

SEMI-ANNUAL PROGRESS REPORT FOR THE IMPLEMENTATION OF ENVIRONMENTAL TERMS DURING THE CONSTRUCTION PHASE

**PROJECT: "DESIGN – CONSTRUCTION – FINANCING – OPERATION –
MAINTENANCE AND EXPLOITATION OF THE PROJECT "IONIA ODOS
MOTORWAY FROM ANTIRIO TO IOANINA, PATHE ATHENS
(METAMORFOSSI I/C) – MALIAKOS (SKARFIA) AND PATHE CONNECTING
BRANCH SCHIMATARI – CHALKIDA"**

SECTIONS:

- i. **PATHE Motorway, of an approximate length of 172,5 km, from Metamorfossi I/C to Skarfia.**
- ii. **PATHE Connecting Branch from Schimatari to Chalkida.**

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Reviewed	Environment Department Stavros Karapanos		
Approved	General Director of EuroIonia J/V Kiriakos Vavarapis		

B' SEMESTER 2014



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**PATHE MOTORWAY FROM METAMORDOSI TO SKARFIA
PATHE CONNECTING BRANCH FROM SCHIMATARI TO CHALKIDA**

**CONCESSIONAIRE OF THE PROJECT: NEA ODOS S.A.
CONSTRUCTOR: EURO IONIA J/V**

JANUARY 2015



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1. GENERAL INFORMATION

This semiannual progress report on the implementation of the Environmental Terms during the construction phase includes briefly some general information about the project and a table showing the biannual progress report for the **B' Semester of 2014**. The table has been supplemented by observations and inspections that took place during the construction works that have been implemented, and procedures as outlined in the Environmental Monitoring Control Program of the project.

1.1 DESCRIPTION OF THE PROJECT

The scope of the whole project is the design, financing, construction, operation and maintenance in accordance with the Concession Agreement, which was ratified by Law 3555/2007:

"DESIGN - CONSTRUCTION - FINANCING - OPERATION - MAINTENANCE AND EXPLOITATIO OF THE PROJECT IONIA ODOS MOTORWAY FROM ANTIRIO TO IOANINA, PATHE ATHENS (METAMORFOSSI I/C) - MALIAKOS (SKARFIA) AND CONNECTING BRANCH PATHE SCHIMATARI – CHALKIDA."

It should be noted that, under the Law 4219/2013 (OGG 269A/11-12-2013) the Amendment Agreements of the concession agreements of the major road projects, including the IONIA ODOS project, have been ratified.

More specifically, pursuant to Article 3 *"Ratification of the Amendment Agreement of the Concession Agreement Provisions of the Project on the Design, Construction, Financing, Operation, Maintenance of Ionia Odos motorway from Antirio to Ioanina, Athens PATHE (Metamorfossi I/C) – Maliakos (Skarfia) and Connecting Branch of PATHE Schimatari – Chalkida"*, the Agreement dated 28.11.2013 amending the Concession Agreement Provisions, apart from its annexes, in accordance with Articles 37.1 and 37.2 of the Concession Agreement dated December 19, 2006, as ratified by Article (1) of Law 3555/2007, has been ratified and enacted as Law. The text of the Amendment Agreement is annexed as Appendix C of Law 4219/2013 and constitutes an integral part of Article (3) of that Law.

This annual progress report on the implementation of the environmental terms during the construction phase refers to a part of the concession agreement and includes specific sections of the "IONIA ODOS" Motorway, PATHE (Metamorfossi – Skarfia) and PATHE Connecting Branch of PATHE Schimatari – Chalkida:

PATHE (Metamorfossi – Skarfia)

1. Metamorfossi – Yliki
2. Yliki – Kastro

3. Kastro – Tragana
4. Tragana – Arkitsa
5. ARKITSA – Ag. Konstantinos

PATHE Connecting Branch Schimatari – Chalkida:

1. Schimatari - Chalkida

The construction works and the operation of the said sections of the project are governed by the environmental terms described in the following Joint Ministerial Decisions (JMD):

PATHE (Metamorfossi – Skarfia)

Metamorfossi - Yliki

- JMD 126119/08.02.2007 "Environmental Terms Approval for the operation and the improvement and maintenance works of Metamorfossi – Yliki section of PATHE motorway."
- Amendment of the environmental terms of Metamorfossi – Yliki section of PATHE Motorway, which were approved by the JMD no. 126119/08.02.2007, as regards the completion of the lateral road network. (Decision 200817/23.07.2012).

Yliki - Kastro

- JMD 36118/94/10.07.1995 "Environmental Terms Approval for the construction and operation of Athens – Thessaloniki New National Road, Yliki – Kastro section."
- JMD 101617/22.09.2006 "Amendment of the Joint Ministerial Decision no. 36118/94/10.07.1995, with which the environmental terms for the construction and operation of Yliki - Kastro section of PATHE Motorway were adopted."
- JMD 140792/12.06.2009 "Amendment of the Joint Ministerial Decision no. 36118/94/10.7.1995, with which the environmental terms for the construction and operation of Yliki – Kastro of PATHE Motorway were adopted, as amended by JMD with prot. no. 101617/22.9.2006."

Kastro - Tragana

- JMD 33838/94/10.07.1995 "Approval of environmental terms for Athens - Thessaloniki New National Road (Patra – Athens – Thessaloniki – Evzoni Motorway (PATHE)) KASTRO – TRAGANA."
- JMD 103909/12.05.2006 "Amendment – Extension of the period of validity of the JMD no. 33838/94/10.07.1995, Environmental Terms Approval for Athens - Thessaloniki New National Road (Patra – Athens – Thessaloniki – Evzoni Motorway (PATHE)) KASTRO – TRAGANA."
- JMD 139132/30.04.2009 "Amendment of JMD no. 33838/94/10.7.1995, with which the environmental terms for the construction and operation of Kastro – Tragana section of PATHE Motorway were adopted, as amended by JMD with prot. no. 103909/12.5.2006."

Tragana – Arkitsa

- JMD 36759/94/10.07.1995 "Environmental Terms Approval for Athens – Thessaloniki New National Road (Patra – Athens – Thessaloniki – Evzoni Motorway (PATHE)) TRAGANA – ARKITSA."
- JMD 103910/12.05.2006 "Amendment – Extension of the period of validity of the Joint Ministerial Decision (JMD) no. 36759/94/10.07.1995, Environmental Terms Approval for Athens – Thessaloniki New National Road (Patra – Athens – Thessaloniki – Evzoni Motorway (PATHE)) TRAGANA – ARKITSA".

Arkitsa – Ag. Konstantinos

- JMD 39516/94/10.07.1995 "Environmental Terms Approval for Athens – Thessaloniki New National Road (Patra – Athens – Thessaloniki – Evzoni Motorway (PATHE)) ARKITSA – AG. KONSTANTINOS"
- JMD 103908/12.05.2006 "Renewal of the period of validity of the Joint Ministerial Decision (JMD) no. 39516/94/10.07.1995, Environmental Terms Approval for Athens – Thessaloniki New National Road (Patra – Athens – Thessaloniki – Evzoni Motorway (PATHE)) ARKITSA – AG. KONSTANTINOS".

Ag. Konstantinos – Kamena Vourla

- JMD 85676/30.07.2002 Environmental Terms Approval for the project "Improvement of Athens – Thessaloniki National Road, Agios Konstantinos – Kamena Vourla section"

Kamena Vourla – Mendenitsa

- JMD 67031/19.10.1998 Environmental Terms Approval for the project "Athens – Thessaloniki N.R., Kamena Vourla Section – subsection Mendenitsa CH. 0+000 to 4+100»

PATHE Connecting Branch Schimatari – Chalkida:

- JMD 106530/15.03.2000 "Road Improvement Design of Schimatari – Chalkida "
- JMD 171818/01.04.2014 "Environmental Terms Approval for Schimatari – Chalkida road axle, including the station and the administration building of the frontal toll stations."

1.2 TECHNICAL SCOPE

The Design, Construction, Operation and Maintenance of the above Motorways are subject to the Agreement, as follows:

(a) C.P. New Sections and Technical Works which will be designed and constructed by the Concessionaire

(b) Existing C.P. Motorway Sections constructed and operated by and at the expense of the Greek State and the contribution of the European Union and are going to be studied and executed in accordance with the agreement

(c) Motorway New Sections constructed by and at the expense of the Greek State and the contribution of the European Union, for which they can be informed by the services executing these works as follows:

The project is divided into Geographical Units of the Special Conditions of Contract as follows:

- a) Concessionaire New Sections (C.P. and L.P.).
- b) Existing Sections of the Concession Project (C.P.)
- c) State New Sections (C.P.) constructed and operated by and at the expense of the Greek State which will grant to the Concessionaire the exclusive right of Operation, Maintenance and Exploitation, as regulated by the Concession Agreement.

The Concessionaire's obligations include any temporary connection to the existing network, depending on the time schedule for the completion of the individual sections and the existing conditions.

1.2.1 Project New Sections and technical requirements

The scope of the Project is the "Design – Construction – Financing – Operation – Exploitation and Maintenance of Ionia Odos Motorway from Antirio to Ioanina, PATHE Athens (Metamorfossi I/C) – Maliakos (Skarfia) and Connecting Branch of PATHE Schimatari – Chalkida for thirty (30) years in accordance with its Concession Agreement:

- i. "Ionia Odos" motorway, of an approximate length of 196 km from Antirio to Egnatia I/C,
- ii. PATHE motorway, of an approximate length of 172,5 km from Metamorfossi I/C to Skarfia
- iii. PATHE connecting branch Schimatari – Chalkida

The Project is part of the Trans – European Network.

