

**TEMPLATE OF THE NATIONAL REPORT
TO BE PRESENTED BY EACH DELEGATION
DURING THE ASECAP STUDY AND INFORMATION DAYS
LISBON, 27 - 29 MAY 2015**

Network length

The total length for the entire toll infrastructure network in Greece is extending for 1.558,2 Kms. This length includes tunnels and bridges as well as open highway sections. In more detail there are 144,8 Kms with 2 x 1 lane section, 1.149 Kms with 2 x 2 lane sections, 262,5 Kms with 2 x 3 lane sections and 2,3 Kms with 2 x 4 lane sections.

Openings in 2015

It is anticipated that 99 additional Kms of toll road sections will become operational in 2015.

Investments

In the financial crisis in Greece, which started in 2010, found most of the interurban Motorway Projects under construction. Given that the rehabilitation, upgrading and construction were executed on the basis of Concession contracts, the Lending Institutions discontinued funding and construction slowed down or was suspended for about 3 years. However a reset has taken place successfully in late 2013 for 4 out of the 5 new Concession Projects, while the 5th one is in the pipeline for reset also. So, works have restarted and although details of the amount of investments in year 2014 are not known, it is estimated that investment has exceeded the 200 million Euro mark.

Financing

The table below presents globally the sources for the financing for the road concessions in Greece, the total cost of which is estimated at 8,5 billion Euro.

State Contribution	Toll revenue	Concessionaire Equity	Loans	Total
25%	25%	10%	40%	100%

Traffic

The total kilometres travelled in 2014 along all Greek Tollways were 7.562×10^6 , compared to 5.990×10^6 in 2013

Tolling system and tolling technologies used

The tolling system that is currently operational in the Greek tollways, is an “open” toll system, comprising mainly of Mainline frontal toll stations, together with some ramp stations on the entrance and exit ramps from the Toll Roads. The charge per Kilometer is ranging from 0,026 €/Km up to 0,06 € / Km, depending on the Tollway project and concession scheme. The toll stations provide the capability for manual toll payment, as well as electronically with means of ETC transponders and smart cards.

