

RESULTS FACT SHEET

INDICATOR ENV05: DEGREE OF 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, which result from the fragmentation of natural areas caused by a road axis and has as an objective the ecologic and aesthetic harmonization of a major infrastructure project with the environment of every area it crosses.

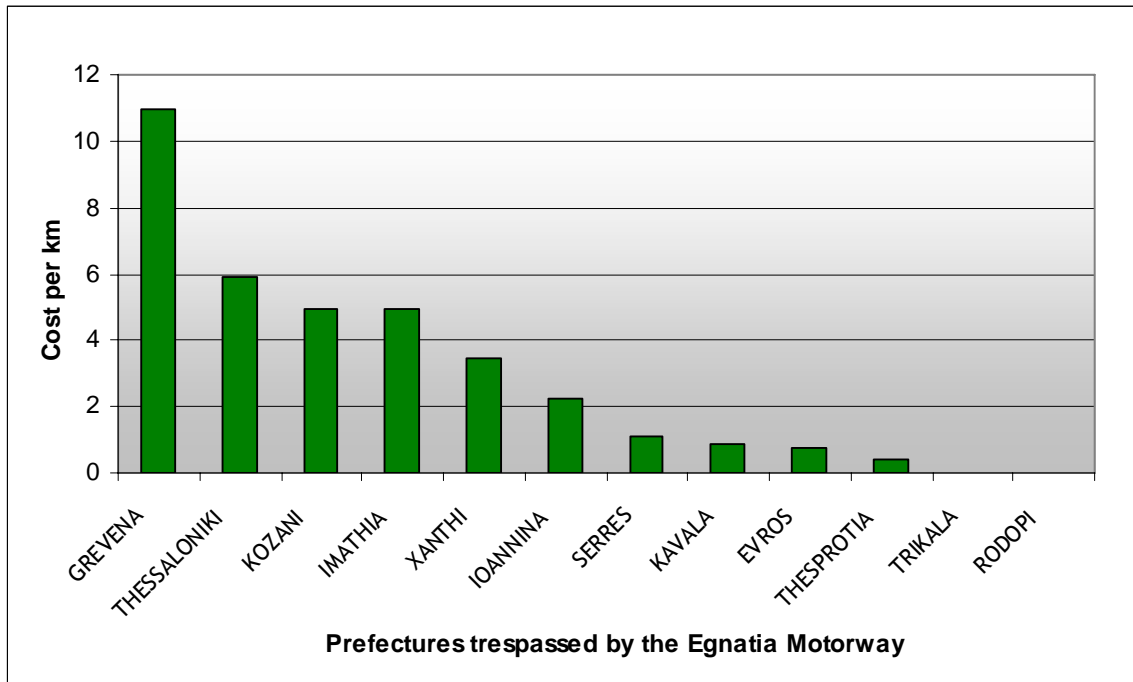
RESULTS- ASSESSMENT

The calculation of the indicator has been based on the amounts credited for landscape restoration works, through installed contractors of the Egnatia Motorway during the year 2007. 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 road km.

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, which cross areas with a steep terrain (eg Ioannina- Metsovo and Panagia- Grevena) and on the other hand for sections where earth works are already complete and they have been given to traffic (eg Grevena- Kozani- Polymylos- Lefkopetra, External Ring Road of Thessaloniki).

COST OF LANDSCAPE RESTORATION PER SECTION OF FUNCTION & MAINTENANCE (Year 2007)			
Section Code	Section Name	Cost (thous. €)	Cost per km (thous. €)
01A_02	I/C VASILIKOY -I/C NEOCHORI	4,52	0,41
02_03	I/C NEOCHORI -I/C SELLON-TYRIA	12,67	0,46
03_04	I/C SELLON - TYRIA - I/C DODONIS	0,55	0,05
04_05	I/C DODONIS - I/C IOANNINON	0,44	0,05
05_05A	I/C IOANNINON - I/C PAMVOTIDAS	0,22	0,05
05A_06	I/C PAMVOTIDAS - I/C ARACHTHOY-ZAGORIOY	120,45	6,59
06_06A	I/C ARACHTHOY-ZAGORIOY - I/C PERISTERIOY	58,29	6,54
08_08A	I/C VOLOY - I/C VENETIKOY	145,37	6,99
08A_08B	I/C VENETIKOY - I/C WEST GREVENA	43,09	6,99
08B_09	I/C WEST GREVENA - I/C EAST GREVENA	74,75	11,93
09_10	I/C EAST GREVENA - I/C EAST SIATISTA	254,60	13,62
10_11	I/C EAST SIATISTA - I/C KALAMIA	100,49	8,69
11_12	I/C KALAMIA - I/C KOZANI	104,93	8,68
12_13	I/C KOZANI - I/C POLYMYLOY	197,39	8,68
13_14	I/C POLYMYLOY - I/C VERIAS	221,00	8,69
14_15	I/C VERIAS - I/C KOYLOYRAS	74,95	8,68
15_16	I/C KOYLOYRA -I/C NISELIOY	125,40	8,69
20_21	I/C SINDOY -I/C KALOCHORIOY (K1)	4,42	1,67
21_22	I/C KALOCHORIOY (K1)- I/C IONIAS-DIABATON (K2)	9,07	1,74
22_23	I/C IONIAS-DIABATON (K2)-I/C EFKARPIAS (K4)	27,69	2,94
23_23A	I/C EFKARPIAS (K4) - I/C GIROKOMIOY	5,83	2,18
25_26	I/C PROFITI - I/C RENTINA	499,81	17,09
26_27	I/C RENTINA - I/C VRASNON - ASPROVALTAS	165,78	17,95
27_28	I/C VRASNA-ASPROVALTA - I/C STRYMONA	16,57	0,86
28_Galipsos	I/C STRYMONA - GALIPSOS	8,26	0,86
33_34	I/C CHRISOYPOLIS -I/C VANIANOY	212,18	11,48
39_40	I/C MESTIS - I/C MAKRIS	57,76	3,76
TOTAL		2.546,48 €	7,12 €

Cost Control and Planning Unit of the Egnatia Motorway S.A., March 2008



METADATA

Sources

The indicator's data have been supplied by the Planning & Cost Control Department of Egnatia Motorway S.A., which keeps a detailed database of budgets and contractors' payments of the Egnatia Motorway.

Methodology

To calculate the indicator, the financial data have been apportioned to the Egnatia Motorway sections relative to each separate contract, based on the equal distribution of the amount credited for landscape restoration, at all sections of the Egnatia Motorway that every contract involved is relative to. Then there has been a reduction of the amount spent per road km that has been paid for landscape restoration. The same procedure has been followed for the reduction and geographical analysis of the results per Prefecture, crossed by the Egnatia Motorway.