

RESULTS FACTSHEET

ENV05: LANDSCAPE RESTORATION

DEFINITION- OBJECTIVE

The indicator records the value and length of landscape restoration works along the Egnatia Motorway. The landscape restoration is a precondition for the alleviation of the negative effects resulting from the fragmentation of natural areas caused by a road axis, and has as an objective the ecological and aesthetic harmonization of a major infrastructure project with the environment of every area it crosses.

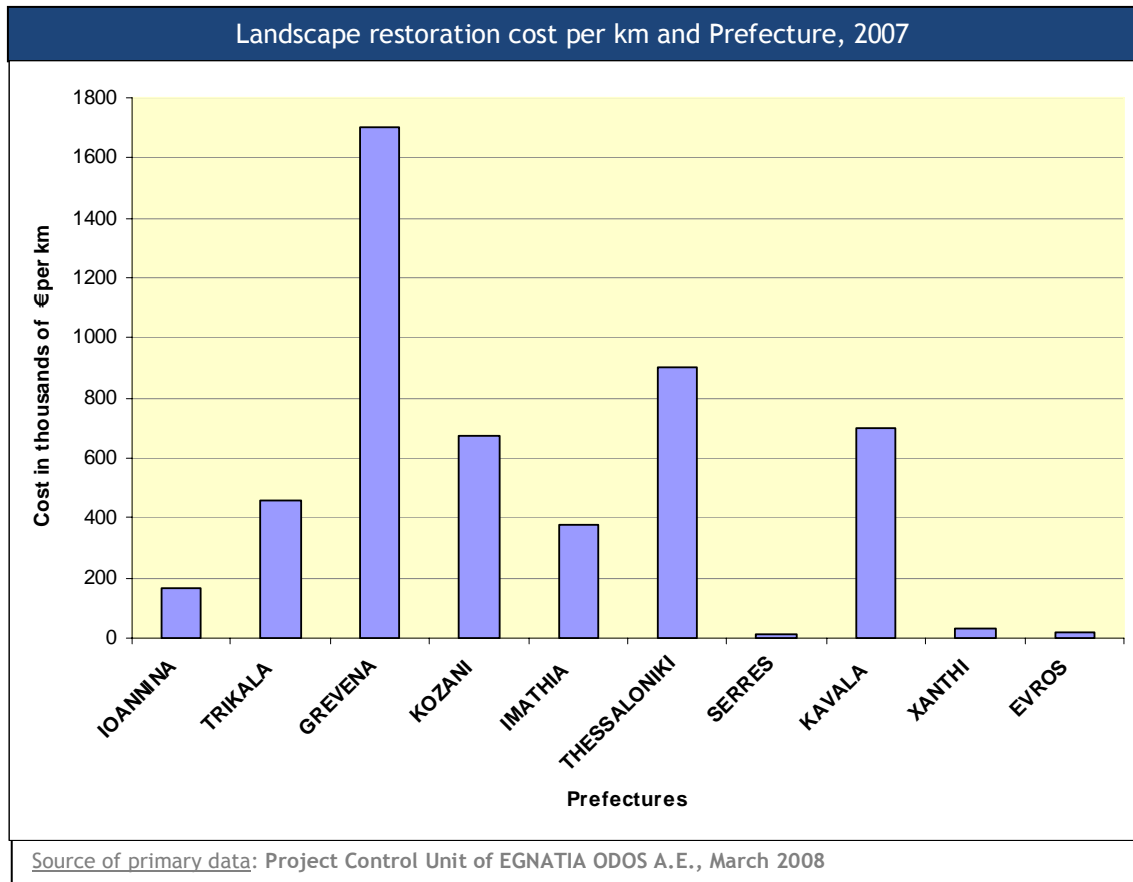
RESULTS- ASSESSMENT

The calculation of the indicator has been based on the amounts credited for landscape restoration works under the contracts concluded for the Egnatia Motorway during the year 2008. The indicator has been calculated first on the basis of the absolute amounts paid per section and Prefecture crossed by the Egnatia Motorway and second, on the basis of the ratio of money paid per km of each examined motorway section.

The indicator's data prove that the highest amounts of money paid for landscape restoration have been spent, on one hand, for sections of the Egnatia Motorway crossing areas with an intense terrain (e.g. Ioannina - Metsovo - Grevena) and, on the other hand, for sections already open to traffic where earth works are already complete (e.g. Outer Ring Road of Thessaloniki).