Toll rates

TOLL PLAZAS	2013				2014				Change of 2014 fees				Jan 2015			
	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Cat. 1	Cat. 2	Cat. 3	Cat. 4
Nea Odos																
Afidnes	1,50	2,10	5,30	7,45	2,35	3,35	8,45	11,85	57%	60%	59%	59%	2,30	3,30	8,30	11,60
<i>Kapandriti (ramp)</i>	0,85	1,20	3,00	4,25	1,40	2,05	5,10	7,15	65%	71%	70%	68%	1,40	2,00	5,00	7,05
<i>Malakasa (ramp)</i>	0,60	0,90	2,30	3,20	1,00	1,45	3,65	5,10	67%	61%	59%	59%	1,00	1,40	3,55	5,00
<i>Oinofyta (ramp)</i>	0,30	0,40	1,05	1,50	0,45	0,65	1,70	2,40	50%	63%	62%	60%	0,45	0,65	1,70	2,35
<i>Thiva (ramp)</i>	0,70	1,00	2,50	3,50	1,10	1,55	3,90	5,50	57%	55%	56%	57%	1,05	1,50	3,85	5,40
Thiva	1,80	2,55	6,45	9,00	2,75	3,95	9,85	13,85	53%	55%	53%	54%	2,70	3,85	9,70	13,55
Tragana	1,75	2,45	6,20	8,70	2,75	3,90	9,85	13,75	57%	59%	59%	58%	2,70	3,85	9,65	13,50
<i>Tragana (ramp)</i>	1,40	2,00	5,00	7,00	2,20	3,15	7,90	11,05	57%	58%	58%	58%	2,15	3,10	7,75	10,85
<i>Rigani</i>													1,45	2,10	5,30	7,40
E65																
Ag. Triada	1,15	1,65	4,15	5,80	1,15	1,65	4,15	5,80	0%	0%	0%	0%	1,15	1,65	4,15	5,80
<i>Molos (ramp)</i>					0,20	0,35	0,85	1,20					0,20	0,30	0,85	1,20
<i>Mpralos (ramp)</i>					0,30	0,45	1,15	1,60					0,30	0,45	1,20	1,70
Mavromantila													1,25	1,75	4,45	6,25
<i>Ag. Marina (ramp)</i>													0,85	1,20	3,05	4,25
<i>Stylida (ramp)</i>													0,45	0,65	1,65	2,30
Aegean Motorways																
Pelasgia	1,90	2,70	6,60	9,30	2,40	3,50	8,70	12,20	26%	30%	32%	31%	2,40	3,50	8,70	12,20
<i>Pelasgia (ramp)</i>													1,80	2,50	6,40	8,90
Moschochori	2,10	3,10	7,60	10,70	2,80	4,00	10,10	14,10	33%	29%	33%	32%	2,80	4,00	10,00	14,00
<i>Gyrtoni (ramp)</i>	0,50	0,70	1,80	2,60	0,50	0,70	1,80	2,50	0%	0%	0%	-4%	0,50	0,70	1,80	2,50
Markyhor	1,00	1,40	3,50	4,90	1,00	1,40	3,50	4,90	0%	0%	0%	0%	1,00	1,40	3,50	4,90
<i>Makryhor (ramp)</i>	0,80	1,10	2,80	4,00	0,80	1,10	2,80	3,90	0%	0%	0%	-3%	0,80	1,10	2,80	3,90
Pyrgetos	1,40	2,00	5,00	7,00	1,40	2,00	5,00	7,00	0%	0%	0%	0%	1,40	2,00	5,00	7,00
Leptokarya	1,40	2,00	5,00	7,00	1,40	2,00	4,90	6,90	0%	0%	-2%	-1%	1,40	2,00	4,90	6,80
<i>leptokarya (ramp)</i>	1,30	1,80	4,60	6,40	1,30	1,80	4,50	6,30	0%	0%	-2%	-2%	1,30	1,80	4,50	6,30
Kleidi	1,60	2,20	5,60	7,90	1,60	2,20	5,50	7,80	0%	0%	-2%	-1%	1,50	2,20	5,50	7,70
Egnatia																
Polymylos	1,70	2,40	6,00	8,40	1,70	2,40	6,00	8,40	0%	0%	0%	0%	1,70	2,40	6,00	8,40
Iasmos	1,70	2,40	6,00	8,40	1,70	2,40	6,00	8,40	0%	0%	0%	0%	1,70	2,40	6,00	8,40

