

Environmental and Social Data Sheet

Overview

Project Name: D1 JANOVCE-JABLONOV
 Project Number: 2012-0165
 Country: Slovakia
 Project Description: Construction of a new 18.5 km section of the D1 motorway between Janovce and Jablonov in Slovakia.

EIA required: yes

Project included in Carbon Footprint Exercise¹: 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 project was included in the strategic environmental assessment, according to Directive 2001/42/EC, carried out as part of the Operational Transport Programme 2007-2013 for Slovakia. The project is a class of development that falls under Annex I of the environmental impact assessment (EIA) Directive 2011/92/EU and subject to the full procedure. The EIA was completed in 1997 and supplemented by further assessment in 2012/2013 to address changes to the original project. Territorial Decisions and Building Permits were first issued in 2008 and reissued in 2013.

The project will divert strategic traffic away from the existing national roads in-scope of the motorway. This will lead to localised improvement in air quality, vibration, noise pollution and severance for certain communities as well as improvement in safety. The project presents the normal residual impacts for linear infrastructure and the design includes mitigation measures. Monitoring is stipulated prior, during and after construction.

No Natura 2000 sites are directly impacted although the project passes close to four sites of community interest (habitat sites) and one special protected area (bird site). In 2008 the competent authority issued a declaration that the project is not likely to have any significant negative impacts on sites of nature conservation importance. The declaration was further revised in 2011 and 2012/2013 to take account of project changes.

The project is acceptable in relation to environmental and social issues.

Environmental and Social Assessment

Environmental Assessment

Compliance with applicable Environmental Legislation

The project was originally developed prior to the requirements of the strategic environmental assessment (SEA) Directive 2001/42/EC. As part of the Operational Transport Programme 2007-2013, the project was included in the programme SEA – as approved by the Ministry of Environment in 2007.

¹ 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 CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.

The project is a class of development that falls under Annex I of the environmental impact assessment (EIA) Directive 2011/92/EU. The initial EIA was carried out prior to Slovakia's EU accession in accordance with Act no. 127/1994 Coll. An initial environmental study covering the D1 motorway between Hybe and Prešov was undertaken in 1993. In 1995 a scoping assessment for the motorway section was undertaken; this was followed by a technical study leading to the environmental report in 1996. Following stakeholder and public consultation the Final Decision was issued in March 1997. At that time a non-technical summary (NTS) of the EIA was not mandatory. The summary of the EIA was disclosed to represent the NTS.

The Territorial Decision was issued by Levoča in September 2004 and entered into force in October 2004 (Ref: SU 524/2004/Pt). This was extended until December 2008 (Ref: SU 2591/13753/07/Pt). The Building Permit (Ref: 114883/2008-2331/z.52231) was issued in November 2008, valid for two years. Construction works started in October 2009 originally as part of the public-private partnership (PPP) process. Due to the cancellation of the PPP these works were temporarily suspended. Works restarted in July 2011 as part of this project.

Changes were made to the project after the EIA 1993-1997. These included modifications to the alignment, intersections, levoča rest area and the Sibenik tunnel. A notification of change for both sections of the project – Section 1: km 0+000-km 9+000 and Section 2: km 9+000-km 18+540 – was issued by the Ministry of Environment in September 2012 according to Act No. 287/2009/Coll. The impact of the changes on the environment was assessed by the Ministry of Environment during 2012 and 2013 in accordance with the (EIA) Act no. 24/2006 Coll. No adverse impacts were expected in Section 1 and a revised Building Permit was issued in September 2013. Following a mandatory assessment of Section 2, an assessment report was published in January 2013 after public consultation, recommending additional environmental conditions in relation to construction and monitoring. A revised Building Permit for Section 2 was issued in June 2013.

The project was approved for Cohesion Fund co-financing from the European Commission.

Environmental Impacts

The project will divert strategic traffic away principally from the existing national road I/18 connecting Levoča. This will lead to localised improvements in air quality, vibration, noise pollution and severance for certain communities as well as improvement in safety.

The main residual impacts of the project are those commonly related to major new linear infrastructure. These include conversion of agricultural, natural vegetation and made lands, disturbance from construction of earthworks and structures, severance for local communities and local habitats, visual intrusion for certain receptors; and localised increases in air pollution, vibration and noise pollution for certain receptors.

Mitigation measures are stipulated for the project. These include biological revitalisation of certain sites (landscaping and rehabilitation), land reclamation, vegetation planting, noise barriers, conservation of migration corridors, animal passages under bridges, archaeological research, and financial compensation.

Biodiversity Issues

No Natura 2000 site is directly impacted by the project as defined under the Birds (2009/147/EC) and Habitats (92/43/EEC) Directives and transposed into Slovak legislation by Act No. 543/2002. There are five sites located in the vicinity of the project ranging between 100 m and 3.5 km from the project. Four are sites of Community importance (SCI): SKUEV 0105, SKUV 0107, SKUEV 0110 and SKUEV 0111; and one a special protected area (SPA): SKCHVU 051.

The project received a nature conservation declaration from the Ministry of Environment in 2008 after a screening assessment, stating that the project was not likely to have any significant negative impact on sites of nature conservation importance. Subsequently, due to a designation process identifying two new Natura 2000 sites, the project received an updated nature conservation declaration from the State Nature Conservancy in October 2011. Impacts on Natura 2000 sites were also screened as part of the notification of change to the project in

2012 including an inventory of flora and fauna in the study area. These studies, for both project sections, informed the Assessment Reports and revision of Building Permits.

Climate Change

The project involves considerable earthworks, construction of drainage and retention structures that may be vulnerable to climate change – particularly flooding risk. The project was designed to Slovak motorway standards and Eurocodes (for civil structures) with associated factors of safety. No further allowance for climate change was included in the design or construction process.

Social Assessment, where applicable

Social aspects were considered to the extent of inclusion in the planning process and environmental procedures. This included stakeholder consultations and public enquiry. The project shall comply with relevant European Directives related to health and safety of workers during construction and operation. Act No. 296/2006 transposes Directive 92/57/EEC on health and safety at temporary construction sites. Act No. 249/2011 and 251/2011 describe requirements related to road safety audits transposing Directive 2008/96/EC.

Public Consultation and Stakeholder Engagement, where required

The EIA and planning process for the project required stakeholder and public consultation. Stakeholders consulted included the Ministry of Environment, State Nature Conservancy, regional environmental office in Prešov, regional environmental office in Kosice, and district environmental offices in Poprad, Prešov and Spišska Nova Ves.

Public hearings were carried out as part of the EIA process. This included eight public meetings held in November 1996 on the initial EIA assessment report. After the notification of change to the project in 2012, the public were consulted on the changes to both project sections during 2012 and 2013. NTS for the processes in both sections were published.

Other Environmental and Social Aspects

The project Territorial Decision and Building Permits stipulate monitoring of environmental impacts prior to, during and post construction. Categories of monitoring cover flora, fauna, slope stability, surface water, ground water, noise and air quality.