COST OF LANDSCAPE RESTORATION PER OPERATION & MAINTENANCE SECTION			
for the year 2008			
Section Code No.	Name of section	Cost (thous. €)	Cost per km (thous. €)
03_04	IC SELLES-TYRIA - IC DODONI	16.146	1.493
04_05	IC DODONI - IC IOANNINA	6.104	0.698
05_05A	IC IOANNINA - IC PAMVOTIDA	3.093	0.695
05A_06	IC PAMVOTIDA - IC ARACHTHOS. ZAGORI	12.693	0.695
06_06A	IC ARACHTHOS. ZAGORI - IC CHRYSOVITSA (PERISTERI)	6.214	0.697
06A_07	IC CHRYSOVITSA (PERISTERI) - IC METSOVO	5.563	0.695
07_07A	IC METSOVO - IC PANAGIA	312.53	22.337
07A_08	IC PANAGIA - IC AGIA PARASKEVI	326.098	33.765
08_Venetikos	IC AGIA PARASKEVI - IC VENETIKOS	1,222.784	58.831
Venetikos_08A	IC VENETIKOS - WEST IC GREVENA (KALAMBAKA)	219.47	35.581
08A_09	WEST IC GREVENA (KALAMBAKA) - EAST IC GREVENA	36.81	5.872
09_Siatista	EAST IC GREVENA - WEST IC SIATISTA	186.08	11.904
Siatista_10	WEST IC SIATISTA - EAST IC SIATISTA	37.24	12.147
10_11	EAST IC SIATISTA - IC KALAMIA	140.646	12.155
11_12	IC KALAMIA - IC KOZANI	146.68	12.139
12_Voskochori	IC KOZANI - Intersection VOSKOCHORI	219.84	12.157
Voskochori_13	Intersection VOSKOCHORI - IC POLYMYLOS	56.31	12.128
13_14	IC POLYMYLOS - IC VEROIA	312.17	12.266
14_15	IC VEROIA - IC KOULOURA	103.78	12.024
15_16	IC KOULOURA - IC NISELI	9.6	0.665
20_21	IC SINDOS - IC KALOCHORI (K1)	7.328	2.749
21_22	IC KALOCHORI (K1) - IC IONIA. DIAVATA (K2)	109.793	20.993
22_23	IC IONIA. DIAVATA (K2) - IC TITAN (K4)	109	11.81
23_23A	IC TITAN (K4) - IC GIROKOMEIO	58.24	18.82
23A_24	IC GIROKOMEIO - IC LANGADAS-SERRES	30.81	5.941
25_Vaiochori	IC PROFITI - IC VAIOCHORI	57.9	5.885
Vaiochori_26	IC VAIOCHORI - IC RENDINA	368.03	19.114
26_27	IC RENDINA - IC VRASNA. ASPROVALTA	159.673	17.289
27_Kerdylia	IC VRASNA. ASPROVALTA - IC KERDYLIA	5.197	0.333
Kerdylia_28	IC KERDYLIA - IC STRYMONA	1.229	0.332
28_Galipsos-Orfani	IC STRYMONA - IC GALIPSOS-ORFANI	66.641	6.919
Galipsos-Orfani_Mousthenei	IC GALIPSOS-ORFANI - IC MOUSTHENI	119.045	7.855
Mousthenei_Eleftheroupoli	IC MOUSTHENI - IC ELEFTHEROUPOLI	89.134	7.854
Eleftheroupoli_29	IC ELEFTHEROUPOLI - IC AGIOS ANDREAS	331.087	56.492
29_30	IC AGIOS ANDREAS - IC PALIO	54.775	7.367
33_34	IC CHRYSOUPOLI - WEST IC XANTHI	74.55	4.054
39_40	IC MESTI - IC MAKRI	16.17	1.053
TOTAL		5,038.462	12.73 €

Source of primary data: Project Control Unit of EGNATIA ODOS A.E., March 2008



METADATA

Sources

The indicator's data have been provided by the Project Control Unit of Egnatia Odos AE, which maintains a detailed database of budgets and contractors' payments.

Methodology

To calculate the indicator, the financial data have been allocated to the Egnatia Motorway sections relating to each contract assuming the equal distribution of the amount credited for landscape restoration to all sections of the Egnatia Motorway. Then the amount paid for landscaping restoration was reduced per road km. The same procedure was followed for the reduction and geographical analysis of the results per Prefecture crossed by the Egnatia Motorway.