ASECAP STUDY AND INFORMATION DAYS MADRID, 23 - 25 MAY 2016

Naradna dialnicna spolocnost,a.s. – SLOVAK REPUBLIC National Motorway Company

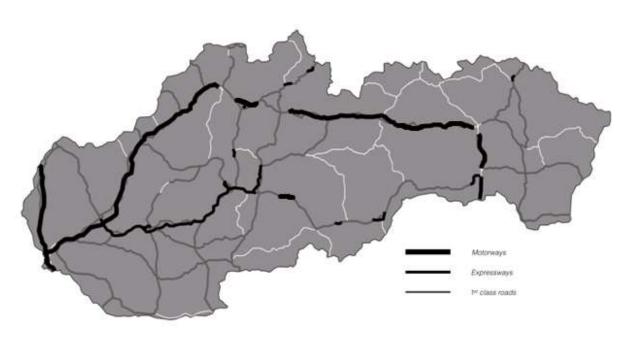
Network length

From 1 January 2010, the system of network charging had changed. Except for the vignette system which is still valid for vehicles under 3.5 t, the Slovak Republic introduced a multi-lane, free flow electronic tolling system. In principle, all commercial vehicles with a maximum allowable mass extending 3.5 tons are subject to a distance based toll charge. This toll depends on the road category, the vehicle category, which is established through the number of axles and emission class of the vehicle. In residential area, toll rate is zero.

Currently charged road network in the Slovak Republic

category	motorways	expressways	1 st class roads	bypasses outside residential areas	residential areas
under 3.5 t	✓	✓	X	x	x
over 3.5 t	✓	✓	√ *	✓	х

^{*} approx. 49% of 1st class road network



Type of road	Road	2014	2015
	specificatio	(km in operation)	(km in operation)
	n		
Motorways	D1	308.880	346.444
	D2	70.699	70.699
	D3	8.905	8.905
	D4	6.995	6.995
Expressways	R1	164.669	164.669
	R2	29.558	45.338
	R3	17.756	17.756
	R4	24.070	24.070
	R6	2.251	2.251
1st class roads*	I/11	27.287	27.287
	I/12	3.057	3.057
	I/13	10.930	10.930
	I/15	35.257	35.257
	I/18	229.008	229.022
	I/2	51.776	51.776
	I/49	8.933	8.933
	I/50	307.573	307.573
	I/51	114.978	114.978
	I/59	72.258	72.089
	I/61	112.508	112.508
	I/62	32.798	32.798
	I/63	67.329	67.329
	I/64	67.271	67.271
	I/65	95.998	95.998
	I/66	80.059	80.059
	I/68	23.267	23.267
	I/69	11.411	11.411
	I/70	10.911	10.911
	I/72	31.991	31.991
	I/73	37.481	37.481
	I/75	94.484	98.344
	I/76	43.381	43.381
	I/79	66.005	66.005
Total length		2269.764	2337.483

* National Motorway Company owns only motorways and expressways but is a toll collector on some 1st class roads too. Therefore later in presentation there are published only figures regarding to motorway and expressway network, but revenues contain also 1st class roads.

Tunnels and bridges charging policy

In the Slovak Republic, there are not any special rates for tunnels or bridges. Both of them are charged according to rules of charging for motorways, expressways and 1st class roads. If the tunnel or bridge is a part of section charged by zero rate, they are both charged by the rate zero.

Tunnels and bridges which are part of motorways and expressways

Road	Tunnel		Bri	dge
	Number Length (m)		Number	Length (m)
Motorways	5	8 603	430	48 566.51
Expressways	0	0	296	22 863.89
Total	5	8 603	726	71 430.4

Openings in 2016

NDS is planning to open following sections in 2016:

Name	Name of the section			
D3	Svrcinovec – Skalite – border crossing SR/PR	15.460		
	Zvolen, east - Pstrusa	7.850		
R2	Ruskovce - Pravotice ½ profile			
Total	32.870			

Investments

Narodna dialnicna spolocnost, a.s. (NMC) invested to new sections construction in **2015**:

892,772,979 €

For motorways, expressways and selected I. class roads in operation invested for reconstruction, maintenance and operation:

58,234,848 €

For **2016**, there is planned for new sections construction:

1,130,926,436 €

and for reconstruction, maintenance and operation:

74,152,924 €

Building sites in operation as for the 31.12.2015

Name	Name of the section				
	Nova Polhora, feeder	1.452			
	Triblavina, intersection	1.63			
D1	Hubova - Ivachnova	15.28			
	Hricovske Podhradie – Lietavska Lucka	11.32			
	Lietavska Lucka – Visnove – Dubna Skala	13.51			
	Skalite – border crossing SR/PR (half profile)	3.18			
D3	Svrcinovec – Skalite (half profile)	12.28			
	Zilina, Strazov – Zilina, Brodno	4.25			
BO	Zvolen, east - Pstrusa				
R2	Ruskovce – Pravotice (half profile)				
Total :	length in km	80.312			

New building sites to be opened in 2016

Name	Name of the section			
	Triblavina, intersection	1.630		
D1	Budimir - Bidovce			
	Presov, west – Presov, south	7.870		
D3	D3 Cadca, Bukov - Svrcinovec			
Total 1	Total length in km			

Financing

NDS is funded through a multi-pillar system. It disposes of the following funding resources:

- 1. State Budget
- 2. Funds of the European Union
- 3. NDS loans
- 4. Vignettes and toll
- 5. Other (rent, services...)

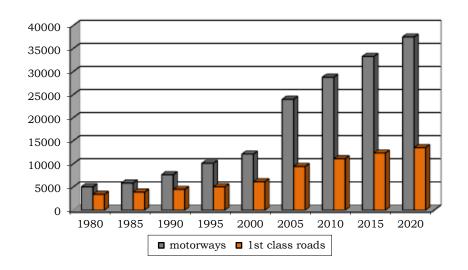
The maximum part of such funds is used for the construction of motorways and expressways.

Traffic

Year/GDP	I. quarter (mil. €)	II. quarter (mil. €)	III. quarter (mil. €)	IV. quarter (mil. €)
2014	17 419.7	18 841.7	19 937.4	19 361.6
2015	17 858.6	19 424.7	20 618.6	20 168.9

Traffic growth in Slovakia is in accordance with the Gross Domestic Product. Data on traffic development are from the State Traffic Counting performed every 5 years (in the period 1980-2010) and are forecasted for the period 2015-2020.

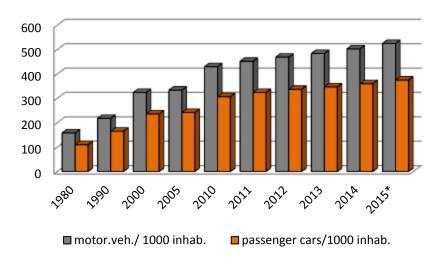
Year	Motorways	1st class roads	Year	Motorways	1st class roads
1980	5066	3428	2005	24002	9466
1985	5895	3928	2010	28782	11129
1990	7686	4500	2015	33315	12368
1995	10147	5070	2020	37531	13546
2000	12150	6164			



	no. of inhabitants	no. of vehicles	no. of light vehicles	motor.veh./	passenger cars/1000
Year	(thous.)	(thous.)	(thous)	1000 inhab.	inhab.
1980	4996	790	552	158	110
1990	5311	1156	876	218	165
2000	5403	1752	1274	324	236
2005	5389	1801	1303	334	242
2010	5435	2339	1669	430	307
2011	5404	2442	1749	452	324
2012	5410	2537	1824	469	337
2013	5415	2623	1880	484	347
2014	5421	2726	1949	503	360
2015	5424*	2844	2035	525	375

^{*} as of 30.09.2015

Motorization level



Traffic volume especially on motorways has a rapid increasing trend caused by growing of number of vehicles on road network but also thanks to acceleration of new motorway sections construction in the Slovak Republic.

Tolling system and tolling technologies used

In 2015, vehicles were divided into 2 groups according to weight of vehicle:

- 1. below 3.5 t (vignette system)
- 2. over 3.5 t (ETC system)

1. Vignette system

Types of vignettes for the year 2015 were:

- 1. Year vignette
- 2. Month vignette
- 3. 10 days vignette

All types of vignettes are both for motor vehicles (category M1, N1, M1G and N1G) and trailed vehicles (category O1, O2). Vignette for trailed vehicle is necessary when total weight of motor vehicle and trailed vehicle exceed 3.5 t.

Vignettes for 2015

	One - year vignettes				
1	Motor vehicles up to 3.5 t	50 €			
2	Trailed vehicle	50 €			
	Month vignettes				
1	Motor vehicles up to 3.5 t	14 €			
2	Trailed vehicle	14 €			
	10-days vignettes				
1	Motor vehicles up to 3.5 t	10 €			
2	Trailed vehicle	10 €			

2. Electronic toll collection system:

The Slovak Electronic Toll Collection System (ETC system) uses technologically innovative "hybrid" OBUs integrating three technologies:

- satellite GPS technology for determining the position collection of data about the use of Specified Road Sections,
- GSM/GPRS technology for the communication within mobile networks serving for the transmission of data among the OBU and other information subsystems within the Electronic Toll System,
- microwave DSRC technology for short-distance communication serving for the control of toll payers within the toll collection control process.

