

## Environmental and Social Data Sheet

### Overview

Project Name: *CEPS TRANSMISSION GRID*  
Project Number: *2014-0245*  
Country: *Czech Republic*  
Project Description: *The Project covers a 2014-2018 investment programme for the modernisation and extension of the electricity transmission network in the Czech Republic. The programme includes the installation of Phase Shifting Transformers at the 400 kV substations of Hradec, the doubling of the 400 kV line Výškov Cechy Stred and a new 400 kV substation in Vernerov. The remainder of the programme mainly relates to reinforcement, refurbishment or uprating of existing electricity transmission equipment.*

EIA required: yes, for the following sub-project:

- Doubling of the existing 400 kV overhead line Výškov – Čechy Střed

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

(details for projects included are provided in section: “EIB Carbon Footprint Exercise”)

### Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The programme comprises 23 sub-projects that relate to investments in extra high voltage networks and substations as well as to modernisation of control and protection systems.

One sub-project (doubling of the existing 400 kV overhead line Výškov – Čechy Střed) falls under annex I of the EIA Directive (2011/92/EU). A full EIA was carried out and the EIA consent was granted by the competent authority for nature and environment.

The environmental impact analyses carried out along with the conclusions of the EIA consent indicate that, subject to the implementation of specified mitigation measures and conditions, the programme would neither have significant adverse effects on the environment nor adversely affect the integrity of any European site in view of the site's conservation objectives.

Given their characteristics and the screening performed by the competent authority, none of the remaining sub-projects are expected to require an EIA or adversely affect the integrity of any European site of nature conservation. Overall the environmental impacts of the remaining sub-projects are expected to be modest and mainly relate to noise, dust and vibrations during construction.

Based on the environmental information provided by the promoter, the programme is acceptable for Bank financing in environmental terms.

---

<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.

## Environmental and Social Assessment

### Environmental Assessment

#### Design phase

The new 400 kV line Výškov – Čechy Střed will partly use the same route as the current overhead line (from pylon 88 to 218 and 250 to Čechy Střed). On the other sections (from pylon 1 to 88 and 218 to 250), the route is expected to run parallel with existing 400 kV or 220 kV overhead lines. Following the recommendation of the competent authority for nature and environment, the routing of the line from pylon 211 to pylon 215 has been modified in order to minimise the environmental and social impact. Regarding the sub-projects relating to works in substations, contamination from oil leakage of transformers is mitigated through the appropriate design of bunds.

#### Construction and operation

No significant impacts have been identified. During construction, the environmental impacts are expected to relate to dust, noise, vibrations and vegetation clearance. Environmental impacts during operation will concern electromagnetic fields (EMF), noise disturbance, vegetation clearance, and impact on flying vertebrates. Appropriate mitigation measures will be implemented to minimise impacts according to the conditions expressed in the EIA consent or screening-out decisions of the competent authority for nature and environment. This includes measures to contain the effect of noise during operation, protection of vegetation, compensatory plantings, coordination with local authorities and property owners as well as specific measures for cable transport where protected plants or species are involved or across watercourses. In densely populated areas, particular attention will be paid to contain the effect of noise during the construction works.

### Public Consultation and Stakeholder Engagement

The new 400 kV line Výškov – Čechy Střed has been subject to a public consultation including a public hearing. The minutes of the public hearing have been published on the public register of the competent authority for nature and environment.

### Conclusion

The Bank will require the promoter not to allocate the Bank's funds to the distribution programme components that require an Environmental Impact Assessment (EIA) until the EIA with the integrated biodiversity assessment has been finalized, approved by the competent authority and sent for review to the satisfaction of the Bank together a declaration by the competent authority, to indicate the compliance with the provisions of the EU Habitats and Birds Directives.

The promoter undertakes to take into account and implement conditions expressed in any screening-out decision or EIA consent granted by the competent authority for nature and environment.

The promoter undertakes to store and keep updated any documents as may be relevant for the project supporting the compliance with the provisions of the EU EIA, Habitats and Birds Directives, and shall upon request promptly deliver such documents to the Bank.