

EFSI Operation Scoreboard¹

| PROJECT PRESENTATION | |
|---|--|
| <u>Project name</u> | ARCADIS OST I OFFSHORE WIND GREEN ENERGY LOAN |
| <u>Promoter and financial intermediary</u> | PARKWIND |
| <u>Country of implementation</u> | Germany |
| <u>Summary project description</u> | <p>The Project concerns a 257 MW offshore wind farm, comprising 27 wind turbines with a unit capacity of 9.5 MW located in German territorial waters. In addition, the Project comprises the inter-array cabling at 35 kV level and a 35/220 kV offshore substation. It will apply monopile foundations for both turbines and offshore substation.</p> <p>A cable from the offshore substation to an offshore switchyard belonging to the existing marine grid connection system will be implemented by the regional transmission system operator, outside the scope of the Project.</p> <p>The assets will be financed on a non-recourse project finance basis.</p> |

¹ This Scoreboard of indicators reflects the information presented to the EFSI Investment Committee (IC) for its decision on the use of the EU guarantee for this operation. Therefore, the document does not take into account possible developments that could have occurred after this decision.

Parts of this document that fall under the exceptions for disclosure defined by the EIB Group Transparency Policy, notably under articles 5.5 (protection of commercial interests) and 5.6 (protection of the Bank's internal decision-making process), have been replaced by the symbol [...].

PROJECT PILLAR ASSESSMENT

Pillar 1

| Contribution to EU policy | | High |
|---|--|---------|
| Cross-cutting objectives | | |
| EIB Cohesion Priority Regions / Economic and Social Cohesion | | 100.00% |
| Climate Action | | 100.00% |
| EFSI | | |
| Contribution to EFSI | | 100.00% |
| EFSI: Development of the energy sector in accordance with the Energy Union priorities | | 100.00% |
| Expansion of the use or supply of renewable energy | | 100.00% |

Pillar 2

| Quality and soundness of the project | | Good |
|--------------------------------------|--|-------|
| 1. Growth | | [...] |
| 2. Promoter capabilities | | [...] |
| 3. Sustainability | | [...] |
| 4. Employment | | [...] |

This pillar evaluates the quality and soundness of the operation. This pillar is composed of up to four indicators, as relevant, among which:

- (i) "Growth" i.e. for example and where relevant the economic rate of return ('ERR'), which considers the project's socioeconomic costs and benefits, including its spillover effects;
- (ii) "Promoter capabilities" i.e. the capacity of the promoter/intermediary to implement the project and create the expected impact at the [final] beneficiary level;
- (iii) "Sustainability" i.e. environmental and social sustainability²;
- (iv) "Employment" i.e. the project's direct employment effect;
- (v) "Increasing access to finance and improving financing conditions including for final beneficiaries".

Pillar 3

| EIB Technical and financial contribution to the project | | Moderate |
|---|--|----------|
| 1. Financial contribution | | [...] |
| 2. Financial facilitation | | [...] |
| 3. Advice | | [...] |

This pillar measures the EIB's particular contribution to the project and its financing scheme in the form of financial and non-financial benefits which go beyond what commercial players would normally be able to offer. This dimension of value added is assessed through up to three indicators:

- (i) "Financial Contribution" i.e. improving the counterpart's funding terms compared to market sources of finance (interest rate reduction and/or longer lending tenor);
- (ii) "Financial Facilitation" i.e. helping to attract private financiers (for example through positive signaling effects), promoting synergies in co-financing with other public sources of funds including National Promotional Banks or EU financial instruments;
- (iii) "Technical Contribution and Advice" i.e. providing advice with a view to optimizing the financing package (financial structuring), or technical advisory services in the form of expert input / knowledge transfer - provided in-house by the EIB or in the form of assignments to external consultants - to facilitate the preparation or implementation of a project.

² For additional information on the EIB's assessment of the project's environmental and social aspects, please refer to the project's Environmental and Social Data Sheet (ESDS) published on the EIB website.

Pillar 4 - Complementary indicators

Additionality

In line with the EFSI objective to the development of the energy sector in accordance with the EU priorities and namely, the expansion of the use or supply of renewable energy, the operation is addressing an anticipated gap in terms of availability of affordable and adequate long-term financing for offshore wind farms in Germany. This will contribute to the transition of electricity generation in Germany away from fossil fuels and contribute to German and EU climate transition objectives. As a renewable energy project, the operation will fully contribute to the Climate Action objectives of the EIB. Equally the operation will address the objective of supporting less-developed regions and transition regions as the operation will be fully deployed near the shore of a Cohesion region. The operation will thus also contribute to the Union priorities on convergence and social cohesion, helping reduce regional disparities by supporting investment.

The proposed operation addresses a market failure and suboptimal investment situation in the renewable energy sector related to the complexity and high risks in the sector and the insufficient long-term funding available from commercial banks. By providing a long tenor the EIB financing will be addressing this market gap. Low-carbon power and heat projects reduce carbon and air pollution externalities. Secondly, innovative low-carbon technologies increase learning-by-doing and thus drives down costs over time, representing a positive externality.

