



Luxembourg, 6 September 2023

Environmental and Social Completion Sheet (ESCS)

Overview

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| Project Name: | S5 EXPRESSWAY (BYDGOSZCZ-WROCLAW) |
| Project Number: | 20120670 |
| Country: | Poland |
| Project Description: | Construction of four sections of the S5 expressway (Bydgoszcz- Poznań-Wroclaw), and one section of the S11 expressway (Poznań western bypass) |

Summary of Environmental and Social Assessment at Completion

EIB notes the following Environmental and Social performance and key outcomes at Project Completion.

The project consists of the construction and upgrading of 116.2 km of dual carriageway 2x2 expressway, including four sections of S5 and one section of the S11 expressway (western bypass of Poznań). Main features of each section are presented in the table below.

| No | Sections | Length (km) | Expressway |
|--------------|--|--------------|------------|
| 1 | i/c Mielno to Gniezno (i/c Łubowo) | 18.3 | S5 |
| 2 | Poznań (A2, i/c Poznań Zachód former i/c Głuchowo) to i/c Mosina former i/c Wronczyn | 15.9 | S5 |
| 3 | Lipno former i/c Radomicko to Rydzyna former i/c Kaczkowo | 28.7 | S5 |
| 4 | Rokietnica-Swadzim (western bypass of Poznań) | 5.3 | S11 |
| 5 | Korzeńsko to Wrocław Widawa | 48.0 | S5 |
| Total | | 116.2 | |

The schemes fall under Annex I of the EIA Directive 2011/92/EU and four EIA reports were done for the five sections between 2006 and 2010. In addition, a Strategic Environmental Assessment (SEA) was done for this project, including public consultation, in accordance with the (SEA) Directive 2001/42/EC. Positive environmental decisions were issued between 2007 and 2013 for all the sections.

In accordance with Polish law, the promoter undertook additional supplementary environmental procedures, necessary to support the building permit applications. Supplemental environmental decisions were issued for all sections over the period from February 2011 to June 2015.

The schemes were required to comply with the requirements of the Habitats Directive (92/43/EEC) and Birds Directive (79/409/EEC). The Competent Authorities have stated that, four of the schemes do not run through any Natura 2000 sites and hence will not have a



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significant impact on them. However, section 2, the Poznan to Wronczyn (section Zachod to Mosina) scheme passes through 1.5 km of Natura 2000 (PLB300017 and PLH 300010). Formal

declarations confirming the lack of significant impact on Natura 2000 sites signed by the Competent Authority (Form's A), were issued for sections 1, 3, 4 and 5 over the period from April 2010 to January 2016. For section 2 Form B (significant impact) was issued in December 2014 by the Regional Director for Environmental Protection in Poznań. On this section post – completion monitoring is ongoing (see Section 2 below).

After project implementation, the environmental impacts of the different sections have been subject to monitoring analyses. These post-implementation analyses started in 2013 and are still ongoing for several sections. Different monitoring activities have been undertaken in relation to noise, air pollution, water quality (surface, underground, rain), impact on species (birds, bats, snails), use of animal passages, tree and shrubs plantations, impact of the expressway as an ecological barrier, etc.

The following mitigation activities were or are being carried out:

- Section 2:
 - ✓ Between 2015 to 2021, planting trees on an area of 50 hectares in the Wielkopolski National Park.
 - ✓ Between 2013 to 2024, restoration of habitat 6510 (Natura 2000) (mowing meadows, sapper works) located in the Biedrusko Protected Landscape Area.
- Section 5:
 - ✓ Between 2014 to 2018, adaptation of the water reservoir to function as a breeding and wintering place for amphibians in a part located within Żmigródki, Żmigród commune, area of 0.9 ha (compensation for the destruction of breeding and wintering sites for amphibians).
 - ✓ Between 2014 to 2018, sowing sorrel seeds at the compensation tank for amphibians. Sorrel seeds came from the site of this plant that was destroyed as a result of the construction of the S-5 road and from meadows located in the Barycz valley to the west of Żmigród. The area for sorrel sowing was designed on the eastern side of the water reservoir with a total area of approx. 0.30 ha. (restore breeding sites for the Czerwończyka Niepierka).
 - ✓ Between 2014 to 2018, execution of two rows of blackthorn plantings, approx. 60 m long, one row at the compensation reservoir for amphibians. Blackthorn bushes, which had been removed in connection with the planned S-5 road, were used (compensation for the destruction of the barczanka site).
 - ✓ Between 2015 to 2019, improving the condition of meadows through their 5-year mowing (compensation for the destruction of fragments of 2 habitat patches Molinia meadows (6410)).
 - ✓ Between 2015 to 2019, improving the condition of meadows through their 5-year mowing (compensation for the destruction of 3 fragments of lowland habitat patches and mountain meadows extensively used (6510)).
 - ✓ Between 2017 to 2026, restoration of forest habitats by planting and maintaining them on an area of 5.57 ha, (compensation for the destruction of fragments of habitats 91E0, 91F0, 9170).
 - ✓ Between 2017 to 2018, compensation in the form of planting thorny bushes on the outskirts of MOP, compensation for the destruction of the bird's (Gąsiorka) breeding sites.

During project implementation, one appeal was put forward by the residents of the commune of Wisznia Mała. This appeal affects section 5 (sub-section 5.1 from i/c Korzeńsko to i/c



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Krościna). The residents disagree with respect to the number and parameters of the noise barriers. Several appeals against the construction permits and/or environmental decision were filled with the Ministry or at different judicial instances. Several ministries have been also involved in the appeals. Currently the case is at the Supreme Administrative Court.

Road safety audits at various stages of design, pre-commissioning, and after opening to traffic have been performed in accordance with Polish legislation. The audits were followed by recommendations that have been partially implemented. The promoter provided explanations on alternative measures, where recommendations were not followed.

Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion based on reports from the promoter, and/or inputs provided by Lenders' Supervisors and others, where applicable, that the Project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.