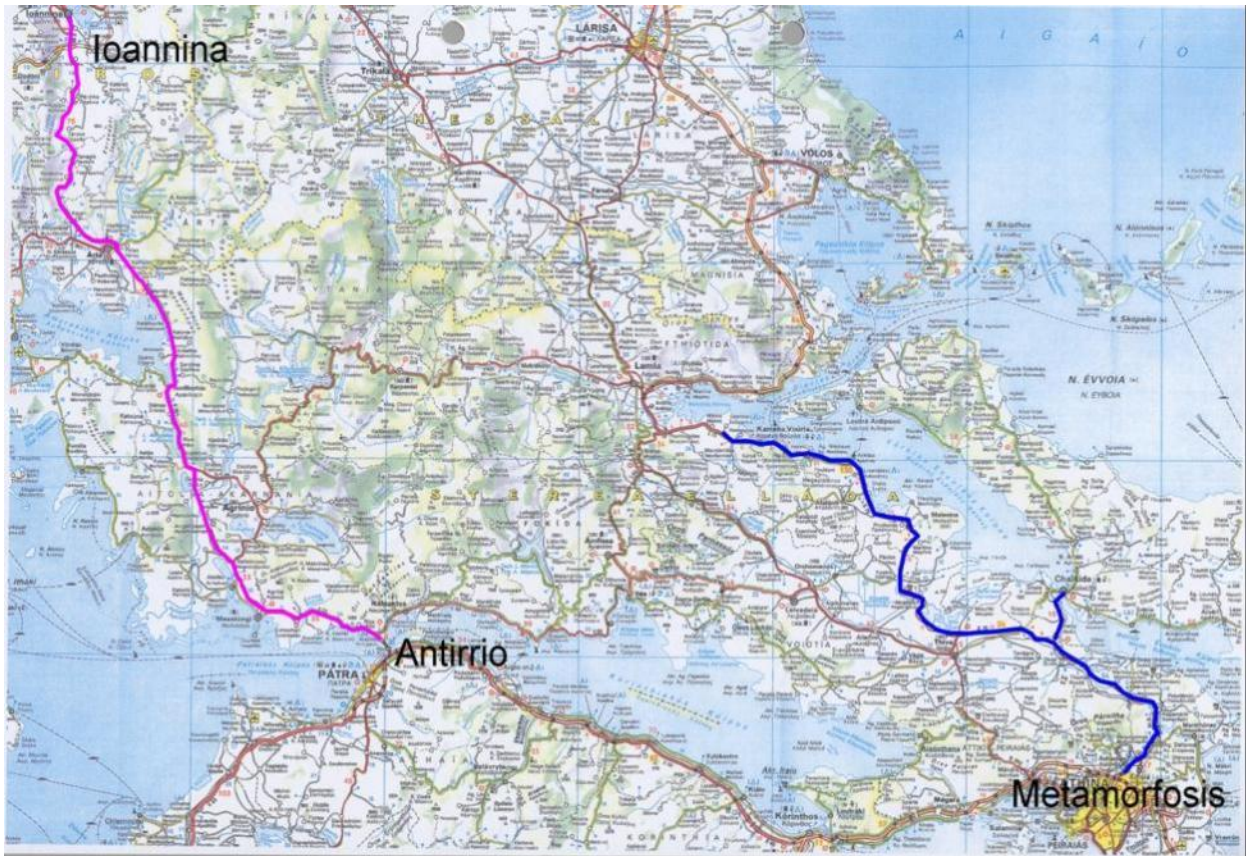
It serves the national traffic gates of Patra, Igoumenitsa, Kakkavia and the interregional traffic.

The sections of the Concession Project are divided into forty three (43) Geographical Units (GU), five (5) of which are State's New Sections. Those sections, after their completion, shall be delivered by the State to the Concessionaire, as defined in the C.A., in order to proceed with the additional works concerning the operation and maintenance of the motorway. Up to now, 3 of them have been delivered as shown in the table below.

GU	SECTION (CH.)	LENGTH (km.)	DELIVERY BY THE STATE
14 S/W	Agrinio Bypass IONIA CH. 55+600 -76+272 /	20,672	Delivered
19 S/W	Arta Bypass IONIA CH. 129+053 -135+200 /	6,147	Pending
41 S/W	Loggos – Ag. Konstantinos ΠΑΘΕ Χ.Θ. 160+393 -171+693 /	11,300	Delivered
42 S/W	Ag. Konstantinos – Kamena Vourla PATHE CH. 171+693 - 181+480 /	9,787	Delivered
43 S/W	Schimatari – Chalkida PATHE/	11,000	Pending

The table below gives the approved optimizations with previous Ministerial Decisions which differentiate the technical scope of the project for the sections relating to the present report:

Optimization	Optimization Category	Section	Environmental Licensing	Ministerial Decision - Optimization Approval
ΠΑΘΕ (Skarfia - Raches)				
Kaliftaki I/C	modification	15+286	Pending	A/1/00/01/01/20097/28. 11. 2013
Varimpompi I/C	modification	18+392	Pending	



*Ionia Odos from Antirrio to Ioannina (with purple color on the above map)
PATHE with Schimatari – Chalkida BRANCH (with blue color on the above map)*

The following tables set out the terms of the Ministerial Decision Approval of Environmental Terms relating to construction for each part separately, and by environmental condition. It should be noted that, due to non-existence of works at Schimatari – Chalkida branch, the following tables do not include the said section of the project.

For each term listed in the table, there is a commentary on course compliance or potential problems encountered or observed in relation to compliance.



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2. TABLES FOR MONITORING ENVIRONMENTAL CONDITIONS



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2.1 METAMORFOSSI – YLIKI (JMD 126119/08.02.2007, JMD ETA 200817/23-7-2012)

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
A.	Issues of Permits/Approvals	
A.1	Permits – approvals for any activity or installation required for the operation of the motorway	The permits and approvals foreseen by the legislation, including the environmental permit possibly required, are obtained, when needed.
A.2	Ancillary works	For the implementation of any partial additional activity or expansion that is not described in the Environmental Impact Assessment (EIA) and consequently not covered by the Approval of Environmental Terms (AET) a relevant environmental permit shall be obtained by EYPE/YPEXODE. The requests for granting environmental permit to the ancillary works carried out by EYPE/YPEXODE regardless the category they fall, in accordance with the Joint Ministerial Decision No. 16393/2332/5.8.2002.
A.3	Archaeological Services	<p>The term regarding the Archaeological services refers to the construction and has been complied with. During the reference period the Construction J/V, in order to start the earth construction works of the parking area at "Metamorfossi – Yliki", informed on time all the competent archaeological services:</p> <ul style="list-style-type: none"> • The Construction J/V no. 45286/25.9.2014 informed the B' EPKA on the relaunch of the construction works of Malakassa lateral toll stations. • The Construction J/V no. 44945/08.9.2014 informed the B' EPKA on the relaunch of the earth works at CH. 18+600 for the construction of the administration building at Varimpompi I/C. • The Ephorate of Antiquities in Athens was informed with prot. no. 46179/10.11.2014, for the commencement of the construction works of the general administration building at Varimpompi I/C. <p>However before starting any construction work there was always the information and update of the competent Antiquities.</p> <p>The works performed during previous reference periods in the said section focused on operations of improvement, rehabilitation and widening within the existing expropriation area (there is a positive opinion of the Archaeological Services). Nevertheless, a contact will be held by the competent Departments of Antiquities, where necessary, as happened in previous reference periods.</p> <p>The location for the Motorists Service Stations in Afidnes proposed by EIA was hand over. The final locations of the Motorists Service Stations for the section 'Metamorfossi - Yliki' are located in Kapandriti I/C and Thiva I/C, while the building of the Management is built in Varibobi. Therefore, the ecclesiastic monument is not affected and no measures are required for its protection.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
A.4	Forest areas	<p>The Construction J/V shall ensure the required opinions by the Forestries at site and before the commencement of the works. The protocol nos. of correspondence with the Forestries at sites for the reference period are the following: by within the limits of expropriation Motorway, upon the construction J/V request (J/V request no. 44431/7-8-2014).</p> <ul style="list-style-type: none"> • The Forestry of Kapandriti with letter no. 45020/11-9-2014 approved the cutting of pines at Malakassa node within the expropriation limits of the Motorway, upon the construction J/V request (J/V request no. 44431/7-8-2014). • The Construction J/V letter no. 44869/5-9-2014 requested the Forestry of Penteli to issue a certificate on non-claim opinion for the area where the general administration building is going to be constructed at Varimpompi I/C.
B.	Design-related Issues	
B.1	Environmental Impact Studies EIA	<p>Pursuant to the environmental terms and the legislation in force, in case of minor changes or modifications of the project, as described in the Environmental Terms and the EIA, a file should be elaborated pursuant to those set in Article 6 of Law 4014/2011 (OGG 24A/2011) or/and EIS in accordance with Articles 2 and 3 of the same Law.</p> <p>A file no. EYPE 173067/5-6-2014 amending the environmental terms of the section Athens (Metamorfossi I/C) – Maliakos (Skarfia) of PATHE for the environmental licensing of 10 parking areas and 2 location areas of the MSSs in Martino (direction Athens and direction Lamia) has been submitted.</p>
B.2	Hydraulic Studies	The studies already elaborated take into account the requirements of the term. As for the remaining section, the studies are under elaboration.
B.3	Special Technical Implementation Study	<p>All determined worksite areas are the following:</p> <ul style="list-style-type: none"> • Inofyta worksite area, within the project occupation zone and within the expropriation limit. The relevant STIS has been submitted to EYPE with J/V prot. no. 6909/02-02-09, and its approval is pending. The worksite area has not been used. • Schimatari worksite area (CH 63+300), leased area, environmentally licensed by EYPE for installation of asphalt production unit and corresponding laboratory (approval no.

