

BLUE DEAL

Wind turbines for the future

One of the main problems we have encountered is the separation between the turbine and another wind turbine, and the costs involved.

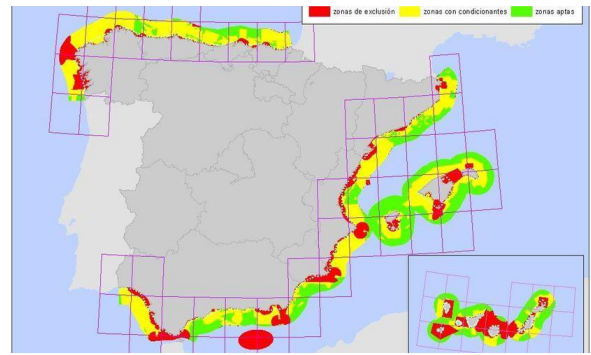
Our project tries to solve the problem of the cost and the high surface, making wind generators of lower altitude and therefore smaller propellers and we added more supports to add more stability to the structure, to reduce the required surface, and increase the amount of these in the same area.

Minimum wind speed required: 15 km/h

Average wind speed in the north of Spain: 17 km/h

Due to the required speeds we have determined that the best area of the peninsula is the Galician, Asturian and Basque coasts, since in the Atlantic the wind currents are greater than in the Mediterranean.

By having a higher average, there is less risk of lower wind speed, with respect to that required to move each turbine.



In addition we avoid possible social problems because the weather in the north is more rainy and tends less to have "beach days". This means that the population that accesses beaches close to where our prototype is installed, despite being far away, will have fewer complaints due to the modification of the natural landscape. People's dissatisfaction is an important factor and must be taken into account.

In principle we wanted to devise it to somehow favor the Valencian Community and plan it in the Mediterranean, but we have had too many drawbacks to carry out the project, so to compensate we propose that the labor and materials that we can be of our community.

