

Luxembourg, 9 October 2018

**Public**

## **Environmental and Social Data Sheet**

### **Overview**

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| Project Name:  | NOORDWEST HOSPITAL   |
| Project Number:  | 2018-0409  |
| Country:   | Netherlands  |
| Project Description:   | The project supports the 2018-2022 investment plan of the Noordwest hospital, a regional hospital located in Alkmaar, Den Helder and Heerhugowaard, in the Dutch region of Noord Holland. The investments during the period consist mainly of the phase 1 of the construction and equipment of a new hospital in Alkmaar, the renovation of the location in Den Helder and the investment in a new electronic medical record system. |
| EIA required:  | yes  |
| Project included in Carbon Footprint Exercise <sup>1</sup> : | no   |

### **Environmental and Social Assessment**

#### **Environmental Assessment**

The project supports the development plan of Noordwest Hospital and it consists of the construction of a new hospital in Alkmaar, the rehabilitation of the hospital in Den Helder, the acquisition of medical equipment and the implementation of the new electronic medical records system.

Hospitals and related facilities are not specifically mentioned in the EIA Directive 2011/92/EU as amended by 2014/52/EU on Environmental Impact Assessment (EIA), though the project is covered by Annex II of the Directive in relation to urban development.

The new construction in Alkmaar location consists of partially using grounds of 'Alkmaarderhout', which is an urban park /landscaped area next to the hospitals grounds and an EIA is required. The park does not hold a specific habitat designation. According to the promoter, the current plan does not interfere disproportional with amenity value, user function, and coherent structure of the park. Moreover, compensation and mitigation is possible and flora will be compensated on other hospital ground to assure the quality of 'Alkmaarderhout'. The rehabilitation works in Den Helder location will take place in the existing hospital grounds, which should be covered by existing land use plans and therefore the promoter does not expect that an EIA will be required for this sub-project.

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<sup>1</sup> Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO<sub>2</sub>e/year absolute (gross) or 20,000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.

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One part of the project consists of the construction of a new hospital complying with the Netherlands' proposed standards of nearly zero-energy buildings and is expected to have positive environmental and social impacts. Overall, expected primary energy savings as compared to the baseline scenario are estimated at 430 MWh/year (a 30% reduction vs. the baseline, defined by the existing regulation)

## Conclusions and Recommendations

Overall, the modernisation of existing buildings as well as the construction of new facilities will improve hygiene and safety conditions. Due to the use of new materials and technologies, the new and modernised buildings will increase the overall energy efficiency. By enabling a better cooperation among the various bodies within the hospital, the project will enable the introduction of better and more cost effective methods for medical treatment and includes beneficial elements in terms of social cohesion and protection.

Due to the partial use of 'Alkmaarderhout' grounds, an EIA is required for the new hospital in Alkmaar.

One part of the project consists of the construction of a new hospital complying with the Netherlands' proposed standards of nearly zero-energy buildings and is expected to have positive environmental and social impacts. Overall, expected primary energy savings as compared to the baseline scenario are estimated at 430 MWh/year (a 30% reduction vs. the baseline, defined by the existing regulation)

### Condition of disbursement:

For each disbursement until the promoter has provided a copy of the development consent and either the EIA screening out decision by the Competent Authority or a copy of the full EIA document for the new hospital building in Alkmaar, the promoter shall provide evidence to the satisfaction of the Bank that no expenditure has been made for the new construction works related to the new hospital building in Alkmaar.

### Undertaking:

The promoter undertakes to submit to the Bank the Environmental Impact Assessment as per Directive 2011/92/EU as amended by 2014/52/EU, for any capital investments of the project requiring an EIA.

Phase 1 of the new hospital in Alkmaar will comply with the future NZEB in the Netherlands regulation for health care buildings and the corresponding climatic zone.

An Energy Manager and energy management system shall be in place to meter and follow up real energy consumption in the buildings.

The final Energy Simulations of the building will be transmitted to the Bank, and will be in line with the pre-committed energy levels of the technical annexes, ensuring that the buildings will be considered as NZEB by the regulation.

In light of the above, the overall environmental and social rating of the project is therefore considered acceptable for the Bank's financing.

PJ/SQM/ECSO 29.08.2018