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		<p>110101/18.12.08). The area has been restored and delivered to the proprietaries.</p> <ul style="list-style-type: none"> • Thiva I/C worksite area (CH 84+940), within the occupation zone of the project and within the expropriation limit, environmentally licensed by EYPE for temporary installation of an asphalt testing laboratory and offices (approval no. 106364/29.10.08). The site is no longer in use and its restoration is pending.
B.4	Landscaping – Forest Technical Design	<p>The relevant landscaping studies refer to central islet plantings, worksite areas restoration, nodes landscaping and slope plantings of the road as well as the final irrigation studies.</p> <p>The relevant final landscaping study and the final irrigation study for Ritsona I/C – Thiva I/C (CH. 69+173, 45 – CH. 83+524, 45), where roads were widened, has been assigned, elaborate and submitted for approval to the Independent Engineer. The study is in the restructuring/ completion phase according to the Independent Engineer’s suggestions and its resubmission is expected.</p> <p>The final landscaping study and the final irrigation study for the Administration Building of Varimpompi is in the restructuring phase according to the Independent Engineer’s suggestions.</p> <p>The final landscaping study and the corresponding final irrigation studies are assigned and elaborated for the remaining sections.</p>
B.5	Noise Barriers Special Study	<p>The specificity of the noise prevention measures has been specifically studied in accordance with the Technical Specifications (No. Pr. 57728/27-09-2001 Directorate EARTH (Air Pollution and Noise Control) -YPEHODE), approved by EYPE/YPEHODE with the relevant 143730/10-11-2009.</p> <p>This study determines, by using appropriate models and methodologies (according to JMD 13586/724 (03.28.2006 OGG 384) and European Directive 2002/49/EC), the type and efficiency of the anti-noise measures (noise barriers), the technical characteristics and their adaptation to the topological characteristics of the region. Their implementation is already in the final stage.</p> <p>Detailed data on the individual noise barriers along PATHE were presented in the Annual Report 2011 of O.K.TH. (Road Traffic Noise) whereby they were determined and the representative positions of the Road Traffic Noise measurements, necessary to monitor the Road Traffic Noise temporal fluctuation.</p> <p>The Special Acoustics Study – Dimensional Barriers has already been submitted and approved by</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		<p>EYPE/YPEHODE (protocol no. 143730/10-11-2009) for the section of PATHE: METAMORFOSSI I/C – MALIAKOS (SKARFIA) & CONNCETING BRANCH SCHIMATARI – CHALKIDA</p> <p>In the context of the said STIS that is related to the PATHE Motorway from Metamorfossi to Agios Konstantinos, noise measurements determining the accurate position of the barriers have taken place.</p> <p>A Special Acoustic Design (EAMYE) elaborated and submitted via Nea Odos letter with prot. no. 28085/22-10-12 and approved by EARTH with prot. no. 213863/30-11-2012. Those provided for in EAMYE were not implemented due to suspension of the Constructor's works. Upon relaunch of the works (2014), they are expected to be implemented.</p>
B.6	Technical Report for the Air Pollution Stations	<p>Air pollution measuring stations have been installed and operate in the area of Varympompi and Schimatari (Prot. No. 185799/8-3-2011 EARTH).</p> <p>The stations operate in a 24-hour basis and the prices of the below pollutants and parameters are recorded:</p> <ol style="list-style-type: none"> 1) The pollutants CO, NO_x, SO₂, O₃, PM₁₀, PM_{2,5}, (C₆H₆, C₇H₈ and xylene) 2) The meteorological conditions of each installation area <p>The Concessionaire submitted a Technical Report on location and technical specifications for the installation of additional meteorological monitoring stations, beyond those conventionally required, for environmental permitting.</p>
B.7	Special Technical Implementation Study – MSS and Exploitation & Maintenance Centres (EMC)	<p>The responsibility for construction and operation of the MSS will be assigned by the Concessionaire to Contractors. The Environmental Terms of the project shall constitute an integral part of their contractual obligations.</p> <p>For the EMC of Kapandriti and Thiva the corresponding STIS has been prepared and appropriately approved by EYPE (with its letter with protocol no.: 144265/22-9-09)</p> <p>The STIS of the General Administration Building of Varibobi has been approved by EYPE with its letter with protocol no.: 196674/25-02-2011</p>
C.	Operation-related issues	
C.1	Visual Disturbance caused by signs	It refers to the operation phase of the project.

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
C.2	Special Care for the protection of Antiquities - operation of EMC	The location proposed by EIA for EMC in the area of Afidnes was renounced. The final locations of the EMC for "Metamorphossi – Yliki" are finalized in Kapandriti I/C and Thiva I/C and the Management building is planned in Varibobi. Therefore, the ecclesiastical monument is not affected and it is not necessary to take measures for its protection.
C.3	Pollution due to accident	It refers to the operation phase of the project.
C.4	Control of air pollution during the operation phase	The technical report of layout planning & technical specifications of the air pollution and meteorological data stations for PATHE motorway, has been submitted for approval to EYPE. EYPE/YPEKA agreed with the proposed positions and Technical Specifications of the Stations (with letter No. 195241/12-01-2011). The Directorate of EARTH/YPEKA approved the positions and the Technical Specifications (with prot. no. 185799/8-03-2011).
C.5	Noise during the operation phase	It refers to the operation phase of the project.
C.6	MSS and EMC	It refers to the operation phase of the project.
C.7	Maintenance of Vegetation	It refers to the operation phase of the project.
D.	Construction & Maintenance Issues	
D.1	Keeping the existing traffic lanes and junctions.	The traffic interventions that have been carried out for improvement works are conducted after obtaining the assent of the traffic police.
D.2	Water flow	During the construction works, care should be taken in order for the water flow to be uninterrupted. The content of paragraph E.2 of the report on the compliance with the Environmental Terms during the Construction Phase is valid.
D.2	Temporary disposal sites	The temporary disposal sites were selected in rented land, or within limits of expropriation. These are

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		<p>sites where material excavation, aggregate or topsoil storage is carried out. No temporary disposal is carried out near streams.</p> <p>A STIS (EYPE 136137/27-8-2009) has been approved for a concrete and asphalt production worksite at Inofyta I/C, where a temporary disposal pit of aggregate materials is also foreseen.</p>
D.3	Dust control	<p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) on the conformance method. The performance of the corrective actions is checked via new inspections based on the check list.</p> <p>In particular for the dust, based on the works concerning an older reference period, the following are foreseen and implemented:</p> <ul style="list-style-type: none"> • Piles of construction materials are developed only within the enclosed worksites. • In addition, special care has been taken into account for at least one sprinkling truck in every worksite, where dust might be released. • The trucks that transfer materials should not be overloaded and all trucks transferring loose materials should be covered. <p>It should be noted that the asphalt production worksite unit in Schimatari does not operate anymore and the site has been restored and delivered to its proprietaries. Furthermore, the materials required for the construction of the projects are taken from environmentally licensed units.</p>
D.4	Materials Combustion	Regular inspections to ensure compliance of the said ET are conducted and there is no breach of the term.
D.5	Liquid waste	<p>A general Environmental Management Plan, which includes procedure ENV-P-01 for handling hazardous liquid waste in compliance with the respective environmental terms and the applicable legislation has been drawn up, submitted and is being implemented. A relevant file with agreements and orders for waste collection of waste management licensed businesses has been created.</p> <p>Inspections are conducted in the areas where construction works are executed and the respective</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. The performance of corrective actions is checked via new inspections based on the check list.
D.6	Noise	The construction works of the PATHE motorway improvement projects are carried out in a non-urban environment, away from sensitive receivers, while the construction noise is overshadowed by the road traffic noise.
E.	General Issues	
E.1	Obligation to comply with the Environmental Terms	The environmental terms of the project are met by all the competent bodies (Construction J/V, Independent Engineer/Concession, etc.)
E.2	Environmental Terms compliance monitoring	<p>In the study phase the corresponding environmental protection reports are elaborated where discussed how the requirements of the environmental terms and legislation are incorporated and reflected in the proposed technical solution.</p> <p>During the operation of the Motorway, the inspection process, which is applied using the relevant Check List in all worksite areas of the PATHE motorway, has been foreseen. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms from which corrective or preventive measures arise.</p>
E.3	Construction and Operation Expenses for the protection of the environment	<p>The required percentage of the total budget of the operation/maintenance works that are necessary for the full compliance with the Environmental Terms and restrictions of the present JMD, has been ensured by priority.</p> <p>A detailed analysis regarding the expenses that are provided for the realization of protection works of the environment is included in the annual progress report on the compliance with the environmental terms.</p>
E.4	Concessionaire's Service for Environment	<p>The Construction J/V has created a special department for Environment, which is responsible for the control and the compliance with the Environmental Terms along the Motorway from Metamorfossi I/C to Skarfia.</p> <p>Also, the construction J/V collaborates with a special advisor in order to form a group of scientists, which shall cover the whole range of environment.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
E.5	Manual for the specifications on the Environmental Terms compliance	It refers to the operation phase of the project.
E.6	Compliance with the Presidential Decree "Kifissos river Protection Zone"	<p>According to this Presidential Decree, the layout planning of any type of worksite installation, storage installation or other installation related to the construction of the project within the boundaries of Kifissos river Protection Zone and its surrounding streams as well as any type of water contamination or environment pollution is strictly prohibited.</p> <p>This requirement has been taken into account and no worksite area within this zone has been planned. It has to be noted that: Pursuant to Article 4, Paragraph 5 of Law 3555 (ratified law of the CA), the P.D. on the protection of Kifissos River (OGG 632D/27-6-94) cannot be implemented for the creation of the MSS, Toll Stations and EMC facilities.</p>
E.7	Submission of annual report to EYPE	The term is met. The semiannual and annual report has been submitted.
E.8	Reports Transmission to the competent bodies	The term is met. The report is posted on the website of NEA ODOS S.A., www.neados.gr
E.9	E.T. controllability by the competent authorities	<p>The annual and semi-annual periodic reports on compliance with the environmental terms are notified to the competent authorities and are published on the Concessionaire's website. At the same time, the person responsible on behalf of the Concessionaire facilitates any inspections to ensure compliance with these terms.</p> <p>The EIAs are in the Concessionaire's Headquarters</p>
E.10	Project Environmental Terms Validity	<p>If the environmental terms of this Joint Ministerial Decisions are amended based on new scientific and technical data in the field of environment protection or for any other reason, the Joint Venture shall lawfully comply with the new terms.</p> <p>The Environmental Terms are in force.</p>
E.11	Measures for preventing environmental implications of the EIA and AET	The measures for preventing environmental implications that are proposed in the EIA and that do not contravene this AET, are taken into account.



