

HUNGARY
GENERAL REPORT 2015
ASECAP STUDY AND INFORMATION DAYS
MADRID, 23 - 25 MAY 2016

Network length



Length of the motorway network in Hungary as of 31 December 2015: 1.180 km.

The length of the motorway, expressway and trunk road sections operated by the Hungarian Public Road Nonprofit Pte Ltd Co. (MK NZrt.) as of 31 December 2015 are: 1071 km.

The Hungarian Public Road Company is responsible for the operation and maintenance of M1, M3, M30, M31, M35, M43, M7, M8 Motorways; M5 Motorway between km sections 13 - 17.4, M6 Motorway between km sections 14 - 22,3 and several expressways (M0, M2,...).

AKA Zrt. (AKA Alföld Concession Motorway Co. Ltd.) is a Concession Company responsible for the operation and maintenance of M5 Motorway between km section 17+400 and 173+895, total length of 156,5 km. Overall length of the bridges on the M5 motorway are 3,7 km. No more sections are foreseen at the moment to be included in this Concession.

M6 Duna Autópálya Koncessziós Zrt. (M6 Danube Concession Motorway Co. Ltd.) is a Concession Company responsible for the operation and maintenance of M6 between km sections 22+150 and 76+200 and M8 between km sections 5+750 and 10+300 which sections were opened to traffic on 11 June 2006. The bridges on the above motorways are 2,81 km long (including all types of bridges). No more sections are foreseen at the moment to be included in this Concession.

M6 Tolna Autópálya Koncessziós Zrt. (M6 Tolna Motorway Concession Ltd.) is a Concession Company responsible for the design, construction, finance, operation and maintenance of M6 motorway between km sections 76+200 and 141+300. The section was opened for traffic on 31 March 2010. Overall length of bridges (under and overpasses as well): 4,4 km. No more sections are foreseen at the moment to be included in this Concession.

MAK Zrt. (Mecsek Motorway Concession Private Company Limited by Share) is a Concession Company responsible for the design, construction, operation and maintenance, and as well as the financing of the these activities on the following motorway sections: M6 Motorway section between Szekszárd and Bóly and M60 Motorway section between Bóly and Pécs, as well as the M6/M9 interchange. Total of approx. 80 km motorway, including 4 twin tube tunnels (altogether 6.026m), 78 bridge structures, out of which 9 is considered as viaduct (total length of bridges is approx. 7 km), 2 operation and maintenance centres, 3 simple rest areas, 1 complex rest area with fuel station. The Motorway was opened for traffic in March 2010. The entire motorway section is part of the Hungarian toll (vignette) system. No more sections are foreseen at the moment to be included in this Concession.

Openings in 2015

Road No.	Location	Beginning	End	Length (km)
M43	Makó – border station	34+600	57+800	23,2
M85 (expressway)	M1 - Enese	0+000	6+800	6,8
M85 (expressway)	Enese - Csorna	13+800	20+800	7
M85-M86	Csorna ring road M85 M86	20+800 139+250 147+745	27+000 142+624 149+600	11,6
M86 (expressway)	Szeleste - Hegyfalu	98+300	105+800	7,5

Foreseeable Openings in 2016

Road No.	Location	Beginning	End	Length (km)
M86 (expressway)	Hegyfalu - Csorna	105+800	139+250	33,4

Investments

AKA Zrt.: Foreseeable investments are under negotiation like expansion of rest area and new facilities along the motorway.

M6 Duna Autópálya Koncessziós Zrt.: Invested amount in 2015 - 0 m€, foreseeable invested amount in 2016 - 0 m€.

M6 Tolna Autópálya Koncessziós Zrt.: Invested amount in 2015 - 0 m€, foreseeable invested amount in 2016 - 0 m€.

MAK Zrt. (Mecsek Motorway Concession Private Company Limited by Share): Invested amount in 2015 ~€1,3m, foreseeable invested amount in 2016 - €2,7m in the form of heavy maintenance. No expansion was performed and it is not foreseen.

Financing

The road user charging scheme is operated by National Toll Payment Services Private Company Limited By Shares means of e-vignettes, toll collection, penalty collection.