Maakasi	1,70	2,40	6,00	8,40	1,70	2,40	6,00	8,40	0%	0%	0%	0%	1,70	2,40	6,00	8,40
Analipsi	1,70	2,40	6,00	8,40	1,70	2,40	6,00	8,40	0%	0%	0%	0%	1,70	2,40	6,00	8,40
Tyria	1,70	2,40	6,00	8,40	1,70	2,40	6,00	8,40	0%	0%	0%	0%	1,70	2,40	6,00	8,40
Moystheni	1,70	2,40	6,00	8,40	1,70	2,40	6,00	8,40	0%	0%	0%	0%	1,70	2,40	6,00	8,40
Malgara					0,80	1,20	3,00	4,20					0,80	1,20	3,00	4,20
Aktio					1,70	2,40	6,00	8,40					0,70	3,00	5,00	8,00
Olympia Odos																
Elefsina	2,20	3,20	8,10	11,40	1,50	2,10	5,40	7,60	-	-	-	-	1,50	2,10	5,40	7,50
Isthmos	2,20	3,20	8,10	11,40	1,20	1,80	4,60	6,50	45%	44%	43%	43%	1,20	1,80	4,60	6,40
Nea Peramos (ramp)	2,20	3,10	7,90	11,00	1,00	1,40	3,60	5,10	55%	55%	54%	54%	1,00	1,40	3,60	5,00
Ag. Theodoroi (ramp)	2,20	3,10	7,90	11,00	0,30	0,50	1,40	1,90	86%	84%	82%	83%	0,30	0,50	1,40	1,90
Pahi (ramp)					0,60	0,90	2,30	3,30					0,60	0,90	2,30	3,20
Zevgolatio	2,20	3,10	7,90	11,00	1,70	2,50	6,30	8,90	23%	19%	20%	19%	1,70	2,50	6,30	8,80
Rio	2,20	3,10	7,90	11,00	1,70	2,50	6,30	8,90	23%	19%	20%	19%	1,70	2,50	6,30	8,80
Moreas																
Spathovouni	1,80	2,50	6,40	9,00	1,70	2,50	6,40	8,90	-6%	0%	0%	-1%	1,70	2,50	6,30	8,90
Nestani	1,70	2,40	6,10	8,50	1,70	2,40	6,00	8,50	0%	0%	-2%	0%	1,60	2,40	6,00	8,40
Gefyra Manari	1,30	1,90	4,90	6,90	1,30	1,90	4,90	6,90	0%	0%	0%	0%	1,30	1,90	4,80	6,80
Veligosti	0,80	1,20	3,10	4,30	0,80	1,20	3,00	4,30	0%	0%	-3%	0%	0,80	1,20	3,00	4,20
Kalamata	1,00	1,40	3,50	5,00	1,00	1,40	3,50	5,00	0%	0%	0%	0%	0,90	1,40	3,50	4,90
Paradeisia (ramp)	0,50	0,70	1,80	2,60	0,50	0,70	1,80	2,50	0%	0%	0%	-4%	0,50	0,70	1,80	2,50
Arfaroi (ramp)	0,50	0,70	1,80	2,60	0,50	0,70	1,80	2,50	0%	0%	0%	-4%	0,50	0,70	1,80	2,50
Attiki Odos																
All plazas	1,40	2,80	7,00	11,20	1,40	2,80	7,00	11,20	0%	0%	0%	0%	1,40	2,80	7,00	11,20

2013:
payment
only in
one
direction

Gefyra									
	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Cat. 5	Cat. 6	Cat. 7	Cat. 8	Cat. 9
Toll	1,90	13,20	19,90	32,00	41,00	41,00	29,70	41,50	64,00

Vehicle categories for five Concessions and Egnatia tollways (apart from Attiki Odos and Gefyra)	
Category 1	Motorcycles
Category 2	Vehicles with or without a trailer, up to 2.20 metres high
Category 3	Vehicles of 2-3 axles, with or without a trailer, over 2.20 metres high
Category 4	Vehicles with or without a trailer, of 4 or more axles, over 2.20 metres high

Attiki Odos - Categories	
Category 1	Motorbikes and two-wheel motorcycles, one wheel per axle.
Category 2	Private use passenger cars, including passenger cars with a small trailer and roof rack, $h < 1.30$ m over the first two-wheel axle or $h < 1.30$ m. over the third axle.
Category 3	Light Commercial Vehicles up to 1.30m high over the first axle and a total height of less than 2.70m
Category 4	Cars with trailers up to $h < 1.30$ m high over the first axle and $h > 1.30$ m over 3 axles, as well as small mini-vans (less than 15 seats).
Category 5	Small and Medium HGVs, trucks, total height $h > 2.70$ m., with 2 or 3 axles and large buses (over 15 seats).
Category 6	Large HGVs, total height $h > 2.70$ m with 4 or more axles

Gefyra - Categories	
Category 1	Motorcycles
Category 2	Cars
Category 3	Trucks – 2 Axles
Category 4	Trucks – 3 Axles
Category 5	Trucks – 4+ Axles
Category 6	Trucks – 5+ Axles
Category 7	Coaches Up to 20 seats
Category 8	Coaches 20-40 seats
Category 9	Coaches more than 40 seats

