

環境チェックレポート

(1) プロジェクト名

洋上風力発電プロジェクト

(2) 実施場所

フランス共和国 ペイ・ド・ラ・ロワール地域圏

(3) プロジェクト概要

洋上風力発電所の建設・運営事業

(4) カテゴリ分類

カテゴリ A

(5) カテゴリ分類の根拠

本事業は、環境ガイドラインに掲げる影響を及ぼしやすいセクター（送変電・配電（海底送電線を伴うもの））に該当し、環境ガイドラインに掲げる影響を受けやすい地域あるいはその近傍に立地するため。

(6) 環境許認可

フランス共和国制度に基づき、ESIA が作成され、2021年6月までに Prefectures de Vendée が主導する本プロジェクトの ESIA 評価委員会より本プロジェクトに必要な環境許認可について付帯条件付ですべて取得済である。

(7) 汚染対策

大気汚染物質は発生せず、騒音・振動の影響も予見されない。水質、廃棄物に対して、適切な措置が講じられている旨、確認されている。

(8) 自然環境面

洋上風力発電所及び海域送変電施設に関し、プロジェクトサイトは保護区内に立地していない。陸域送変電施設は保護区を2ヶ所通過するものの、自然環境面への影響に対して、適切な対策が講じられる計画である旨、確認されている。

(9) 社会配慮面

工事期間中は、漁場の一時的喪失による漁業者の生活・生計への影響が懸念される。事業者は専門機関による事前調査を基に漁業関係者への補償計画を策定し、当局からの承認を得た上で、必要に応じて金銭補償をする予定。送電線敷設ルート及び変電所は、住居や建物を避けており、本プロジェクト実施に伴う非自発的住民移転は発生しない旨、確認されている。

(10) 適用国際基準

IFC パフォーマンススタンダード

(11) その他・モニタリング

上述の環境レビュー結果を踏まえ、環境許認可に係る付帯条件の遵守状況及び漁業者への補償状況等についてモニタリングを実施する予定。

以 上

Questions

Q1. Please provide the address of the project site.

Address of the project site : Off the coast of the Pays de la Loire, France

Q2. Please provide a brief explanation of the project.

The project aims to develop, build and operate a 488 MW offshore windfarm composed of 61, 8MW turbines. The turbines will be installed on foundations fixed to the seabed. Inter- array cables will link all wind turbines to an offshore substation from where the power will be exported to shore using 2 export cables developed by the national grid operator (RTE). At the end of the production period, the project will dismantle the windfarm.

Q3. Is it a new project to be implemented or a project that has been implemented? If it has been implemented, has it received a serious complaint from local residents or a directive for improvement, a stop-work order, a project suspension order, etc., from a local environmental authority?

- New project to be implemented
- Project that has been implemented (with a complaint)
- Project that has been implemented (without a complaint)
- Other ()

Q4. Do the laws or regulations of the country where the project will be implemented require the project to conduct environmental and/or social impact assessments (such as an Environmental and Social Impact Assessment (ESIA) and Environmental Impact Assessment (EIA))? If so, have they been conducted or planned?

- Required (Assessments done)
- Required (Assessments in progress or being planned)
- Not Required
- Other ()

Q5. If environmental and/or social impact assessments have been conducted, have they been approved in accordance with the environmental and social impact assessment system of the country where the project will be implemented? If so, please also specify the date of the approvals and the name of the authorities.

- Approved (without condition(s))
- Approved (with condition(s))
- Under approval process
- Other ()

Date of Approvals : October 29th, 2018

Name of Authorities : Prefectures de Vendée (DDTM85)

Q6. Are there any environmental permits required other than environmental and/or social impact assessments? If so, have they been obtained? Also, if required, please specify the name of the permits.

- Obtained
- Required, but not obtained yet
- Not required
- Other ()

Name(s) of required permit(s) :

-Arrêté préfectoral n°18-DDTM85-721 du 29 octobre 2018 autorisant, au titre de l'article L.214-3 du code de l'environnement, l'aménagement et l'exploitation du parc éolien en mer des îles d'Yeu et de Noirmoutier

-Arrêté préfectoral n°18-DDTM85-722 du 29 octobre 2018 autorisant, au titre de l'article L.214-3 du code de l'environnement, la création d'une base de maintenance pour le parc éolien en mer à

l'Herbaudière sur la commune de Noirmoutier en l'île
-Arrêté préfectoral n°18-DDTM85-723 du 29 octobre 2018 autorisant, au titre de l'article L.214-3 du code de l'environnement, la création d'une base de maintenance pour le parc éolien en mer à Port-Joinville sur la commune de l'île d'Yeu
-Arrêté préfectoral n°18/DDTM85/782 portant octroi d'une autorisation de destruction et de perturbation intentionnelle de spécimens d'espèces animales protégées relatives au parc éolien en mer au large des îles d'Yeu et de Noirmoutier
-Arrêté préfectoral 2018-DDTM-SGDML-UGPDPM n°724 du 29 octobre 2018 confirmé par l'arrêté préfectoral 2018-DDTM-SGDML-UGPDPM n°788 le 13 décembre 2018, approuvant la convention de concession d'utilisation du domaine public maritime en dehors des ports établie au profit de la Société EMYN pour l'installation d'éoliennes de production d'électricité en mer
-Donner acte du préfet de Vendée en date du 18 juin 2021 concernant le changement de fondations, de protection des câbles et la suppression du mât de mesures.