AKA: Project is financed by financial institutions (Lenders). AKA receives revenues from the State in form of availability fee during the operation period.

M6 Duna Autópálya Koncessziós Zrt.: Notes issued on the financial markets and loan from EIB, both guaranteed by a monoline insurer.

M6 Tolna Autópálya Koncessziós Zrt.: Notes issued on the financial markets and loan from EIB, both guaranteed by a monoline insurer.

MAK Zrt. (Mecsek Motorway Concession Private Company Limited by Share): Project is financed by financial institutions (banks) and the shareholders. MAK receives revenues from the State in form of availability fee during the operation period.

Traffic

AKA Zrt.

Year	Light	Heavy	Total
2014	19.161	5.427	24.588
2015	22.134	6.065	28.199
Variation 2015/2014	+15,5 %	+11,8 %	+14,7 %

M6 Duna Autópálya Koncessziós Zrt.: The traffic output was $288 \cdot 10^6$ vehicle km in 2014 for the M6-M8 in total; and $285 \cdot 10^6$ vehicle km in 2015. The growth (2014/2015 years) was -1,041%.

M6 Tolna Autópálya Koncessziós Zrt.: The traffic output was $176,3 \cdot 10^6$ vehicle km in 2014 for the M6 in total; and $195,5 \cdot 10^6$ vehicle km in 2015. The growth (2014/2015 years) was 10,9%.

MAK Zrt.: Please find below a table with the traffic figures of 2014 and 2015. Figures are in number of vehicles and are annual average daily traffic.

Year	Light	Heavy	Total
2014	3.833	727	4.560
2015	4.392	811	5.203
Variation 2015/2014	+14,58%	+11,55%	+14,10%

Hungarian Public Road Company:

The traffic output was $7402 \cdot 10^6$ vehicle km in 2015; and $6910 \cdot 10^6$ vehicle km in 2014. The growth (2015/2014 years) was 7,12 %.

The average daily traffic volume was 24.090 vehicle/day in 2014, and 25836 vehicle/day in 2015.

Tolling system and tolling technologies used

The responsible entity in Hungary is the National Toll Payment Services Plc. for operation of tolling system and toll collection.

E-vignette and purchase

The e-vignette user charge system applies to motorcycles, passenger cars and their trailers, as well as cargo vehicles with a maximum permissible gross weight of 3.5 tons, campers and buses, and their trailers. These vehicles are authorized to use the Hungarian toll speedway network's roads exclusively with pre-purchased – purchased prior to entering a toll speedway section – road use authorization, i.e. e-vignettes. The amount of toll charges depends on the category of the vehicle and the type of the e-vignette. The category of the motor vehicles must be determined according to the official entry that appears in the vehicle registration certificate, based on the maximum permissible gross weight of the motor vehicle and the number of persons it is allowed to transport. E-vignettes can be purchased by the usual methods: at the customer service offices and the points of sale of the National Toll Payment Services PLC (NÚSZ Zrt.), as well as at our online customer service, our contracted retailers, the fuel stations, and via text messages, online, phone calls and mobile purchase methods.

The methods of checking road use authorisation continue to be based on vehicle registration numbers. The Company calls attention to the relevant legal regulation, according to which all motorway sections (as well as highways) subject to tolls can be used only with a valid and (in terms of items such as registration number and validity period) properly validated e-vignette for the proper vehicle category, purchased prior to entering the motorway (or any other toll road). It is also important to remember that the signature of motorists purchasing vignettes in person – and the reply message of those buying vignettes via text messages – confirms the validity of the indicated data (registration number, toll category, start and end date of validity), therefore it is highly recommended to double check these data.

E-toll road use declaration and toll payment

In the distance-based HU-GO electronic toll system toll is required to be paid for all cargo vehicles and towing vehicles with a gross weight exceeding 3.5 tons, tractors (including semi-trailer towing vehicles), and all articulated vehicle combinations consisting of such a motor vehicle and a towed trailer or semi-trailer on the Hungarian public road network (motorways, highways, main routes).

The system complies with the European Union requirements and the directives of the European Electronic Toll Service (EETS). The rate of distance-based toll payment depends on the used road type, the category of the motor vehicle (J2, J3, J4), as well as its environmental classification. The toll collection system follows the principle “user and polluter pays”, according to which everybody pays in proportion to the rate of using the toll section of the Hungarian road network and the rate of environment pollution.