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2.2 YLIKI – KASTRO (JMD 36118/94/10.07.1995, JMD 101617/22.09.2006 & JMD 140792/12.06.2009)

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
A.	Permit /Approval Issues	
A.1	Installation permits for any activity or installation required for the operation of the Motorway.	The foreseen - by the current legislation - installation permits for any activity or installation necessary for the operation of the motorway, as well as approvals - including the environmental permit required -, are obtained when needed. A file no. EYPE 173067/5-6-2014 amending the environmental terms of Athens PATHE section (Metamorfossi I/C) – Maliakos (Skarfia) has been submitted for the environmental licensing of 10 parking spaces and 2 location areas for the Motorist Service Stations (MSS).
A.2	Forest areas	No need for issuance of permit regarding the term on the Forest Areas during the operation phase. If needed in the future, it shall be met.
A.3	Archaeology	In any event, before the commencement of any kind of construction works, the competent archaeological services are informed.
B.	Design – related Issues	
B.1	Exploitation & Maintenance Centres (EMC) Studies	No EMC construction in Kastro I/C is foreseen.
B.2	Runoff Retention Tanks Hydraulic Study	The relevant hydraulic studies for the closed drainage – sanitation system concerning the two bypasses of Yliki as well as the studies for the runoff retention tanks have been approved by the Independent Engineer (prot. no. 36193/26.05.2011 & 36194/26.05.2011). As regards the construction of the optimization works, the corresponding hydraulic studies have been elaborated and in any event the smooth water flow is not affected.
B.3	Architectural Studies	The relevant Architectural Studies have been elaborated and submitted to the Independent Engineer.
B.4	Landscaping Study	The relevant final landscaping and irrigation studies referring to the bypass sections are assigned, elaborated and submitted to the Independent Engineer, namely: a) CH. 89+344,15 – CH.. 91+967,39 and b) CH. 94+517,70 – CH. 97+647,43 with prot. No. IC-C-EN-P135Y-

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		MO-0200.000-PLN-PLG-FL-002.01.01.0 and IC-C-EN-P135Y-MO-0200.000-PLN-PLG-FL-003.01.01.0 dated 10/7/2008 respectively. The design is under restructuring/completion pursuant to the IE's suggestions and their resubmission is pending.
C.	Construction and Operation related issues	
C.1	Worksite infrastructure for the Motorway operation	It refers to the operation phase of the project and has been met. Nine (9) snow removal stations have been environmentally licensed along PATHE. The stations installed and in-operation are located in Malakassa, Schimatari, Akrefnio, Martino and Tragana.
C.2	Traffic Noise	It refers to the operation phase of the project
C.3	Road-widening	It refers to the old project and has been met
c.4	Water flow	It refers to the old project and has been met
C.5	Borrow pits - Quarries	The installation of a stone processing plant was approved and submitted to EYPE (approval no. 103047/10.06.08). The stone processing plants failed to operate at the reference time. The materials required for the construction of the optimization works are taken from environmentally licensed units.
C.6	Disposal Pits	From the earthwork tables of the project's final study, no excess material is foreseen for disposal, so there is currently no need for disposal pit. The materials resulting from the improvement works are used for the construction of the embankments in other motorway sections. The temporary disposal sites were selected in rented land, or within limits of expropriation. These are sites where material excavation, aggregate or topsoil storage is carried out. STIS has been submitted for those areas. No temporary disposal is carried out near streams. At the present work phase, in the event of excess materials appropriate for use, those will be used at other road sections as a priority.
C.7	Excavations – Explosives	No explosions were carried out at the reference period, and the excavation works were limited to the absolutely necessary ones for the construction of the parking areas.
C.8	Installations of concrete and asphalt	No concrete and asphalt production worksite installations are operational at this section during

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
	production unit	the reference period and the required materials are taken from environmentally licensed units.
C.9	Safety barrier and Configuration at the 91 th and 97 th km,	<p>The construction of the safety barrier is taken into account into the respective road studies at 91 km and 97 km along the said sections, with height, strength and technical characteristics which, in the event of an accident, to prevent the reverse of vehicles into the lake, excluding the possibility of mounting or breakage and to retain dangerous substances and materials within the motorway.</p> <p>The respective road designs took into account the configuration of the slope, according to the requirements of the file submitted by EYDE-OAP letter no. OAP/A.1/Φ4.1/οικ.13686/21.2.2006.</p>
C.10	Sanitation — Drainage System, runoff retention tanks – filtering rainwater runoff etc.	The relevant hydraulic studies concerning the two bypasses at Yliki have been approved by the Independent Engineer (sanitation – drainage closed system and the runoff retention tanks).
C.11	Restoration works	The final landscaping and the final irrigation studies referring to the worksite area have been assigned and elaborated. It was submitted for approval to the Independent Engineer and was sent back to the designer for corrections and rectifications. A detailed topographic mapping of the site is elaborated to cover the requirements.
D.	Worksite Management and Maintenance related Issues	
D.1	Water flow protection	The terms and restrictions set by the said Joint Ministerial Decision on the protection of the waters used for the irrigation of the capital area from contamination and infection are taken into account, as described in various parts of this report.
D.2	Dust Control	<p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, the Check List, which is foreseen in the overall Action Plan and implemented along PATHE worksites, is being applied. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p> <p>The Check List was presented for information and implementation to the J/V supervising civil engineers and to the subcontractors that provide total services to the J/V.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		<p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. Taking or not these corrective actions is confirmed by the following controls.</p> <p>More specifically:</p> <ul style="list-style-type: none"> • No material combustion is carried out at the project site. • The worksite roads and the work execution sites are regularly wetted. • The trucks that transfer materials should not be overloaded and all trucks transferring loose materials should be covered. <p>It has to be noted that the materials required for the construction of the works are taken by environmentally licensed units.</p>
D.3	Noise – Mobile noise barriers	<p>The construction works of the motorway parking areas are executed in a non-urban area, away from sensitive receivers, and the construction noise is overshadowed directly by the road traffic noise.</p> <p>The machines and the vehicles used for the construction of the project have all the licenses and certificated foreseen by Law, including the European Community noise approval certificate.</p>
D.4	Liquid Waste	<p>An overall Environmental Management Plan, where the procedure of liquid management is included, has been elaborated according to the environmental terms and the current legislation.</p> <p>JMD 71560/3053/ OGG 665/B/85 has been replaced by JMD 98012/2001/96 (OGG 40B). In any case, regular checks are performed for the respect of the restriction and correct management of oils pursuant to the legislation, via inspections and questionnaire filling. The management of oils is conducted via licensed bodies, while the relevant file of acceptance documents and agreements is kept.</p>
D.5	The storage of fuel, lubricants or other dangerous substances is prohibited at 91 st and 97 th km	The term is met. Also, in the framework of the overall Action Plan for the monitoring of the Environmental Terms of the whole PATHE project, which includes protection measures for all those provided for in the environmental terms, regular compliance controls are conducted

