| 4- near | e- located in the sea | 4- parcs éoliens | 4-_____ |
| 5- wind farms | f- manufactured | 5- artificiels | 5-_____ |