Road use purchase options in the HU-GO system

As a non-registered user, you can purchase your ad-hoc route ticket by:

- payment online by bank card through the www.hu-go.hu site or at a POS, or customer service office
- by route planning through a kiosk with payment at a POS, or customer service office.

Purchasing road use authorisation charging it against the balance of a registered user, which may be accomplished by:

- charging it to a pre-paid balance
- retrospective payment (post-paid)

Ad-hoc route tickets

Ad-hoc route tickets offer a convenient, fast solution for road users who wish to use the Hungarian toll road network only for relatively infrequent trips on a specific route. In this case purchasing road use authorisation is carried out without registration in the HU-GO system and can be completed within by providing the data of the vehicle and those required for route tickets. Instant payment for the ticket can be made online with a bank card.

Charging route ticket purchase against a balance

In case of purchasing a route ticket against a balance, the road user must register in the HU-GO system, which can be accomplished simply via the www.hu-go.hu web site. After providing basic information (name, contact, contact details, etc.) during registration, a user account is opened offering the following services:

- Opening current accounts
- Assigning vehicles to current accounts
- Detailed statements of current account transactions.

Post-paid option is available even to those registered road users who charge their route ticket purchase against their balance, if they meet the NÚSZ Zrt. customer qualification requirements.

Toll Declaration Methods

Route planning and route ticket purchase options:

- through the www.hu-go.hu website
- with the help of the route planner device (kiosk, tablet or computer) located at the HU-GO POS and customer service points
- at resellers (petrol stations, Truck Stops)
- through the HU-GO mobile application.

Toll declaration with on-board unit (OBU) that can be purchased:

- at our customer service offices
- at our resellers
- directly from the toll declaration operators.

E-vignette toll rates

TOLL CATEGORIES

Toll category D1: motorcycles and automobiles for up to 7 persons including the driver and with a maximum permissible gross weight of 3.5 t, and their trailers.

Toll category D2: all automobiles not included in category D1 for more than 7 persons, and cargo vehicles and campers of a maximum permissible gross weight of 3.5 t;

Toll category B2: buses;

Toll category U: trailers of vehicles in toll categories D2 and B2, for which the authorization must always be purchased for the registration number of the trailer.

Hungarian e-vignette gross fees 2015. (EUR)

Vehicle Category	National		Annual	
	Weekly (10 Days)	Monthly	National	Regional
D1M (motorcycles)	€ 4,66	-	-	-
D1 (motorcycles, ≤ 3,5 t automobiles for up to 7 persons and their trailers)	€ 9,42	€ 15,14	€ 136,15	€ 15,84
D2 (automobiles not included in category D1, for more than 7 persons, ≤ 3,5 t cargo vehicles and campers)	€ 18,85	€ 30,28	€ 136,15	€ 31,68
U (trailers of vehicles in categories D2 and B2)	€ 9,42	€ 15,14	€ 136,15	€ 15,84
B2 (Bus)	€ 42,40	€ 69,61	€ 633,47	€ 63,36

MFB exchange rate 31.12.2015. (1 EUR = 315,68 HUF)



Hungarian e-vignette gross fees 2014. (EUR)

Vehicle Category	Weekly (10 Days)	Monthly	Annual
D1M (motorcycles)	€ 4,67	-	-
D1 (motorcycles, ≤ 3,5 t automobiles)	€ 9,44	€ 15,17	€ 136,44
B2 (Bus)	€ 42,49	€ 69,76	€ 634,80

MFB exchange rate 31.12.2014. (1 EUR = 315,02 HUF)

HU-GO toll rates

The toll rate is determined in accordance with the requirements of the European Union, based on the road type, the vehicle category (J2, J3, J4) and the environmental (emission) classification.

