

RESULTS FACTSHEET

INDICATOR TRA05: TIME-DISTANCE

DEFINITION- OBJECTIVE

The indicator assesses the time-distances within the Impact Zone of the Egnatia Motorway, when using means of road transport. The distance time between cities is an essential indicator for the assessment of the cities' accessibility and a basic piece of information, as regards the cost calculation for the transportation of goods and the overall cost.

RESULTS - ASSESSMENT

With the help of the counts available and traffic model of EGNATIA ODOS SA, three maps (2, 3 & 4) of time zones have been prepared, showing the reduction of the time-distance assessed, which will be achieved for movements from Ioannina, Kozani, Thessaloniki and Komotini to other areas with the completion of the motorway, in relation to the situation prior to the Egnatia Motorway construction.

Generally, the completion of the Egnatia Motorway construction will result in a substantial saving of the time required to travel along Northern Greece. In particular, the route Ioannina - Thessaloniki will be reduced by approximately 3 hours, Ioannina - Komotini more than 4 hours, while the route Ioannina - Igoumenitsa will be reduced by 1 hour and the distance Ioannina - Kipi will be reduced by more than 4 hours.

The time required for the route Kozani - Ioannina will be reduced by 1 hour, Kozani - Ioannina more than 90 minutes, Kozani - Komotini more than 2 hours, while the routes of Kozani - Igoumenitsa and Kozani - Kipi will be reduced by up to 3 hours.

The time required for the route Thessaloniki - Igoumenitsa will be reduced by more than 3 hours, while the journey Thessaloniki - Kipi (Greek - Turkish borders) will be reduced by 2 hours. The distance between Thessaloniki and the cities of West Macedonia will be reduced by 1 up to 1.5 hours.

The route Komotini - Thessaloniki will be reduced by more than 1 hour, Komotini - Kozani a little less than 2 hours, Komotini - Ioannina more than 4 hours, while the route Komotini - Igoumenitsa will be reduced by almost 5 hours and Komotini - Kipi by a little more than half an hour.

The indicator shall be reexamined, upon completion of the counts carried out by the Observatory, along the routes between cities and terminals on the Impact Zone of the Egnatia Odos Motorway.