The project is expected to be classified under the EIB Special Activities category, in particular taking into account that the envisaged EIB financing with EFSI support will be a non-recourse project financing. Equally, the operation has been designed with several novel features for the offshore wind sector which will represent significant technology as well as construction risk. The EIB would not be able to provide such type of financing support during the period in which the EU guarantee can be used, or not to the same extent, without EFSI.

The availability of large and affordable long-term debt financing from the EIB will contribute to the operation's viability since the EIB, acting as a cornerstone financier of this project, will contribute to the crowding-in of other lenders into the financing structure and to a timely financial close, in particular given the uncertainties created by the Covid-19 pandemic. It is expected that one or more export credit agencies will participate in the financing of the project.

Set of indicators related to the macroeconomic environment

Germany - Economic environment

Economic Performance

| | DE 2018 | EU 2018 | US 2018 | DE 2001-2007 |
|---|------------|------------|------------|-----------------|
| GDP per capita (EUR, PPS) | 37,956.14 | 30,935.11 | 43,569.11 | 33,490.42 |
| GDP growth (%) | 1.43 | 1.97 | 2.86 | 1.40 |
| Potential GDP growth (%) | 1.63 | 1.60 | 2.24 | 1.32 |
| Output gap (% of potential GDP) | 0.69 | 0.62 | 0.74 | -0.17 |
| Unemployment Rate (%) | 3.30 | 6.60 | 3.90 | 9.43 |
| Unemployment Rate (%) - Y/Y change (% points) | -0.30 | -0.60 | -0.20 | 0.06 |
| Bank-interest rates to non-financial corporations (%) | 1.02 | 1.26 | -- | 4.11 |
| Bank-interest rates to non-financial corporations (%) - Y/Y change (% points) | -0.13 | -0.06 | -- | -0.04 |
| Investment rate (GFCF as % of GDP) - Total | 20.77 | 20.54 | 20.84 | 19.91 |
| Investment rate (GFCF as % of GDP) - Public | 2.33 | 2.86 | 3.31 | 2.05 |
| Investment rate (GFCF as % of GDP) - Private | 18.44 | 17.68 | 17.53 | 17.87 |

Energy

| | 2014 | 2015 | 2016 | 2017 | EU (latest available) |
|--|--------|--------|--------|-------|--------------------------|
| Energy consumption from renewables (%) | 14.42 | 14.92 | 14.89 | 15.45 | 17.53 |
| Energy consumption from renewables - distance to EU 2020 target (%) | 3.58 | 3.08 | 3.11 | 2.55 | 2.47 |
| Energy dependence (%) | 61.60 | -- | -- | -- | 53.50 |
| Primary energy consumption (consumption in 2005 =100) | 91.80 | 92.30 | 93.20 | -- | 90.00 |
| Energy intensity of the Economy (kg of oil equivalent per 1 000 EUR) | -- | -- | -- | -- | 141.83 |
| Primary energy consumption (Million Tonnes of Oil Equivalent) | 291.10 | 292.70 | 295.80 | -- | 1,542.70 |
| Primary energy consumption (Million Tonnes of Oil Equivalent) - distance to EU 2020 target | 14.50 | 16.10 | 19.20 | -- | 59.70 |

General Sector Indicators

| | 2014 | 2015 | 2016 | 2017 | EU (latest available) |
|---|------|------|------|------|--------------------------|
| Value added in Electricity, gas, steam and air conditioning supply (% of total VA) | 1.78 | 1.65 | 1.65 | 1.60 | 1.82 |
| Employment in Electricity, gas, steam and air conditioning supply (% of total employment) | 0.60 | 0.58 | 0.57 | 0.57 | 0.54 |

- Country average for "GDP per capita (EUR, PPS)" is calculated in real terms

- EU value for "Bank-interest rates to non-financial cooperations" corresponds to Euro Area average; Country average is the simple average between 2003 and 2007

- The EU value is displayed as the value in the year that corresponds to the latest value of the indicator in a particular country

Other indicators³

| Key project characteristics | Expected value at PCR |
|--|---|
| Start of works | 01.04.2022 |
| End of works | 31.03.2024 |
| Project investment cost [MEUR] | 672.48 MEUR |
| EIB/EFSI eligible investment mobilised [MEUR] | 605.80 MEUR |
| External EFSI multiplier | 1.95 |
| External EIB (non-EFSI) multiplier | |
| Amount of private financing [MEUR] | 222.48 MEUR |
| Quick start (% of expenditure during 2015-2018) [%] | |
| Co-financing with national promotional banks [MEUR] | 0.00 MEUR |
| Co-financing with structural funds (ESIF) [MEUR] | 0.00 MEUR |
| Co-financing with other EU instruments (i.e. Horizon 2020, Connecting Europe Facility, etc) [MEUR] | |
| Energy efficiencies realised [MWh/a] | 0.00 MWh/a |
| Climate Action indicator | 100.00% Mitigation - Renewable Energy (transversal) |
| Employment during construction - temporary jobs [person years] | 1,800 person years |
| Employment during operation - new permanent jobs [FTE] | 50 FTE |

³ For additional information on the EIB's assessment of the project's environmental and social aspects, please refer to the project's Environmental and Social Data Sheet (ESDS) published on the EIB website. The abbreviation PCR stands for Project Completion Report. If applicable, a difference between the amount of Project investment costs and EIB/EFSI eligible investment mobilized might derive from the fluctuation of the underlying exchange rate.