



This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir



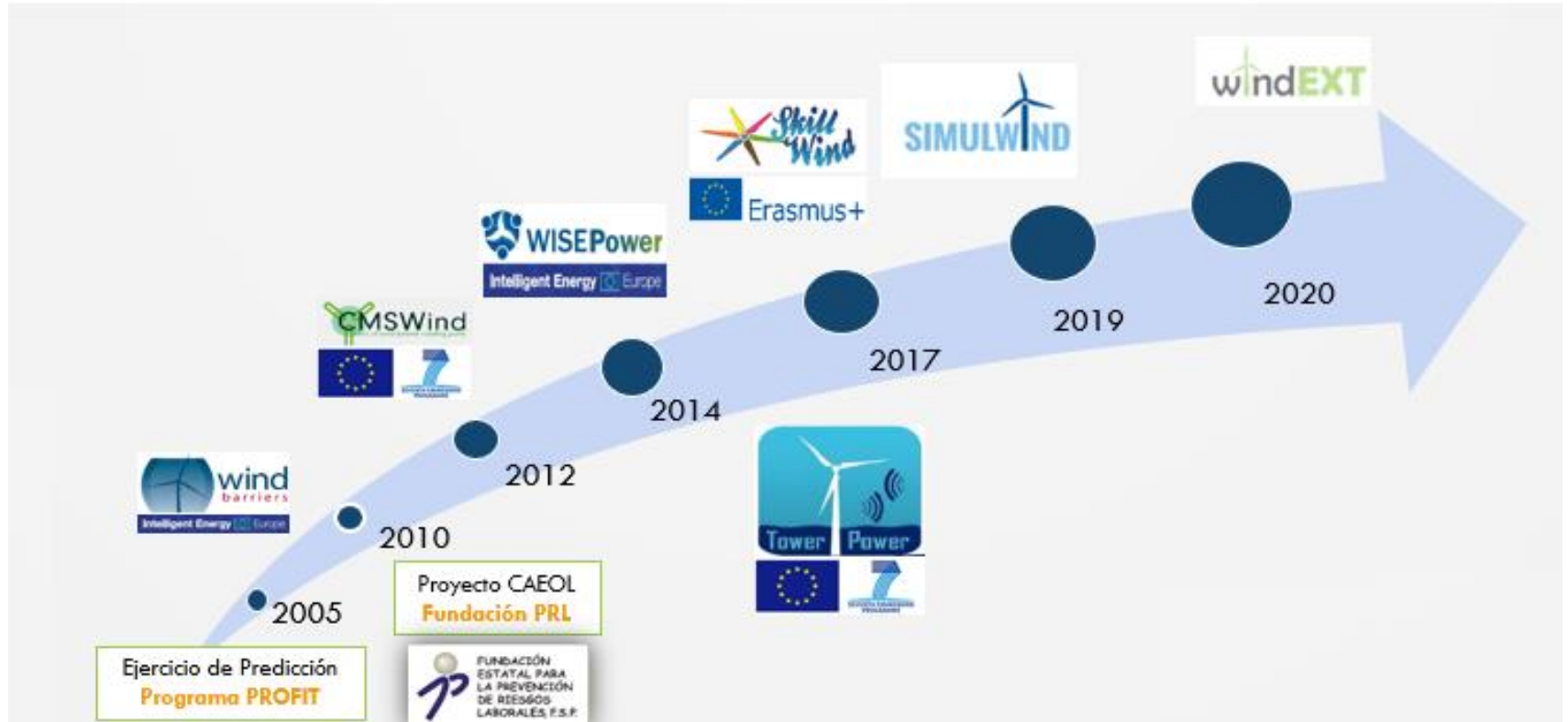
**Spanish Wind
Energy
Association**
vcampos@aeeolica.org

Description of the Organization



- The Spanish Wind Energy Association (AEE) is a non-profit organisation, founded in 2002 that promotes the use of wind energy in Spain, Europe and worldwide. It has more than 200 members representing 90% of the sector in Spain, including wind farm developers, wind turbine manufacturers, components manufacturers, national and regional associations, organizations related to the sector, consultants, attorneys and financial institutions, among others.
- AEE has participated in several European and National Projects, assuming coordination, dissemination and technical functions in project consortiums related with wind energy, which have been awarded in H2020 and Erasmus+ calls.

Description of the Organization



Description of the Organization

- AEE coordinates since 2005 the Secretariat of the Spanish technological platform of the wind sector (REOLTEC), which promotes the research, development and innovation actions that answer the Spanish wind energy sector requirements. The mission of this technological platform is to coordinate the R&D actions among wind industry, Academia, Research Centers and Public Administration, to identify the innovation priorities of the wind sector and obtain a better use of resources and funding for innovative projects. It has now a total of 120 members coordinated by the Board with representatives of the above mentioned stakeholders.

Description of your research interest

The main interest of this proposal is to identify the social and environmental constraints for on shore and offshore wind farms, modelling the interaction between the different agents and proposing specific solutions to overcome the barriers which could jeopardize wind projects, either new or repowered plants, and creating follow up mechanisms of the implemented means.

For offshore projects attention will be concentrated on floating projects, considering that in many countries there is not continental platform, as for instance it exists in the Baltic and North seas, whose main difference is that be installed further away of the shore if compared with bottom fix projects.

Project Idea

HORIZON-CL5-2021-D3-03-05: Wind Energy in the natural and social environment

- Objectives:
 - To model the natural and social environment to facilitate the implementation of new and repowered wind farms.
 - To propose different social and technical solutions to overcome the potential barriers.
 - To identify the follow up mechanisms based on models and simulator developed in the project.
- Expected results:

Even if the project deals with on and offshore projects, special attention will put on floating solutions. This is because offshore wind farms are not yet developed in Southern European countries, and **it is then necessary to learn more about the potential impacts and the social answer**, especially in the installation of floating windfarms, because there is little experience at worldwide level. Additionally, the social reaction, quite scarce until now is starting to grow in different countries and **it is necessary to progress in finding new approaches to evaluate positive impacts** and to show in the windfarms surrounding areas.

Consortium - profile of known partners *(if any)*

No	Partner Name	Type	Country	Role in the Project
01				
02				
03				
04				
05				
06				

Consortium - required partners

No	Expertise	Type	Country	Role in the project
----	-----------	------	---------	---------------------

01

02

03

04

05

06

We would like to reinforce the consortium with owner and asset managers of off-shore windfarms as well as with research centers to carry out the modeling exercise.

NGOs that are dedicated to the protection of birds and fauna. Universities specialized in environmental impact studies ...



This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir

Victoria Campos

AEE

Spain

+34 917 451 276

vcampos@aeeolica.org

www.aeeolica.org