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		pursuant to those referred to in the environmental terms . Relevant references are made for conformity in the event of derogations from those set out by the E.T.
D.6	Solid Waste	Recommendations, through regular inspections and check lists, are made when the rational and correct procedures for handling solid waste are not met. The immediate compliance with the stipulations of the Environmental Management Plan for the correct practice in waste management is checked.
D.7	Worksite Installations	No worksite infrastructure did operate at the area of Yliki at the reference time.
D.8	Fire Protection	Care is taken that, both for vehicles and project machines as well as in the worksite field, the relevant fire fighting means are in good condition and available for use in emergency situations.
D.9	Construction of New Jersey near the lake of Yliki	It refers to the E.T of the existing project and it has been taken into account at the existing motorway. As regards the new project of bypasses design, the containment wall has already been taken into account in the road study, which has been approved by the Independent Engineer.
E.	General Issues	
E.1	Obligation to comply with the Environmental Terms	The environmental terms of the project are met by all the competent bodies (Construction J/V, Independent Engineer/Concession, etc.)
E.2	Environmental Terms Compliance monitoring	<p>The Construction J/V has taken all necessary measures to ensure compliance with the Environmental Terms and to be able to resolve and restore any unfavourable environmental situations.</p> <p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, a Check List, which is provided in the Action Plan and is applied in all worksite areas of the PATHE motorway, has been completed. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		Also, the Construction J/V collaborates with a special advisor in order to form a group of scientists, which shall cover the whole environmental range.
E.3	Construction and Operation Expenses for the protection of the environment	The required percentage of the total budget of the operation/maintenance works that are necessary for the full compliance with the Environmental Terms and restrictions of the present JMD, has been ensured by priority. A detailed analysis regarding the expenses that are provided for the realization of protection works of the environment is included in the annual progress report on the compliance with the environmental terms.
E.4	Reports Transmission to the competent bodies	The term is met. The semiannual and annual report has been submitted.
E.5	Project Environmental Terms Validity	The Environmental Terms are in force. If the environmental terms of this Joint Ministerial Decisions are amended based on new scientific and technical data in the field of environment protection or for any other reason, the Joint Venture shall lawfully comply with the new terms. It is applicable to the Construction J/V offices.



**2.3 KASTRO – TRAGANA (JMD 33838/94/10.07.1995, JMD 103909/12.05.2006 and JMD
139132/30.04.2009)**

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
A.	Permit /Approval Issues	
A.1	Installation permits for any activity or installation required for the operation of the Motorway	<p>The procedures regarding the environmental permit and other permits or approvals are being followed.</p> <p>A file amending the environmental terms of Athens PATHE (Metamorfossi I/C) – Maliakos (Skarfia) for the environmental licensing of 10 parking areas and 2 location areas of the Motorist Service Stations (MSS) was submitted by EYPE with prot. no. 173067/5-6-2014.</p>
A.2	Providing information to Archaeological Services	<p>In any event the competent archaeological services are informed before the commencement of the construction works. The protocol nos. of correspondence with the respective Archaeological Services for the reference period are the following:</p> <p>The ID' EPKA Ephorate informed ,with no. 44489/11-8-2014, the construction J/V that has no objection of the construction of the parking areas at CH:</p> <ol style="list-style-type: none"> 1. 136+286 (direction to Lamia). 2. 135+420 (direction to Athens). 3. 127+800 (direction to Athens). 4. 124+880 (direction to Lamia). 5. 117+335 (direction to Lamia). 6. 117+730 (direction to Athens).
A.3	Works within forest areas	<p>The Construction J/V shall ensure the required opinions by the Forestries at site and before the commencement of the works. The protocol nos. of correspondence with the Forestries at sites for the reference period are the following:</p> <ul style="list-style-type: none"> • The Forestry of Atalanti gave its positive opinion with prot.no. 43416/04.07.2014 for the logging works required at CH. 124+880 (branch direction to Lamia).
B.	Design-related issued	
B.1	To ensure the uninterrupted flow of the surface waters	It refers to the old project and has been met. As regards the construction of the optimization projects, the respective studies have been elaborated and the uninterrupted flow of the surface waters is not affected.
B.2	Landscaping studies	The respective final landscaping studies and the final corresponding irrigation studies have been assigned and elaborated.
C.	Operation-related issues	

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
C.1	MSS and parking	An amendment file (EYPE 173067/5-6-2014 see paragraph A.1) for the MSS located in the suggested position of the EIS has been submitted to EYPE. In the respective file, the MSS area has been relocated with regard to the position suggested in the EIS. The construction works are expected to begin upon approval of the amendment file. The construction works of the parking areas have started at the locations and according to the specifications imposed by the approved environmental terms.
C.2	Traffic Volume	It refers to the operation of the project.
C.3	Worksite infrastructure	Nine (9) snow removal stations have been environmentally licensed along PATHE. The stations installed and in-operation are located in in Malakassa, Schimatari, Akrefnio, Martino and Tragana.
C.4	Traffic Noise	It refers to the operation of the project.
C.5	Air pollution by the operation	The technical landscaping and technical specifications report of the air pollution & meteorological data stations for PATHE motorway, was submitted for approval by EYPE. EYPE/YPEKA agreed with the proposed locations and the technical Specifications of the Stations (letter no. 195241/12-01-2011). The EARTH/YPEKA directorate approved the locations and the Technical Specifications (prot. no. 185799/8-03-2011)
C.6	Liquid waste by the operation	An overall Environmental Management Plan has been drawn up and submitted, where the procedure for the management of the liquid waste is included pursuant to the environmental terms and the current legislation. Moreover, a relevant file with agreements and orders for waste collection of oil management licensed businesses is kept. Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) on the conformance method. The performance of the corrective actions is checked via new inspections based on the check list.
D.	Construction and Maintenance Issues	
D.1	Waste Management	Recommendations, through regular inspections and check lists, are made when the rational and correct procedures for handling solid waste are not met. At the end of the works, the

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
		subcontractor is obliged to deliver the work are free of waste. The term is met.
D.2	Materials Combustion	Regular inspections are carried out in order to ensure compliance with the said E.T.
D.3	Water and soil protection	<p>JMD 71560/3053/ ΦEK 665/B/85 has been replaced by JMD 98012/2001/96 (OGG 40B).</p> <p>A general Environmental Management Plan, which includes procedure for handling liquid waste in compliance with the respective environmental terms and the applicable legislation, has been drawn up.</p> <p>Hand-over documents of that kind of waste as well as the relevant agreements are filed.</p>
D.4	Concrete, asphalt, stone processing and sand production units.	The materials needed for the optimization works of the said section, are provided by subcontractors disposing environmentally licensed units with the appropriate technology.
D.5	Materials for the construction of the project	The excavation materials by the optimization works are used in the project for the construction of the embankments, and if excess materials are needed, they will be ensured by environmentally licensed installations.
D.6	Disposal Pits	The term is met and the excavation materials are temporarily disposed within the works execution zones and are used for the construction of embankments.
D.8	Dust Control	<p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, the Check List, which is foreseen in the overall Action Plan and implemented along PATHE worksites, is being applied. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p> <p>The Check List was presented for information and implementation to the J/V supervising civil engineers and to the subcontractors that provide total services to the J/V.</p> <p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. Taking or not these corrective actions is confirmed by the following controls.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
		<p>More specifically:</p> <ul style="list-style-type: none"> • No material combustion is carried out at the project site. • The worksite roads and the work execution sites are regularly wetted. • The trucks that transfer materials should not be overloaded and all trucks transferring loose materials should be covered. <p>It has to be noted that the materials required for the construction of the works are taken by environmentally licensed units.</p>
D.9	Noise emissions by the construction	<p>The machines and the vehicles used for the construction of the project have all the licenses and certificated foreseen by Law, including the European Community noise approval certificate.</p> <p>The construction noise is overshadowed directly by the road traffic noise</p>
D.10	Fire Protection	<p>The term is met. Care should be taken both for the vehicles and the work field in order for the fire-fighting vehicles to be kept in good condition and available for use.</p>
E.	General Issues	
E.1	Obligation to comply with the Environmental Terms	<p>The environmental terms of the project are met by all the competent bodies (Construction J/V, Independent Engineer/Concession, etc.)</p>
E.2	Environmental Terms Compliance monitoring	<p>The Construction J/V has taken all necessary measures to ensure compliance with the Environmental Terms and to be able to resolve and restore any unfavourable environmental situations.</p> <p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, a Check List, which is provided in the Action Plan and is applied in all worksite areas of the PATHE motorway, has been completed. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
E.3	Construction and Operation Expenses for the protection of the environment	<p>The required percentage of the total budget of the operation/maintenance works that are necessary for the full compliance with the Environmental Terms and restrictions of the present JMD, has been ensured by priority.</p> <p>A detailed analysis regarding the expenses that are provided for the realization of protection works of the environment is included in the annual progress report on the compliance with the environmental terms.</p>
E.4	Annual Report Submission to EYPE	An annual and semiannual reference of the works progress and of the possible environmental problems raised is submitted to YPEHODE
E.5	Measures for preventing environmental implications of the EIA and AET	All measures for preventing environmental implications that are proposed in the EIA and that do not contravene this AET, are taken into account.
E.6	E.T. amendment to change the project Basic Characteristics	A file no. EYPE 173067/5-6-2014 amending the environmental terms of the Athens PATHE section (Metamorfossi I/C) – Maliakos (Skarfia) has been submitted for the environmental licensing of 10 parking areas and 2 location areas of the MSSs.
E.7	Modification of the current infrastructure projects	In case it is necessary, the relevant procedures shall initiate.
E.8	Project Environmental Terms Validity	The terms are in force.
E.9	Environmental Terms Amendment	If, because of evolutions on the environmental sector or for any other reason, the Environmental Terms of the present JMD are amended, the company shall comply with the new terms under the Law.
E.10	E.T. controllability by the competent authorities	It is applied for the Concessionaire's and the construction J/V's offices where there is also the JMD for the renewal of the validity of AET (Protocol No. 103910/12-05-2006).