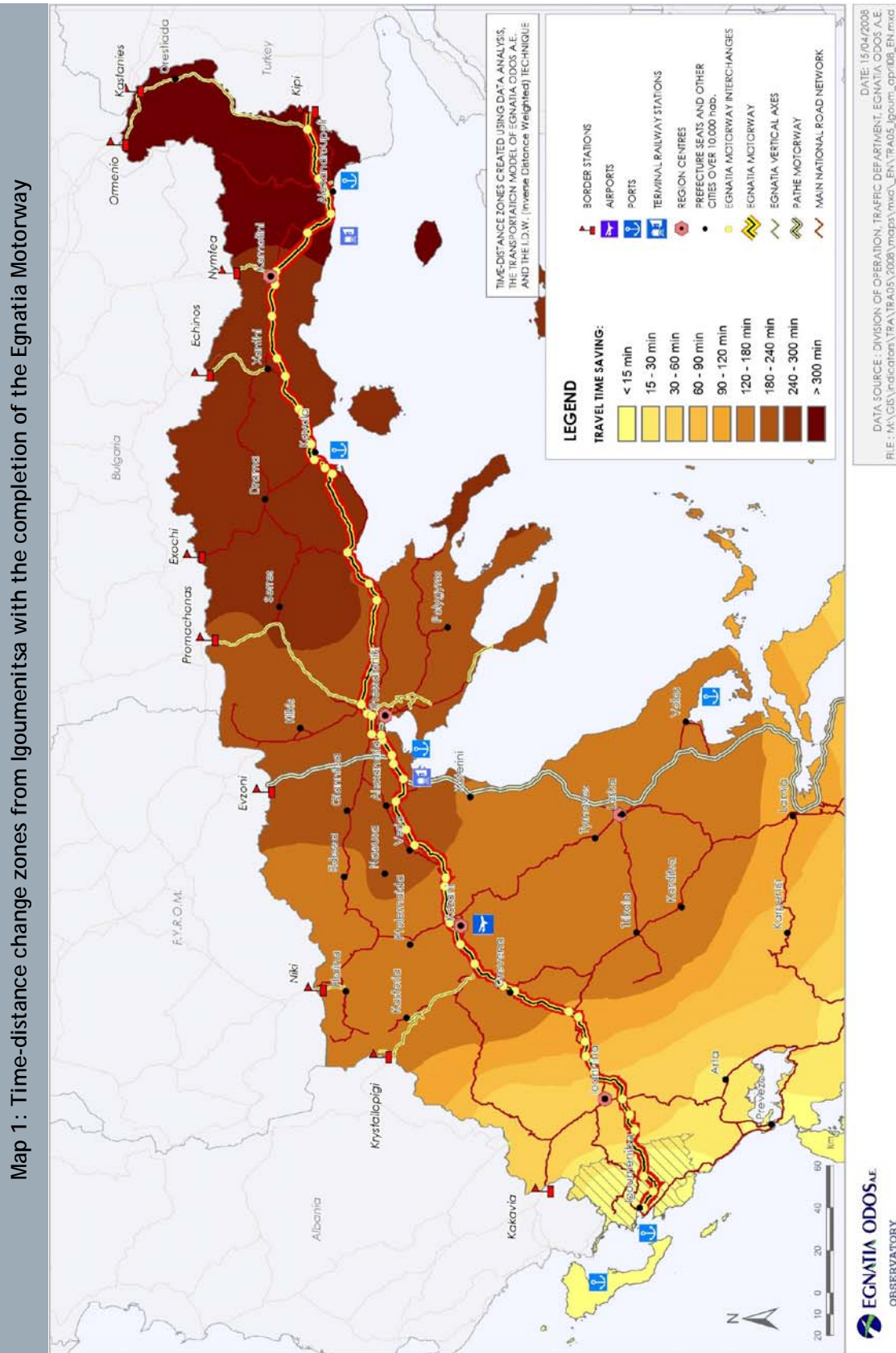
METADATA

Sources -Methodology

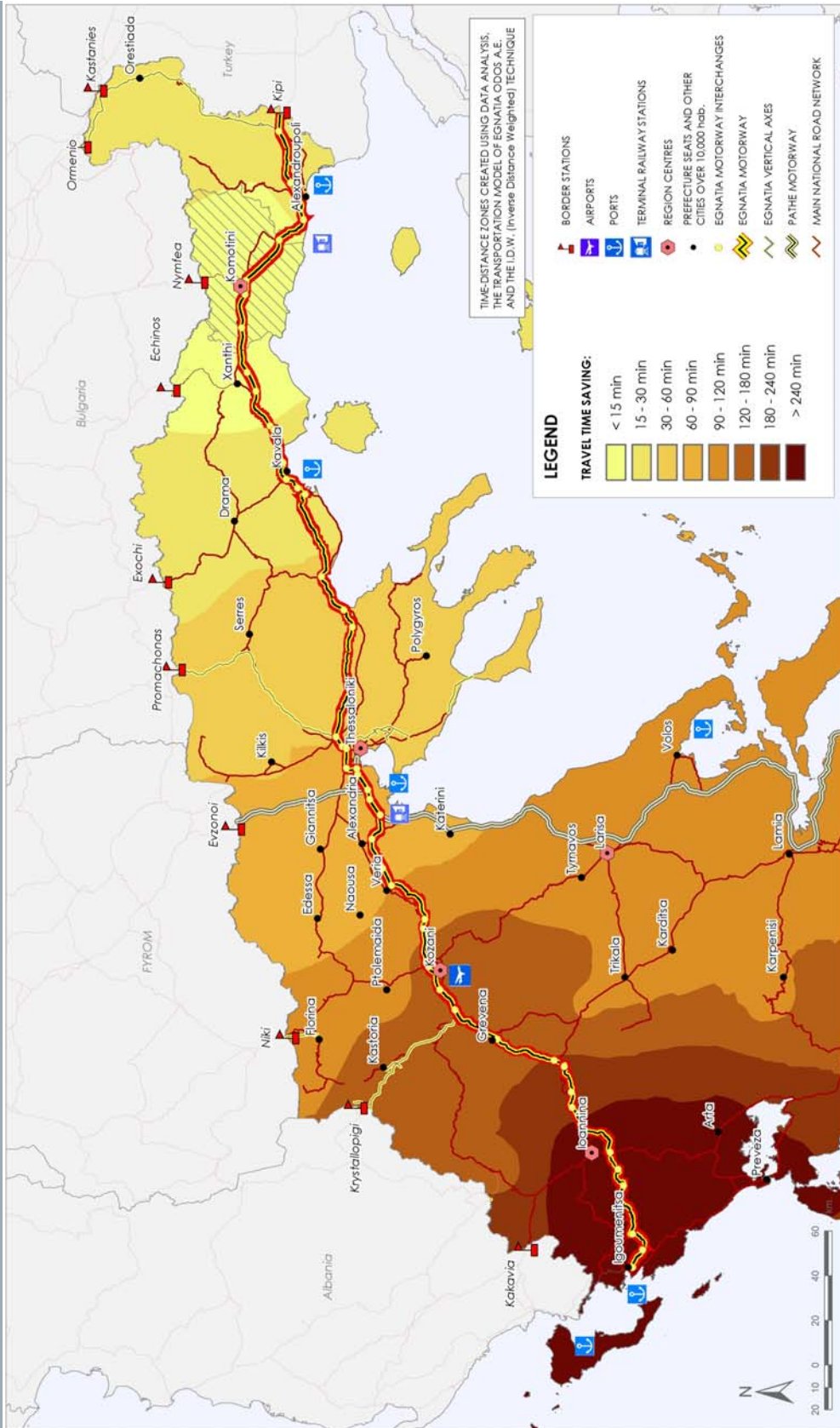
The time zones of the distance time variations have been determined with the use of the traffic model data of Egnatia Odos AE (Traffic Dept.), with the application of the I.D.W (Inverse Distance Weighted) method to the Observatory's GIS system.

