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**Environmental Impact Report  
of Cross-Regional Highway „WEST”  
Z2 section from km 13+000 to km 15+800 in Zabrze  
(to be attached to the application for an environmental decision)**

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## SUMMARY

This study includes the Environmental Impact “Report of Cross-Regional Highway WEST” Z2 section from km 13+000 to km 15+800 in Zabrze” to be an attachment to an environmental decision application.

The road section covered by the study shall run in Zabrze on the east-west direction: from a connection with Wolności Street (13+000) to Ruda Śląska boundary.

The project shall include construction of new carriageways and shoulders, road and railway overpasses, rain-water drainage system and lightning, as well as conservation and realignment of existing utilities with construction of new ones. Some buildings shall be demolished and trees cut.

The report indicates an impact of the project, at construction and operation phases, on different components of environment. Calculations of pollutants spreading processes and noise levels for the variant under design have been performed.

For traffic volume forecasted the maximum spread of overemission of nitrogen dioxides shall be ca 190m to the north and ca 220m to the south from the Highway axis.

Thanks to noise barriers and application of soundproof windows within residential areas permitted noise levels shall not be exceed. In order to protect water and ground environment against pollution caused by rain and thaw water tight drainage systems are designed.

The project shall require some trees to be cut and garden allotments liquidated. In order to minimise harmful impact of the Highway, high and low greens are to be planted, windows exchanged and rain water treatment facilities installed.

The Cross-Regional Highway in Zabrze, the first Z2 section of which is the subject matter of this study, shall contribute to:

- improvement of transport conditions by removing transit traffic from the town centre,
- reduction of journey time from the centre of Gliwice to the Centre of Zabrze, and further to the centre of Katowice,
- better condition of utilities requiring reconstruction or modernization,
- bringing order and revaluation to some areas
- introduction of new green areas and course fulfilling insulating function for both roads and neighbouring buildings.