Revenues

The annual toll revenue for year 2014 were 469 million Euros (excluding of VAT) compared to 516 million Euro in 2013

Safety

Indicate the following main *ratios*:

SAFETY			
	Definition and method of calculation	In number for one billion kilometres travelled in 2014	Kilometres travelled (106 x km)
Personal injury accident rate	The number of injured people for every 1 billion kilometers travelled along the motorway	52,23	7,562
Fatal Accident rate	The number of fatal accidents for every 1 billion kilometers travelled along the motorway	6,10	
Rate of dead	The number of fatalities for every 1 billion kilometers travelled along the motorway	3,96	

Long-term forecasts and tendencies

Significant actions already started (and/or to be achieved in 2014) and foreseen for 2015.

Due to the financial crisis, there have not been many changes and new systems that relate to the concessions in Greece. The only thing that is planned for 2015 is the wide implementation of APM (automatic payment via coin machines) in toll stations of interurban motorways. There are thoughts relating to the application of a hybrid toll regime, i.e a combination of “open” toll regime coupled with a “distance” base system for ETC users.

MAIN ASECAP KEY FIGURES

	Indicate below how you calculate each figure provided in the “2014” column	SUMMARY
Country: Greece - HELLASTRON		
Network length (Km).....	Main Line axis only - under operation today	1.558,2
2 x 1 lanes (Km).....		144,8
2 x 2 lanes (Km).....		1.149
2 x 3 lanes (Km).....		262,5
2 x 4 lanes (Km).....		2,3
Number of km in construction		468,9
Forecasts of opening motorways section	To operate in 2015	99
Annual toll revenues* (in millions of Euros)		469
VAT % (Indicate the VAT % percentage to the toll revenues)		23%

Permanent staff	Total	9.069
	Operation	3.073
	Construction	5.996
Average daily traffic (light vehicles)	<p>AADT for every Tollway calculated as: Weighted (by section length) average of all sections light vehicles AADT. AADT in each section is either measured (toll stations or traffic count stations) or estimated by traffic model.</p> <p>SUMMARY AADT calculated as: $(AADT_i * km_i + \dots + AADT_j * km_j) / \Sigma_{i-j} km$</p>	11.931
Average daily traffic (heavy vehicles)	<p>AADT for every Tollway calculated as: Weighted (by section length) average of all sections light vehicles AADT. AADT in each section is either measured (toll stations or traffic count stations) or estimated by traffic model.</p> <p>SUMMARY AADT calculated as: $(AADT_i * km_i + \dots + AADT_j * km_j) / \Sigma_{i-j} km$</p>	1.704
Average daily traffic (total = light + heavy vehicles)	Sum of the above	13.635
Total number of accidents	Injury & Fatal	342
Number of personal injury accidents	Main Line only	304
Number of dead	Main Line only	46

Fatality rate	SUMMARY FATALITY RATE calculated as: (FR_i*Vehicles-km_i ++ FR_j*Vehicles-km_j) / Σ_{i-j} Vehicles-km	6,1
Kilometres travelled (10 ⁶ x km)		7.562
Number of toll transactions (Total)	Main Line only.	192.537.128
Number of toll transactions (light vehicles):	Main Line only.	172.771.314
Number of toll transactions (heavy vehicles):	Main Line only.	19.765.814
Number of toll stations		97
Number of toll lanes	Physical Lanes	560
Number of ETC lanes	Max Number Operational Lanes	265
Number of ETC subscribers (Total):	ETC Transponders	607.417
Number of ETC subscribers (light vehicles):	ETC Transponders	577.496

Number of ETC subscribers (heavy vehicles):	ETC Transponders	27.921
Number of service areas (equipped with petrol stations)		36
Number of rest areas		127
Number of restaurants		35
Number of hotels		1

*please provide the figure
VAT and other taxes
excluded.