URL: http://www.egnatia.gr/flash/operations_traffic_gr.html,

Email: traffic@egnatia.gr

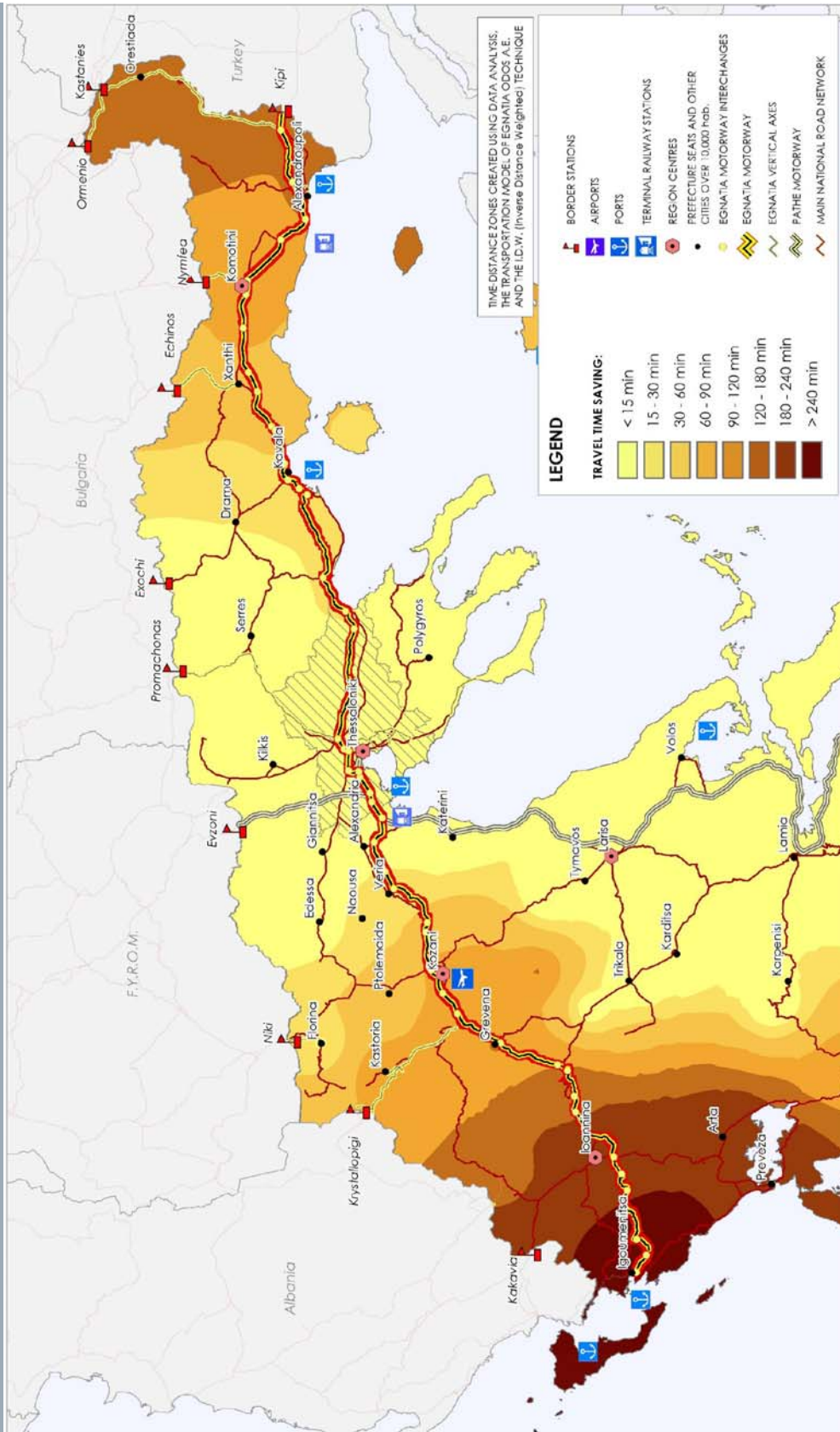


Map 2: Time-distance change zones from Komotini with the completion of the Egnatia Motorway



DATE: 15/04/2008
 DATA SOURCE: DIVISION OF OPERATION, TRAFFIC DEPARTMENT, EGNATIA ODOS A.E.
 FILE : M:\GIS\Indicators\TRA\TRA05_2008\map2\tra05_2008\tra05_2008_041008_Etu.mxd

Map 3: Time-distance change zones from Thessaloniki with the completion of the Egnatia Motorway



Map 4: Time-distance change zones from Alexandroupoli with the completion of the Egnatia Motorway