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2.4 TRAGANA – ARKITSA (JMD 36795/94/10.07.1995 & JMD 103910/12.05.2006)

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
A.	Permit /Approval Issues	
A.1	Installation permits for any activity or installation required for the operation of the Motorway	<p>The procedures regarding the environmental permit and other permits or approvals are being followed.</p> <p>A file amending the environmental terms of Athens PATHE (Metamorfossi I/C) – Maliakos (Skarfia) for the environmental licensing of 10 parking areas and 2 location areas of the Motorist Service Stations (MSS) was submitted by EYPE with prot. no. 173067/5-6-2014.</p>
A.2	Works within forest areas	The Construction J/V shall ensure the required opinions by the Forestries at site and before the commencement of the works.
A.3	Providing information to Archaeological Services	<p>In any event the competent archaeological services are informed before the commencement of the construction works. The protocol nos. of correspondence with the respective Archaeological Services for the reference period are the following:</p> <p>The ID' EPKA Ephorate informed ,with no. 44489/11-8-2014, the construction J/V that has no objection of the construction of the parking areas at CH:</p> <ol style="list-style-type: none"> 7. 136+286 (direction to Lamia). 8. 135+420 (direction to Athens). 9. 127+800 (direction to Athens). 10. 124+880 (direction to Lamia). 11. 117+335 (direction to Lamia). 12. 117+730 (direction to Athens).
B	Design-related issued	
B.1	To ensure the uninterrupted flow of the surface waters	It refers to the old project and has been met. As regards the construction of the optimization projects, the respective studies have been elaborated and the uninterrupted flow of the surface waters is not affected.
B.2	Landscaping studies	The respective final landscaping studies and the final corresponding irrigation studies have been assigned and elaborated.
C.	Operation-related issues	
C.1	MSS and parking	Once the locations of the Motorists Service Stations and parking areas are finalized, the corresponding environmental term will be implemented.
C.2	Traffic volume	It refers to the operation phase of the project.
C.3	Worksite installation	The construction of MSS has been realized in an expropriated area in Atalanti I/C which, in

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
		conjunction with the MSS of Thiva and Kapandriti, serves the entire Motorway from Metamorfossi to Agios Konstantinos.
C.4	Traffic noise	It refers to the operation phase of the project.
C.5	Air pollution by the operation	<p>Air pollution measuring stations have been installed and operate in the area of Varympompi and Schimatari (Prot. No. 185799/8-3-2011 EARTH).</p> <p>The stations operate in a 24-hour basis and the prices of the below pollutants and parameters are recorded:</p> <ol style="list-style-type: none"> 1) The pollutants CO, NO_x, SO₂, O₃, PM₁₀, PM_{2,5}, (C₆H₆, C₇H₈ and xylene) 2) The meteorological conditions of each installation area <p>The Concessionaire submitted a Technical Report on location and technical specifications for the installation of additional meteorological monitoring stations, beyond those conventionally required, for environmental permitting.</p>
C.6	Liquid waste by the operation	It refers to the operation phase of the project.
D.	Construction and Maintenance Issues	
D.1	Coastal Environment Protection	Care will be taken so that any solid waste to be disposed under the current legislation and in case of non-temporary or permanent disposal at the sea.
D.2	Waste management	<p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, the Check List, which is foreseen in the Action Plan and implemented along PATHE, is being applied.</p>
D.3	Materials Combustion	Regular controls are conducted in order to assure the compliance with the E.T.; no violation of the term is noticed.
D.4	Waters and soil protection from the construction and maintenance	A general Environmental Management Plan, which includes procedure for handling hazardous liquid waste in compliance with the respective environmental terms and the applicable legislation, has been elaborated and submitted. A relevant file with agreements

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
		<p>and orders for waste collection of waste management licensed businesses has been created for the subcontractors.</p> <p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. The performance of corrective actions is checked via new inspections based on the check list.</p>
D.5	Noise by the construction	<p>The construction noise of the optimization works is overshadowed directly by the road traffic noise.</p> <p>The machines and the vehicles used for the construction of the project have all the licenses and certificated foreseen by Law, including the European Community noise approval certificate.</p>
D.6	Disposal pits	<p>So far, no disposal of materials has been performed in this section. In the event there is such a need, all restrictions set by the Environmental Terms and the applicable legislation will be met.</p>
D.7	Concrete, asphalt, stone processing and sand production units.	<p>The materials required for the optimization works are provided by subcontractors disposing environmentally licensed units.</p>
D.8	Materials required for the construction of the project	<p>The materials required for the construction of the optimization works are provided by subcontractors disposing environmentally licensed units.</p>
D.9	Use of excess excavated materials	<p>The term is met.</p>
D.10	Unfavorable alterations to existing structures	<p>The construction works carried out on the said section aim to improve the level of the motorway service.</p>
D.11	Archaeological sites protection by the operation of the worksite installations.	<p>It refers to the old project and has been met.</p> <p>No worksite installation is provided to operate within or near the archaeological sites.</p>
D.12	Fire Protection	<p>The term is met. Care is taken that, both for vehicles and project machines as well as in the worksite field, the relevant fire fighting means are in good condition and available for</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
		use in emergency situations.
D.13	Worksite Installations	No worksite location is provided for this section.
D.14	To ensure smooth connection between residential areas	The traffic interventions carried out to perform optimization works are conducted upon consent of the traffic police, while care is taken for the smooth connection between the residential areas.
D.15	Dust Control	<p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, the Check List, which is foreseen in the overall Action Plan and implemented along PATHE worksites, is being applied. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p> <p>The Check List was presented for information and implementation to the J/V supervising civil engineers and to the subcontractors that provide total services to the J/V.</p> <p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. Taking or not these corrective actions is confirmed by the following controls.</p> <p>More specifically:</p> <ul style="list-style-type: none"> • No material combustion is carried out at the project site. • The worksite roads and the work execution sites are regularly wetted. • The trucks that transfer materials should not be overloaded and all trucks transferring loose materials should be covered. <p>It has to be noted that the materials required for the construction of the works are taken by environmentally licensed units.</p>
E.	General Issues	
E.1	Obligation to comply with the Environmental Terms	The environmental terms of the project are met by all the involved parties (construction J/V, Independent Engineer / Concession, etc.)

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
E.2	Check on compliance with the Environmental Terms and monitoring possibility	<p>The Construction J/V has undertaken all necessary measures to ensure compliance with the E.T. and to be able to resolve and restore any unfavourable environmental situations.</p> <p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, a Check List, which is provided in the Action Plan and is applied in all worksite areas of the PATHE motorway, has been completed. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p> <p>Also, the Construction J/V collaborates with a special advisor in order to form a group of scientists, which shall cover the whole environmental range.</p>
E.3	Intervention or modification of the existing infrastructure projects.	The term is met.
E.4	Construction and Operation Expenses for the protection of the environment	The expenses for the protection and operation of the project are ensured by priority for the environmental protection projects, under the contractual obligations.
E.5	Annual Report Submission to EYPE	A semi-annual and an annual progress report with the possible problems arising in relation to the environment are submitted to the Ministry. In this section of the road, only maintenance and optimization works will be performed. Therefore, the clarifications on the content of the reports mainly concern the old project.
E.6	Compliance with the environmental terms and the EIA proposed ones that do not contravene the AET	All measures for preventing environmental implications that are proposed in the EIA and that do not contravene this AET, are taken into account.
E.7	Environmental Terms Amendment to change the Project's Basic Characteristics	A file no. EYPE 173067/5-6-2014 amending the environmental terms of Athens PATHE section (Metamorfossi I/C) – Maliakos (Skarfia) has been submitted for the environmental licensing of 10 parking spaces and 2 location areas for the Motorist Service Stations (MSS).
E.8	Specially protected zones – areas	All necessary protection measures are taken.
E.9	Project Environmental Terms Validity	The environmental terms are in force



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S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
E.10	E.T. Amendment	If the Environmental Terms of this JMD are amended due to developments in the field of the environmental science or for any other reason, the Joint Venture shall lawfully comply with the new terms.
E.11	E.T. controllability by the competent authorities	The term for the presence of the EIA isg applied to the Joint Venture's offices where the JMD of renewal of AET's effectiveness is also located (P.N. 103909/12-05-2006).