Tolled road network

In 2015 ETC system continues to operate more than 17,000 km of roads, integrated in the system since 2014. Besides that it expanded on about 57 km of newly built sections.

Toll rates

Since 2014, ETC system continues using specified tolling strategy - favoring higher emission class vehicles, as well as reducing avoidance primary road network through parallel 1st class roads (by equalization of toll rates on 1st class roads parallel with motorways and expressways with toll rates on motorways and expressways), and also providing discounts for every vehicle depending on driven km.

Toll rates on road network covered only with traffic monitoring (part of the 1st class road network, total 2nd and 3rd class road network) equals zero for all vehicles.

Toll rates for the use of specified sections of motorways and expressways

	Vehicle category		Emission class		
			EURO 0 – II	EURO III, IV	EURO V, VI, EEV
	3.5 t –	to 12 t	0.103 €	0.093 €	0.080 €
	12 t and more	2 axles	0.221 €	0.200 €	0.172 €
Heavy		3 axles	0.233 €	0.211 €	0.181 €
vehicles		4 axles	0.242 €	0.219 €	0.188 €
		5 axles	0.233 €	0.211 €	0.181 €
	3.5 t – to 12 t		0.060 €	0.050 €	0.030 €
Busses	12 t ar	nd more	0.110 €	0.100 €	0.060 €

Toll rates for the use of specified sections of the 1st class roads parallel with motorways and expressways

	Vehicle category		Emission class			
			EURO 0 – II	EURO III, IV	EURO V, VI, EEV	
	3.5 t – to 12 t		0.103 €	0.093 €	0.080 €	
		2 axles	0.221 €	0.200 €	0.172 €	
Heavy	12 t and	3 axles	0.233 €	0.211 €	0.181 €	
vehicles		4 axles	0.242 €	0.219 €	0.188 €	
		5 axles	0.233 €	0.211 €	0.181 €	
	3.5 t – to 12 t		0.040 €	0.030 €	0.020 €	
Busses	12 t aı	nd more	0.080 €	0.070 €	0.040 €	

Toll rates for the use of specified sections of the 1st class roads not parallel with motorways and expressways

	_		Emission class			
	Vehicle category		EURO 0 – II	EURO III, IV	EURO V, VI, EEV	
	3.5 t -	to 12 t	0.080 €	0.072 €	0.062 €	
		2 axles	0.172 €	0.156 €	0.133 €	
Heavy	12 t and	3 axles	0.181 €	0.164 €	0.140 €	
vehicles	more	4 axles	0.185 €	0.167 €	0.143 €	
		5 axles	0.181 €	0.164 €	0.140 €	
	3.5 t -	to 12 t	0.040 €	0.030 €	0.020 €	
Busses	12 t ar	nd more	0.080 €	0.070 €	0.040 €	

Revenues

Vignette	2014	2015	% growth
Yearly	33 289 623	35 278 708	5.98%
Monthly	4 356 240	4 677 633	7.38%
10 days	18 366 032	19 280 550	4.98%
Total	56 011 896	59 236 892	5.76%

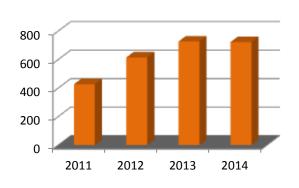
Toll collection		2014	2015	% growth
II 1. : . 1	3.5 t – 12 t	14 346 810	13 933 589	-2.88%
Heavy vehicles	over 12 t	163 220 284	168 090 168	2.98%
D	3.5 t - 12 t	271 129	264 035	-2.62%
Busses	over 12 t	5 561 626	5 101 483	-8.27%
Total		183 399 850	187 389 274	2.18%

There is a total rise in revenues of vignettes 5.76 % and rise in revenues of toll 2.18 % comparing years 2014 and 2015. Revenues only from motorways and expressways are **64**% of whole toll revenue.

Safety

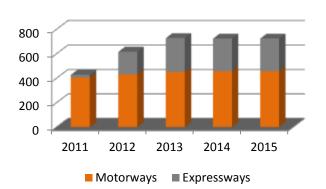
Table below shows number of all accidents (fatal, seriously and slightly injured), on road network in the Slovak Republic. Significant reduction in number of accident was caused by a change of legislation in 2009. Since 2009 legislation increased the minimum amount of damage, when police forces have to be called and accidents were divided into casualty (accidents with a little damage which are not solved by police forces but through insurance company directly) and accidents (when the police forces are called). Until 2011, there was not any difference between accidents on motorways and expressways mainly because of small amount of expressways network. Since 2011, the table shows only accidents on motorways and expressways. Data are registered statistically and shown in tables. Chart below shows only data since 2011 due to above mentioned. Increasing of number of accidents can be caused by increasing of expressway network.

