

Wind energy and biodiversity

Wind
EUROPE

THE WIND. IT'S FREE, CLEAN, AND RENEWABLE.
WE CAN USE IT TO PRODUCE ELECTRICITY.



WIND IS AVAILABLE LOCALLY.
IT DOESN'T NEED TO BE IMPORTED
FROM OTHER COUNTRIES.
THE MORE WE USE IT, THE CLOSER
WE GET TO ENERGY SECURITY.



WIND ENERGY HOLDS MANY
BENEFITS FOR THE ENVIRONMENT
AND FOR BIODIVERSITY. IT CAN
COEXIST HAPPILY WITH NATURE.



BEFORE INSTALLING A WIND FARM, WE CHOOSE THE SITE VERY CAREFULLY. WE THEN PLAN AND DESIGN
THE WIND FARM IN A WAY THAT RESPECTS THE ENVIRONMENT. THIS PROCESS TAKES SEVERAL MONTHS!



WE CARRY OUT THOROUGH IMPACT
ASSESSMENTS WITH SCIENTISTS
AND LOCAL AUTHORITIES.



WE TALK TO
LOCAL RESIDENTS...



BIRD
SPECIALISTS...



WE AVOID
MIGRATORY CORRIDORS.



WE LOOK AT ALL
THE POTENTIAL IMPACTS OF A
WIND FARM AND ITS INFRASTRUCTURE.

DURING INSTALLATION, WE TAKE EXTRA CARE TO MINIMISE OUR IMPACT:

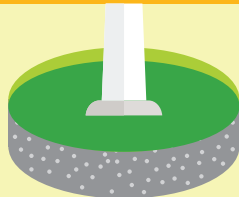
WE LIMIT THE
TIME NEEDED
TO INSTALL
A WIND FARM.



WE AVOID INSTALLING
WIND FARMS DURING
THE BIRD NESTING
SEASON.



THE CEMENT WE USE FOR
FOUNDATIONS IS INERT. IT
DOESN'T POLLUTE THE SOIL.



WHERE APPLICABLE WE USE
AIR BUBBLE CURTAINS TO
REDUCE NOISE POLLUTION
FOR MARINE LIFE DURING
WORKS AT OFFSHORE
WIND FARMS.



CO2 EMISSIONS ASSOCIATED
WITH CONSTRUCTION,
OPERATION AND DISMANTLING
ARE PAID BACK WITHIN ONE
YEAR OF OPERATION.



ONCE INSTALLED, WIND FARMS BRING MANY BENEFITS TO THE ENVIRONMENT:

NO CO2 EMISSIONS
NO AIR POLLUTANTS...



ZERO WATER
FOOTPRINT...

WIND FARMS CAN COEXIST WITH
FARMING AND OTHER LAND USES.



ONCE INSTALLED WIND TURBINES LEAVE
THE SITE UNDISTURBED FOR MANY YEARS.

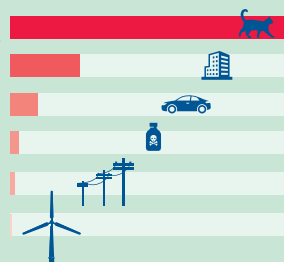


OFFSHORE FOUNDATIONS
ACT AS ARTIFICIAL REEFS.



WE TAKE EXTRA MEASURES, IN ADDITION TO CORRECT PLANNING AND SITING, TO PROTECT BIODIVERSITY:

THE IMPACT OF WIND TURBINES ON BIRDS IS ACTUALLY VERY LOW.



WE CONSTANTLY
MONITOR OUR
IMPACT.



WHERE APPROPRIATE
WE USE TECHNOLOGY
TO DETECT, DETER AND
DECOY BIRDS AND BATS.
IN SOME CASES THIS
INCLUDES STOPPING
THE TURBINE FROM
SPINNING AT
CERTAIN TIMES.



WIND FARMS ARE
BEE-FRIENDLY, AND THEIR
SITES CAN BE DESIGNED TO
ATTRACT POLLINATORS.