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2.5 ARKITSA – AG. KONSTANTINOS (JMD 39516/94/10.07.1995 & JMD 103908/12.05.2006)

S/N	ENVIRONMENTAL TERM	ΤΡΟΠΟΙ – ΜΕΘΟΔΟΙ ΑΞΙΟΛΟΓΗΣΗΣ ΤΗΡΗΣΗΣ Π.Ο.
A.	Permit /Approval Issues	
A.1	Installation permits for any activity or installation required for the operation of the Motorway	The procedures regarding the environmental permit and other permits or approvals are being followed. It refers to the construction phase and has been met. An additional environmental impact study on MSS construction, in the area of Arkitsa has been elaborated and submitted. The issue of MSS Environmental Conditions is expected in order for its construction to begin.
A.2	Works within the forest	It refers to the old project and has been met. Care will be taken before the commencement of the MSS construction.
A.3	Providing information to Archaeological Services	It refers to the old project and has been met. The competent archaeological services will be informed before the commencement of the MSS construction works.
B	Design-related issues	
B.1	Landscaping Studies	The final landscaping studies and the corresponding irrigation studies have been assigned and prepared.
C.	Operation-related issues	
C.1	Parking Spaces	The completion of the environmental permitting of Arkitsa MSS within 2015 is expected. Care is taken for those as provided for in the MSS study and the method of operation is described in detail.
C.2	Recording and Development program of micro-flora	It refers to the operation phase of the project.
C.3	Traffic Noise	It refers to the operation phase of the project.
C.4	Worksite infrastructure for services of the road needs	Nine (9) snow removal stations (with EYPE no. 122399/1-4-2010) have been environmentally licensed along PATHE. The stations installed and in-operation are located in in Malakassa, Schimatari, Akrefnio, Martino and Tragana.

S/N	ENVIRONMENTAL TERM	ΤΡΟΠΟΙ – ΜΕΘΟΔΟΙ ΑΞΙΟΛΟΓΗΣΗΣ ΤΗΡΗΣΗΣ Π.Ο.
C.5	Air pollution during the operation phase	It refers to the operation phase of the project.
C.6	Liquid waste generated by the operation	<p>A general Environmental Management Plan, which includes procedure ENV-P-01 for handling hazardous liquid waste in compliance with the respective environmental terms and the applicable legislation, has been elaborated and submitted. A relevant file with agreements and orders for waste collection of waste management licensed businesses has been created for the subcontractors.</p> <p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. The performance of corrective actions is checked via new inspections based on the check list.</p>
D.	Construction and Maintenance-related Issues	
D.1	Waste management generated by the maintenance	A Check List, which is provided in the overall Action Plan and is applied in all worksite areas of the PATHE motorway, has been completed. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms. The term is met.
D.2	Materials Combustion	Regular inspections are carried out in order to ensure compliance with the environmental terms.
D.3	Waters and soil protection from the maintenance	An overall Environmental Management Plan has been prepared and implemented, where the procedure on the waste management pursuant to the environmental terms and the current legislation is included.
D.4	Disposal Pits	It refers to the old project and has been met. So far, there is no need for disposals (temporary or permanent) in the said section and therefore there is no need for layout planning and licensing of such sites.
D.5	Fire Protection	Care is taken that, both for vehicles and project machines as well as in the worksite field, the relevant fire fighting means are in good condition and available for use in emergency situations.

S/N	ENVIRONMENTAL TERM	ΤΡΟΠΟΙ – ΜΕΘΟΔΟΙ ΑΞΙΟΛΟΓΗΣΗΣ ΤΗΡΗΣΗΣ Π.Ο.
D.6	Enlargement or construction of the lateral road to the seaward	It refers to the old project and has been met.
D.7	Required Materials for the construction of the project	It refers to the old project and has been met. It will be taken into account, during the construction phase of the MSS.
D.8	Worksite installations	The worksite location is not provided for this section of PATHE. It should be noted that the construction of the MSS does not require need to create the worksite area.
D.9	Dust Control	It refers to the old project and has been met. It will be taken into account during the construction phase of the MSS.
D.10	Passage of trucks transporting materials for the project.	It refers to the old project and has been met. It will be taken into consideration during the construction of the MSS.
D.11	To ensure uninterrupted connection between the residential areas	It refers to the old project and has been met.
D.12	Noise during the construction phase	It refers to the old project and has been met. It will be taken into account during the construction of the MSS. Also, the machines and the vehicles used for the optimization works have all the licenses and certificated foreseen by Law, including the European Community noise approval certificate.
E.	General Issues	
E.1	Obligation to comply with the Environmental Terms	The environmental terms of the project are met by al the involved parties (construction J/V, Independent Engineer / Concession, etc.)
E.2	Check on compliance with the Environmental Terms and monitoring possibility	The Construction J/V has undertaken all necessary measures to ensure compliance with the E.T. and to be able to resolve and restore any unfavourable environmental situations. An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions. More specifically, a Check List, which is provided in the Action Plan and is applied in all worksite areas of the PATHE motorway, has been completed. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental

S/N	ENVIRONMENTAL TERM	ΤΡΟΠΟΙ – ΜΕΘΟΔΟΙ ΑΞΙΟΛΟΓΗΣΗΣ ΤΗΡΗΣΗΣ Π.Ο.
		terms.
E.3	Intervention or modification of the existing infrastructure projects.	It refers to the old project and has been met.
E.4	Operation Expenses for the protection of the environment	The required percentage of the total budget of the operation and maintenance needed for the total compliance of the environmental terms and restrictions of the present JMD is ensured by priority. A detailed analysis regarding the expenses that are provided for the realization of protection works of the environment is included in the annual progress report on the compliance with the environmental terms.
E.5	Annual Report Submission to EYPE	A semi-annual and an annual progress report with the possible problems arising in relation to the environment are submitted to the Ministry. In this section of the road, only maintenance and optimization works will be performed. Therefore, the clarifications on the content of the reports mainly concern the old project. An annual and semi-annual progress report is submitted.
E.6	Compliance with the environmental terms and the EIA proposed ones that do not contravene the AET	All measures for preventing environmental implications that are proposed in the EIA and that do not contravene this AET, are taken into account.
E.7	Environmental Terms Amendment to change the Project's Basic Characteristics	A relevant file was previously carried out pursuant to those set out in Article 13 of the JDM 11014/703/Φ104/14.3.2003 for the construction and operation of the foreseen adjacent projects (buildings, tolls, TCC) of the said motorway section, which was also approved by EYPE with prot. No. 146696/ 18-11-2009.
E.8	Project Environmental Terms Validity	The environmental terms are in force.
E.9	E.T. Amendment	If the Environmental Terms of this JMD are amended due to developments in the field of the environmental science or for any other reason, the Joint Venture shall lawfully comply with the new terms.
E.10	E.T. controllability by the competent authorities	The term for the presence of the EIA is applied to the Joint Venture's offices where the JMD of renewal of AET's effectiveness is also located (P.N. 103909/12-05-2006).



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2.6 AG. KONSTANTINOS – K. VOURLA (JMD 85676/30-07-2002 & JMD 126386/4-06-2004)

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
A.	Permit / Approval Issues	
A.1	Installation permits for any activity or installation required for the operation of the Motorway.	No need for issuance of permit regarding the term on the Forest Areas during the operation phase. If needed in the future, it shall be met. The Concessionaire submitted, on behalf of the Greek State (with prot. no. 32929/4-2-2014) a study for the environmental licensing of the landslides protection works at Agios Konstantinos which are going to be carried out by the State.
A.2	Works within forest area	It refers to the old project and has been met.
A.3	Providing information to archaeological services	It refers to the old project and has been met.
B.	Design-related issues	
B.1	Landscaping – Forest Study	It refers to the old project and has been met.
B.2	Noise Protection Special Study	It refers to the operation and has been met.
B.3	STIS for ensuring air quality in tunnels	It refers to the operation and has been met.
B.4	Tunnels Fire Protection	It refers to the operation and has been met.
B.5	Uninterrupted flow of the surface water	It refers to the old project and has been met.
B.6	Study of slope stability	It refers to the old project and has been met.
C.	Operation-related issues	
C.1	Pollution generated by accident	The project was delivered by the Greek State to the Concessionaire for its operation, having constructed only five out of seven retention and separation reservoirs (tanks) of the motorway runoff. The construction of the remaining two reservoirs is expected by the Greek State.
C.2	Air Pollution Control during the operation phase	It refers to the old project and has been met.
C.3	Tunnels Emergency Communication System	It refers to the old project and has been met.
C.4	Ensuring escape –rescue from tunnels	It refers to the old project and has been met.
C.5	Tunnels Electronic Signage	It refers to the old project and has been met.
D.	Technical Structure issues	
D.1	Technical Structure Issues	It refers to the old project and has been met. It refers to the old project and has been met.