VEHICLE CATEGORIES

J2 category: Heavy goods vehicle with a total weight over 3.5 tons with two axles

J3 category: Heavy goods vehicle with a total weight over 3.5 tons with three axles

J4 category: Heavy goods vehicle with a total weight over 3.5 tons with four or more axles

Gross price of road use - 2015. (EUR/km)

Environmental classification	Vehicle category / Road category					
	Category J2		Category J3		Category J4	
	Expressway	Main road	Expressway	Main road	Expressway	Main road
≥ EURO III.	0,14	0,06	0,20	0,10	0,29	0,18
EURO II.	0,17	0,07	0,23	0,12	0,36	0,22
≤ EURO I.	0,19	0,08	0,27	0,14	0,43	0,27

MFB exchange rate 31.12.2015. (1 EUR = 315,68 HUF)



Gross price of road use - 2014. (EUR/km)

Environmental classification	Vehicle category / Road category					
	Category J2		Category J3		Category J4	
	Expressway	Main road	Expressway	Main road	Expressway	Main road
≥ EURO III.	0,13	0,06	0,19	0,10	0,28	0,17
EURO II.	0,16	0,07	0,22	0,12	0,34	0,21
≤ EURO I.	0,18	0,08	0,26	0,13	0,41	0,26

MFB exchange rate 31.12.2014. (1 EUR = 315,02 HUF)

Revenues

On the basis of the Concession Agreement between the Republic of Hungary and the Concessionaire, the concession companies receive revenues from the State in form of availability fee payment. The availability fee is paid every month and can be varied subject to the availability of the motorway for the users.

AKA's revenue figures are published in its Annual Report.

M6 Duna Autópálya Koncessziós Zrt.: Received revenues in 2015: 52,8 m€

M6 Tolna Autópálya Koncessziós Zrt.: Received revenues in 2015: 44,6 m€

MAK does not wish to publish revenue figures. More than 98% of the revenue is the Availability fee income defined in the Concession Agreement throughout the 30 years concession period.

Safety

Accident data	MK NZrt.		AKA Zrt.		DAK Zrt.		TAK Zrt.	
	In number for one billion km-s travelled in 2015	Variation in % in 2014/2015	In number for one billion km-s travelled in 2015	Variation in % in 2014/2015	In number for one billion km-s travelled in 2015	Variation in % in 2014/2015	In number for one billion km-s travelled in 2015	Variation in % in 2014/2015
Personal injury rate	46,53	+16,6	0,05	20	M6 0,017 M8 0	M6 -42 M8 0	0,05	13
Fatal accident rate	2,21	-15,0	0,006	73	M6 0,014 M8 0	M6 300 M8 0 compared to 0	0,001	0 compared to 0,001
Rate of dead	2,62	-4,7	0,006	44	M6 0,014 M8 0	M6 300 M8 0 compared to 0	0,001	00 compared to 0,001

M6 Duna Autópálya Koncessziós Zrt.: Number of personal injury accidents has decreased comparing to the 2014 year's figures that means in figures 42% decrease (2014: 12; 2015: 5). There were 4 fatal accidents on the M6 motorway in 2015, and in 2014 there was one fatal accident. Nevertheless, these figures can not be considered as representative, since the accident rate is quite low on M6, therefore slight change of it could result in a high figure in percentage.

M8: There was no accident happened on the M8 motorway in 2015.

M6 Tolna Autópálya Koncessziós Zrt.: Number of personal injury accidents has a little increased in total comparing to the 2014 year's figures (2014: 8; 2015: 10). There was one fatal accident on the M6 motorway in 2015. Nevertheless, this figure cannot be considered as representative, since the accident rate is quite low on M6, therefore slight change of it could result in a high figure in percentage.

MAK: Please find below the accident statistics of the motorway section operated by our company.

Year	No. of accident involving fatalities	No. of accident with personal injury	No. of accident without personal injury	Total No. of accident	AADT
2010 (Mar-Dec)	0	3	32	35	5.287
2011	0	5	23	28	4.620
2012	0	3	27	30	4.197
2013	0	3	36	39	4.085
2014	1	4	35	40	4.560
2015	0	7	27	34	5.203

Hungarian Public Road Company: The number of fatalities, based on data of the past three years, has been the lowest in 2015. The number of fatal accidents has decreased 16 % in 2015.

