

**Public**

## **Environmental and Social Data Sheet**

### **Overview**

Project Name: WIND TECHNOLOGY RDI  
Project Number: 2020-0376  
Country: SPAIN, DENMARK  
Project Description: The project comprises the promoter's Research, Development and Innovation (RDI) activities in the field of on-shore wind power generation technologies and related services, carried out primarily in Spain and to a minor extent in Denmark in the period 2020-23

EIA required: no

Project included in Carbon Footprint Exercise<sup>1</sup>: no

### **Environmental and Social Assessment**

#### **Environmental Assessment**

Research and development activities on Wind Turbine Generators (WTGs) technologies and associated services are not listed in any of the annexes of the Environmental Impact Assessment (EIA) Directive 2014/52/EU amending the Directive 2011/92/EU. The financed activities will be carried out in already-authorized and existing facilities that will not change their scope due to the project; prototypes will be tested in dedicated test facilities and pilot installations will be installed in existing sites already covered by environmental authorisations. Therefore, the project does not require any additional environmental permits.

#### **Other Environmental and Social Aspects**

Environmental and social sustainability is embedded into the company's management procedures; all manufacturing plants are certified according to the ISO 14001 standard to prevent and control environmental risks. The promoter quantifies and documents the significant life cycle impacts of their products and operations (manufacturing, installations, services) by performing Life Cycle Assessments (LCAs) in accordance to the ISO 14040 series of standards and applicable Product Category Rules (PCRs).

The project will help to enhance the performance of the promoter's products and to reduce the LCoE (Levelised Cost of Energy), thus supporting the further development of an important renewable energy technology; as such, the project is expected to have positive effect on the environment.

<sup>1</sup> Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO<sub>2</sub>e/year absolute (gross) or 20,000 tonnes CO<sub>2</sub>e/year relative (net) – both increases and savings.

Luxembourg, 23 September 2020

The promoter's wind turbines are eco-design certified according to the ISO14006:2011, to testify their minimal environmental impact, energy efficiency and costs of energy throughout all the stages of their life cycle, including design, raw materials and components procurement, manufacturing, delivery, installation, operation, maintenance and dismantling.

The promoter measures its direct and indirect emissions on an annual basis according to the requirements set forth in ISO 14064-1. The GHG emissions inventory is published in the promoter's GHG emissions report, which is verified by a third party and made externally available.

## **Conclusions and Recommendations**

In the light of the above, the project is acceptable for EIB financing in E&S terms.