

## Environmental and Social Completion Sheet (ESCS)

### Overview

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|----------------------|---|
| Project Name:        | Tangenziale Est Esterna Milano PPP  |
| Project Number:      | 2012-0008   |
| Country:             | Italy   |
| Project Description: | Construction of a new 32-km long tolled motorway (2 carriageways x 3 lanes) and ancillary works realising the eastern outer bypass of the city of Milan). |

### Summary of Environmental and Social Assessment at Completion

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

A comprehensive EIA process, including public consultations was carried out for the project and approved together with the final design by the CIPE with resolution n. 51/2011 in August 2011. Overall, 191 prescriptions and 134 recommendations were prescribed and incorporated in the project.

Some EUR 82 million of environmental measures, including noise barriers and passages for fauna, have been incorporated in the project.

At appraisal the main environmental risks were related to the potential presence of polluted sites and illegal landfills along the alignment of the road, the procedures to obtain the permit for the extension of the quarries and the finalization of agreements with local suppliers of aggregates.

The main environmental issues reported at completion are related to thirty new polluted sites found during the construction phase. Appropriate remedial works were carried out by the Contractor according to the guidelines established by the national and regional authorities to eliminate negative residual environmental impacts. Overall 92,000 tons of non-dangerous waste material, 2,600 tons of dangerous waste material and more than 3,000 tons of waste materials with asbestos were classified and disposed into the nearest legal landfills. In addition, a small surplus of 190,000 m<sup>3</sup> of excavated material was disposed in compliance with the Italian environmental legislation in force at that time.

The Promoter provided official documentation from the competent Italian Authority (form A) stating the compliance of this Project with the EU Habitat and Birds Directives. The ex post environmental monitoring activities have confirmed that the new motorway has no tangible impacts on the closest "Natura 2000" sites<sup>1</sup> as envisaged at appraisal.

No significant social issues regarding the project were reported.

At appraisal it was estimated that the project would generate as a whole 30000 tons of additional CO<sub>2</sub> emissions per average operating year which represented 12% of the baseline emission estimated at some 250000 tons. The actual CO<sub>2</sub> emissions generated by the project may be considered to be lower than predictions due to the lower levels of traffic attracted by the motorway immediately after completion. However

<sup>1</sup> The closest sites are located approximately 2.4 km away from the new road alignment: ZPS (IT-2090502 Garzaia del Parco Adda Sud) and SIC (IT-2090004 Garzaia del Mortone).

Luxembourg, 31 July 2017

it is expected that the predicted CO<sub>2</sub> emissions will be reached when the traffic will stabilise in the medium-term, from 2020 onward.

**EIB notes the following key Environmental and Social aspects to be monitored during operations:**

The following components have been regularly monitored since the start of the operation: soil, air, noise, surface and groundwater, flora, fauna and landscape. Monitoring measures will continue until October 2017 (end of ex post monitoring phase) and should be sufficient to maintain the environmental risk to acceptable levels. No particular issues have been reported during the ex post monitoring phase.

**Summary opinion of Environmental and Social aspects at completion:**

Based on the reports from the Promoter EIB is of the opinion, that the Project was implemented in line with EIB Environmental and Social Standards, applicable at the time of the appraisal.