Long-term forecasts and tendencies

- The long term road network development plans are no longer focusing on the ambitious motorway and expressway developments that were followed in the course of the past 4-6 years. The new plans concentrates rather towards sustaining proper maintenance level of the regional national road connections and the existing network.
- Besides the already implemented ITS applications (e.g.: VMS, CCTV) these developments will continue and a national architecture is started to be formed.
- Further development of electronic, distance-based toll system (DBT)

- M6 Duna Autópálya Koncessziós Zrt.: The Concession Period lasts 22 years plus 11 years in option starting from 2004. The Concessionaire has no plan at the moment - beyond the normal Operation and Maintenance works - for developing the motorway. Being the Concessionaire of the M6 between sections 22+150 – 76+200 and the M8 between sections 5+750 – 10+300 that is not the scope of our duties to report such tendencies.
- M6 Tolna Autópálya Koncessziós Zrt.: The Concession Period lasts 30 years starting from 2008. Beyond the normal Operation and Maintenance works the Concessionaire has no plans for developing the motorway. Being the Concessionaire of the M6 between sections 76+200 – 141+300 that is not the scope of our duties to report such tendencies.
- MAK: The Concession Company is a special purpose company established for the design, construction, operation and maintenance of the M6/M60 motorway during a 30 years period. Construction activity is completed in March 2010 and operation and maintenance activity will be performed in the remaining concession period. Official long term forecast for the development of the motorway network is outside of the scope of the Concession Company.

Significant actions already started (and/or to be achieved in 2015) and foreseen for 2016.

E-vignette system

Significant changes from previous years have been introduced in the toll decree of 2015 with respect to the toll-free sections, toll categories and type of e-vignette.

New products and toll categories has been introduced

In addition to the vignettes of the usual validity periods (weekly/10-day, monthly, annual), a new, county-based annual e-vignette type will become available for vehicles in Categories D1M, D1, D2, U and B2. The toll road networks of one or more counties can be used with the **regional vignette**. The validity period of this e-vignette type will be the same as the validity period of the annual authorization.

Annual regional e-vignettes can be purchased for the counties which have toll road networks (15 out of 19).

The scope of validity of the regional vignette extends outside the relevant county, up to the first junction past the county border.

New toll categories are as follows:

Toll category D2: automobiles for more than 7 persons including the driver, and cargo vehicles and campers of a maximum permissible gross weight of 3.5 tons.

Toll category U: trailers of vehicles in categories D2 and B2.

TOLL CATEGORY	PERIOD	NATIONAL		ANNUAL NEW!	
		WEEKLY (10-DAY)	MONTHLY	NATIONAL	REGIONAL
D1M (motorcycles)		HUF 1,470	-	-	-
D1 (motorcycles, ≤ 3.5 t automobiles for up to 7 persons, and their trailers)		HUF 2,975	HUF 4,780	HUF 42,980	HUF 5,000
D2 (automobiles not included in Category D1, for more than 7 persons, ≤3.5 t cargo vehicles and campers)	NEW!	HUF 5,950	HUF 9,560	HUF 42,980	HUF 10,000
U (trailers of vehicles in Categories D2 and B2)	NEW!	HUF 2,975	HUF 4,780	HUF 42,980	HUF 5,000
B2 (buses)		HUF 13,385	HUF 21,975	HUF 199,975	HUF 20,000