Year	No. of accidents	Fatal injury	Seriously injured	Slightly injured
2000	50932	628	2204	7890
2005	59991	560	1974	8516
2010	4270	135	367	1695
2011	427	9	30	-
2012	615	8	37	195
2013	727	14	41	164
2014	723	17	42	216
2015	710	19	61	212



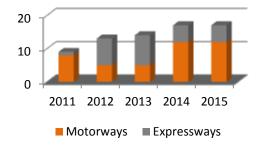
Number of accidents

Year	No. of accidents			
	Motorways Expressways			
2011	405	22		
2012	430	185		
2013	449	278		
2014	456	267		
2015	442	268		



Number of fatal injuries

Vaca	No. of fatal injuries			
Year	Motorways	Expressways		
2011	8	1		
2012	5	8		
2013	5	9		
2014	12	5		
2015	13	6		



	Definition and method of calculation	In number for one billion kilometres travelled in 2015*	2014	2015	Variation in % in 2014/2015
Personal	People that have received any injury except for				
injury rate	one time treatment that do not require	x	258	273	+5,8 %
	specialist's examination or sick absence				
Fatal	Number of people that have received very serious				
accident rate	injuries leading to their death at the moment of		17	19	+12%
	the accident or within 24 hours subsequent to	X	17	19	+12 %
	the accident				
Rate of dead*	No measuring of this figure	x	x	x	x

^{*} this figure is not measured in the Slovak Republic. Kilometres travelled are counted at the basis of heavy vehicles (vehicles over 3.5 t) and injuries include also injuries caused by personal vehicles (vehicles under 3.5 t)

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

Since January 2016 a new system of electronic vignette has started, greatly increasing customer's comfort – not only by removing the requirement of sticking a vignette on the windscreen, but also greatly expanding the opportunities for customer services, in addition to the actual gas stations via the Internet and mobile application.

MAIN ASECAP KEY FIGURES

Country: Slovak Republic	Indicate below how you calculate each figure provided in the "2015" column	2015 Figure
Network length (Km)	Figure include motorways and expressways	700 km
Number of km in construction	Summary of lengths of each building site in operation	80,312 km
Forecasts of opening motorways section	Summary of lengths of each section planned to be opened in 2016	29,57 km
Annual toll revenues* (in millions of Euros)	Summary of all revenues from vignettes and ETC	246.6 mil. €
Annual ETC revenues from motorways and expressways* (in millions of Euros)	Summary of revenues from ETC for motorways and expressways only	119.6 mil. €
VAT % (Indicate the VAT % percentage to the toll revenues)	VAT rate is the Slovak Republic	20%
Permanent staff	Number of permanent staff without any agreement based contracts	1 450
Average daily traffic (light vehicles)	Average of measured data between	17 587
Average daily traffic (heavy vehicles)	individual intersections	5 326
Average daily traffic (total = light + heavy vehicles)		22 913

Total number of accidents	Total number of accidents when the police forces were called	710
Number of personal injury accidents	People that have received any injury except for one time treatment that do not require specialist's examination or sick absence	273
Number of dead	Number of people that have received very serious injuries leading to their death at the moment of the accident or within 24 hours subsequent to the accident	19
Fatality rate		x
Kilometres travelled		1 636 mil.
Number of toll transactions (Total) Number of toll transactions (light vehicles): Number of toll transactions (heavy vehicles):	Number of transactions in ETC for vehicles over 3.5. t including busses	659 mil.
Number of toll stations		x
Number of toll lanes		x
Number of ETC lanes		X
Number of ETC subscribers (Total): Number of ETC subscribers (light vehicles): Number of ETC subscribers (heavy vehicles):	Number of OBUs in ETC for vehicles over 3.5. t including busses	257 694

Number of service areas (equipped with petrol stations)	Number of service areas on both sides of motorways and expressways	40
Number of rest areas	Number of all rest areas on both sides of motorways and expressways witch or without any services	78
Number of restaurants	Number of restaurants on both sides of motorways and expressways	20
Number of hotels	Number of hotels on both sides of motorways and expressways	3

^{*}please provide the figure \underline{VAT} and other taxes excluded.