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		<p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p> <p>It refers to the old project and has been met.</p>
E.	Construction-related issues	
E.1	Materials Combustion	<p>Regular controls are conducted in order to assure the compliance with the E.T. and no violation of the term is noticed.</p> <p>The Environmental Terms Compliance Check List, which explicitly reports that the combustion of materials in the worksite is prohibited, was presented to the Construction J/V's supervising engineers. Furthermore, regular controls are conducted in order to assure compliance with the E.T. and it is found through inspections that no materials combustion is done.</p>
E.2	Management of waste materials	<p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, the Check List, which is foreseen in the overall Action Plan and implemented along PATHE worksites, is being applied. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms. Recommendations are made when the rational and correct procedures for handling solid and liquid waste are not met. The term is met.</p>
E.3	Archaeological Site Dafnountos of Protection Zone A	It refers to the old project and has been met.
E.4	Compliance with the safety rules	<p>The term is met.</p> <p>During the execution of the optimization works all the appropriate safety measures are taken, i.e. road signage for the execution of the works, drivers notification through the light-signaling system, while all traffic interventions were conducted with the agreement</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		<p>of the traffic police. Also the Construction J/V is staffed with a health and safety department which oversees the implementation and control of safety rules.</p>
E.5	Fire Protection	It is ensured that both vehicles and worksite are equipped with the relevant fire fighting means, in good condition and available for use.
E.6	Materials required for the construction of the project	Required materials, for the construction of the optimization works from units which dispose the permits and approvals required by law, including the environmental licensing.
E.7	Surplus excavation products	It refers to the old project and has been met.
E.8	Rivers protection from the construction works	<p>The term is met. The optimization works carried out in section were of small scale and duration, also the required materials were generated by installations which have all the legal permits including the environmental licensing.</p> <p>In the construction phase a general Action Plan for the monitoring of Environmental Terms for the entire project of PATHE has been elaborated and is implemented. This Action Plan includes protective measures for all the stipulations of the environmental terms. More specifically, a Check List, which is provided in the Action Plan and is applied in all worksite areas of the PATHE motorway, has been completed. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms from which corrective or preventive measures arise.</p> <p>The Check List has been presented to the joint venture's supervising engineers, as well as to any subcontractors that will provide the joint venture with their services. Regular inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. The performance of corrective actions is checked via new inspections based on the check list.</p>
E.9	Care to minimize the impact on the immediate natural surroundings	<p>It refers to the old project and has been met. The optimization works performed during the reference period are planned on the existing motorway.</p>
E.10	Topsoil management	It refers to the old project and has been met.
E.11	Opening up ancillary roads	It refers to the old project and has been met.

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
E.12	Dust control	<p>An overall Action Plan for monitoring the Environmental Terms of the PATHE Project has been drawn up and is currently being implemented. This Plan includes protection measures for all foreseen situations in the environmental provisions.</p> <p>More specifically, the Check List, which is foreseen in the overall Action Plan and implemented along PATHE worksites, is being applied. According to this checklist, regular inspections are carried out in order to ensure compliance with the environmental terms.</p> <p>The Check List was presented for information and implementation to the J/V supervising civil engineers and to the subcontractors that provide total services to the J/V. Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. Taking or not these corrective actions is confirmed by the following controls.</p> <p>More specifically:</p> <ul style="list-style-type: none"> • No material combustion is carried out at the project site. • The worksite roads and the work execution sites are regularly wetted. • The trucks that transfer materials should not be overloaded and all trucks transferring loose materials should be covered. <p>It has to be noted that the materials required for the construction of the works are taken by environmentally licensed units.</p>
E.13	Worksite areas	<p>It refers to the old project and has been met</p> <p>At the reference period, the Construction J/V does not dispose worksite installations for the improvement works. The works are carried out by subcontractors, with their own means, while the required materials are received from units which dispose the licenses and permits required by law, including the environmental licensing.</p>
E.14	Waters protection from maintenance	<p>The term is met.</p> <p>A general Environmental Management Plan, which includes procedure for handling hazardous liquid waste in compliance with the respective environmental terms and the applicable legislation, has been elaborated and submitted. A relevant file with agreements</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
		<p>and orders for waste collection of waste management licensed businesses has been created for the subcontractors.</p> <p>Inspections are conducted in the areas where construction works are executed and the respective check list is completed. Pursuant to the checks, in case of non-respect of the provisions, instructions are given (corrective actions) for the conformance method. The performance of corrective actions is checked via new inspections based on the check list.</p>
E.15	Noise generated by the construction	<p>The term is met.</p> <p>At the reference period, worksite installations do not operate; the improvement works performed at this section were of a small surface and short-limited, while the noise of the construction works is overshadowed by the traffic noise. All vehicles and machines used for the improvement works of PATHE dispose the required by law πιστοποιητικά τύπου ΕΚ περί θορύβου.</p>
E.16	Vibrations resulting from the construction works of the project	<p>It refers to the old project and has been met. At the reference period, the works performed were limited and of a small extent.</p>
E.17	Use of explosives	<p>It refers to the old project and has been met.</p>
F.	General Issues	
F.1	Obligation to comply with the Environmental Terms	<p>The environmental term of the project are met by the Construction J/V, the Independent Engineer, the Concessionaire, the subcontractors and their contractors.</p>
F.2	Construction and Operation Expenses for the protection of the environment	<p>The required percentage of the total budget of the motorway operation & maintenance works for the full compliance with the Environmental Terms and restrictions of the present JMD, has been ensured by priority. A detailed analysis regarding the expenses that are provided for the realization of protection works of the environment is included in the annual progress report on the compliance with the environmental terms.</p>
F.3	Concessionaire's Environmental Service	<p>The Construction J/V has created a special Environmental department, which is responsible for the control and the compliance with the Environmental Terms along Motorway from Metamorfossi I/C to Skarfia.</p>

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERMS: WAYS – METHODS OF ASSESSMENT
F.4	Modification of the Project's Basic Characteristics	<p>During the operation phase of the project, no differentiations have arisen and the new decision on the environmental terms approval is not required.</p> <p>It will be met, if needed.</p>
F.5	Annual Report Submission to EYPE	A semi-annual and an annual progress report with the possible problems arising in relation to the environment are submitted to the Ministry. In this section of the road, only maintenance and optimization works will be performed. Therefore, the clarifications on the content of the reports mainly concern the old project.
F.6	E.T. controllability by the competent authorities	JMD 85676/30-7-2002 and the respective EIS are in the offices of the construction J/V and is available to any control conducted by the competent services.
F.7	Project E.T. Validity	The Concessionaire has deposited an AEPO renewal file for PATHE section "Agios Kon/nos – K. Vourla" with prot. no. 28107/24.10.2012. The file was deposited within the time period foreseen in paragraph 4 of Article 5 of Law 4014/2011, thus the existing AEPO shall remain in force.
F.8	E.T. Amendment	No need for new Environmental Terms
F.9	Measures for preventing environmental implications of the EIA and AET	The measures for preventing environmental implications that are proposed in the EIA and that do not contravene this AET, are taken into account.



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2.7 K. VOURLA - MENDENITSA (JMD 67031/19-10-1998)

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
A.	Permit / Approval Issues	
A.1	Permits – approvals for any activity or installation required for the operation of the motorway	No need for licensing up to now. The respective environmental terms will be implemented, if needed.
A.2	Forest areas	It refers to the old project and has been met.
A.3	Providing information to Archaeological Services	It refers to the old project and has been met.
B.	Design-related issues	
B.1	To ensure the uninterrupted flow of surface waters	It refers to the old project and has been met.
C.	Construction-related issues	
C.1	Materials Combustion	Regular controls are conducted in order to assure the compliance with the E.T. and no violation of the term is noticed. The Environmental Terms Compliance Check List, which explicitly reports that the combustion of materials in the worksite is prohibited, was presented for information and compliance to the joint venture's supervising engineers. Furthermore, regular inspections are carried out in order to ensure compliance with the said E.T. and it is shown through controls that no material combustion is conducted.
C.2	Waste Management	Recommendations, through regular inspections and check lists, are made when the rational and correct procedures for handling solid waste are not met. The immediate compliance with the stipulations of the Environmental Management Plan for the correct practice in waste management is checked.
C.3	Materials required for the construction of the project	It refers to the old project and has been met.
C.4	Disposal of improper excavation products	It refers to the old project and has been met.
C.5	Worksite installations	It refers to the old project and has been met.
C.6	Protection of groundwater	It refers to the old project and has been met.
C.7	Fire Protection	It refers to the old project and has been met. It is ensured that both vehicles and worksite are equipped with the relevant fire fighting means, in good condition and available for use.
C.8	Noise during the construction phase.	It refers to the old project and has been met. The machines and the vehicles used for the construction of the project have all the

S/N	ENVIRONMENTAL TERM	ENVIRONMENTAL TERM: WAYS – METHODS OF ASSESSMENT
		licenses and certificated foreseen by Law, including the European Community noise approval certificate.
D.	General Issues	
D.1	Obligation to comply with the Environmental Terms	The Environmental Terms of the project are met by the Construction J/V, the Independent Engineer, the Concessionaire, the subcontractors and its advisors.
D.2	Construction and Operation Expenses for the protection of the environment	The required percentage of the total budget of the motorway operation & maintenance works for the full compliance with the Environmental Terms and restrictions of the present JMD, has been ensured by priority. A detailed analysis regarding the expenses that are provided for the realization of protection works of the environment is included in the annual progress report on the compliance with the environmental terms.
D.3	Modification of the Project's Basic Characteristics	During the operation of the project, there are no differentiations resulted and the new decision on environmental terms approval has not been required. It will be met, if necessary.
D.4	Annual Report Submission to EYPE	The annual and the 2nd semiannual report for 2013 have been submitted to EYPE with NEA ODOS S.A. letter no. 33607/17-03-2014, while the 1st semiannual report for 2014 was submitted to EYDE/DCEPA&IO with Nea Odos S.A. prot. no. 37287/14-10-2014
D.5	E.T. controllability by the competent authorities	It is kept into the Concessionaire's headquarters.
D.6	Project Environmental Terms Validity	The terms are under renewal. The study has been prepared and submitted to EYDE/CDEPA&IO (prot. No. 19689/17-06-2013) for renewal of the E.T. of the said section.
D.7	Amendment of the E.T. if, during the construction or operation phase of the project, the environment is inadequately protected.	No need for new Environmental Terms