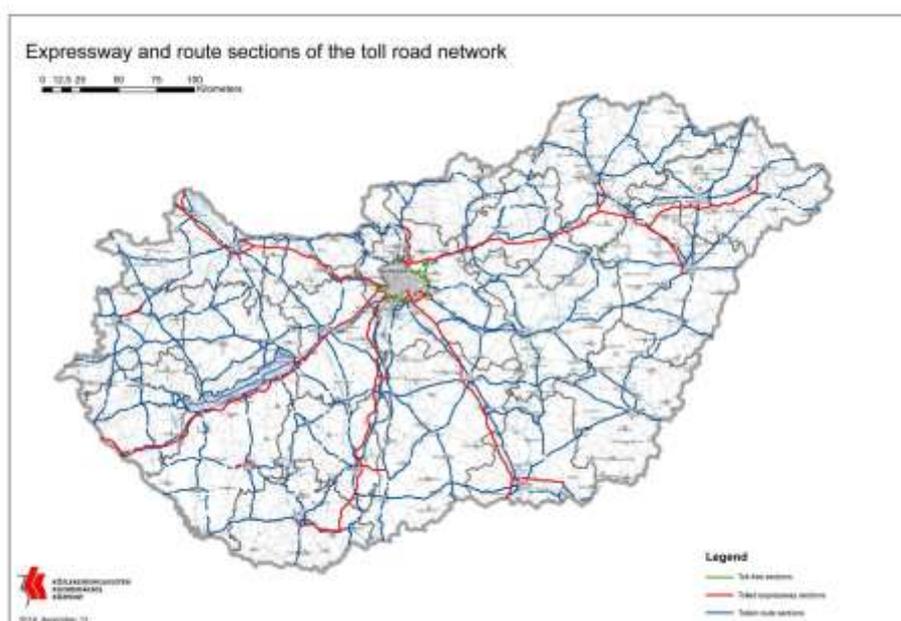
D1M	4,74			
D1	9,60	15,42	138,65	16,13
D2	19,19	30,84	138,65	32,26
U	9,60	15,42	138,65	16,13
B2	43,18	70,89	645,08	64,52

The toll schedule is valid from 1 January 2015. The tolls are gross amounts, inclusive of VAT (exch. rate : 310 HUF/EUR)

HU-GO system

According to EU legal directives we have divided the Bound Service Provider and the Toll Collector accounting systems of the HU-GO.

The length of the HU-GO tolled network is currently 6690 km.



The categories are the same, but the gross price has been increased with 5% from 01.01.2015.

Gross price of road use (HUF / km), valid from 01.01.2015

Vehicle category / Road category	J2 category		J3 category		J4 category	
Environmental Classification	Expressway	Main road	Expressway	Main road	Expressway	Main road
≥ EURO III	44.54	18.95	62.49	32.80	91.04	56.78
EURO II	52.40	22.29	73.52	38.59	113.80	70.98
≤ EURO I	60.26	25.63	84.55	44.38	136.56	85.18

Gross price of road use (EUR / km), exc. rate: 310 HU/EUR

Vehicle category / Road category	J2 category		J3 category		J4 category	
Environmental Classification	Expressway	Main road	Expressway	Main road	Expressway	Main road
≥ EURO III	0,1437	0,0611	0,2016	0,1058	0,2937	0,1832
EURO II	0,1690	0,0719	0,2372	0,1245	0,3671	0,2290
≤ EURO I	0,1944	0,0827	0,2727	0,1432	0,4405	0,2748

MAIN ASECAP KEY FIGURES

Country: HUNGARY	2015 Figures					
	AKA	M6 Duna	M6 Tolna	MAK	Magyar Közút	NÚSZ
Network length (Km) 2 x 2 lanes 2x3 lanes	156,5	54,05	65,1	80	768	
Number of km in construction				-	33,4	
Forecasts of opening motorways section				-	33,4	
Annual toll revenues* (in millions of Euros)	see the Annual Report			n/a		
VAT % (Indicate the VAT % percentage to the toll revenues)	27					
Permanent staff	n/a	5	5	6		
Average daily traffic (light vehicles)	22.134	12.586	7.239	4.392	20.929	
Average daily traffic (heavy vehicles)	6.065	1.676	987	811	5.508	
Average daily traffic (total = light + heavy vehicles)	28.199	14.262	8.226	5.203	25.836	
Total number of accidents	474	46	61	34	2.066	
Number of personal injury accidents	82	5	10	4	337	
Number of dead	10	4	1	0	19	
Fatality rate					2,2	
Kilometres travelled (106 x km)	1.490				7.402	
Number of toll transactions (Total)						
Number of toll transactions (light vehicles):						
Number of toll transactions (heavy						

vehicles):						
Number of toll stations				0		
Number of toll lanes						
Number of ETC lanes						
Number of ETC subscribers (Total):						
Number of ETC subscribers (light vehicles):						
Number of ETC subscribers (heavy vehicles):						
Number of service areas (equipped with petrol stations)	12	2	2	1	52	
Number of rest areas	18	4	4	3	70	
Number of restaurants	5			0	35	
Number of hotels	3			0	11	

* please provide the figure VAT and other taxes excluded.