Q7. Will the project be specified after JBIC made a funding commitment (as in the case of a two-step loan, where sub-projects cannot be specified at the time of a funding commitment)?

No

If "Yes", please disregard the following questions.

If "No", please go to Q8.

Q8. Will JBIC's funding be used to serve as support for international balance of payments or to be used for the provision of goods or services that does not involve installation or implementation in particular sites or regions, as in the case of export/import or lease of machinery or equipment that is not connected with a particular project?

No

If "Yes", please disregard the following questions.

If "No", please go to Q9.

Q9. Are there any environmentally sensitive area(s) shown below in or near the project site(s)?

Yes

If "Yes", please mark the applicable items and go to Q10.

If "No", please go to Q10.

- (1) National parks, nationally-designated protected areas (coastal areas, wetlands, areas for ethnic minorities or indigenous peoples, and cultural heritage, etc., designated by national governments)
- (2) Forests with important ecological value (including primary forests and natural forests in tropical areas)
- (3) Habitats with important ecological value (including coral reefs, mangrove wetlands, and tidal flats)
- (4) Habitats of rare species requiring protection under domestic legislation, international treaties, etc.
- (5) Areas in danger of large-scale salt accumulation or soil erosion
- (6) Areas with a remarkable tendency towards desertification
- (7) Areas with unique archaeological, historical or cultural value
- (8) Areas inhabited by ethnic minorities, indigenous peoples, or nomadic peoples with traditional ways of life (including areas which are used for cultural and spiritual purposes) and other areas with special social value

No environmental area is known on site. They are near or on the shore. 25 European environmental zone (Natura 2000) are around (marine mammals, birds, bats, migratory fish, habitats), 9 are closer to the windfarm (~20km). A small surface of two Natura 2000 site is concerned by the two maintenance bases on shore. No

effects on those areas are expected (a special incidence study was done for European Union).

Q10. Does the project involve the following characteristics?

No

If "Yes", please specify their scale and go to Q11.

If "No", please go to Q12.

- (1) Involuntary resettlement or loss of means of livelihood (Number of affected people: _____)
- (2) Groundwater pumping (Scale: _____ m³/year)
- (3) Land reclamation, land development, and land clearing (Scale: _____ ha)
- (4) Logging (Scale: _____ ha)

Q11. Under the environmental and social impact assessment system of the country where the project will be implemented, do the applicable characteristics (1) – (4) of Q10 above and their scale serve as the basis for executing an ESIA for the project?

- Yes, they do
- No, they do not
- Other (_____)

Q12. Is the project likely to have a significant social impact, including human rights?

No

If "Yes", please describe the impacts and go to Q13.

If "No", please go to Q13.

- Likelihood of a significant impact on human rights (_____)
- Other (_____)

Q13. Will JBIC's funding or NEXI's insurable value be equal to or less than 5% of the total project cost, or will JBIC's funding or NEXI's insurable value be equal to or less than SDR 10 million? (If the funding or insurable value is additional to a project that has been supported by JBIC or NEXI, please add up the previous funding or insurable value and the funding or insurable value being considered to apply for this time.)

No

If "Yes", please disregard the following questions.

If "No", please go to Q14.

Q14. Is the project for capital investment or working capital in a project that has been implemented and does it involve no material change in output or function (as in the case of maintenance of the existing facilities, non-expansive renovation project, and acquisition of rights and interests without additional capital investment)?

No

If "Yes", please disregard the following questions.

If "No", please go to Q15.

Q15. Is the project in any of the following sectors?

Yes

If "Yes", mark the applicable sectors and go to Q16.

If "No", please disregard the following question.

- (1) Mining
- (2) Oil and natural gas development
- (3) Pipelines
- (4) Iron and steel (projects that include large furnaces)
- (5) Non-ferrous metals smelting and refining
- (6) Petrochemicals (manufacture of raw materials; including complexes)
- (7) Petroleum refining
- (8) Oil, gas, and chemical terminals
- (9) Paper and pulp
- (10) Cement plants (including a greenfield quarry)
- (11) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (12) Thermal power
- (13) Nuclear power
- (14) Hydropower, dams, and reservoirs
- (15) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging, or submarine electrical cables
- (16) Roads, railways, and bridges
- (17) Airports
- (18) Ports and harbors
- (19) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (20) Waste management and disposal
- (21) Agriculture involving large-scale land-clearing or irrigation
- (22) Forestry
- (23) Tourism (construction of hotels, etc.)

Q16. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.). In addition, please explain whether an environmental and/or social impact assessment is required on account of the large scale of the project in the country where the project will be implemented.

Project Site: Iles d'Yeu et de Noirmoutier, Pays de la Loire

Project Area : 112 km²

The ESIA was required by authorities to obtain the concession agreement.