

GENERAL NATIONAL REPORT: 2017 MOTORWAY DEVELOPMENT IN SLOVENIA

1. Total length of Slovenian motorway and expressway network

Managed and maintained by DARS, d.d., Motorway Company in the Republic of Slovenia, as of:

31-12-2016 – for light vehicles (vignettes)

– toll motorways and expressways:	609,7 km
– non-toll motorways and expressways:	0,7 km
– toll and non-toll motorways and expressways:	610,4 km

31-12-2016 – for heavy loads (toll)

– toll motorways and expressways:	559,6 km
– non-toll motorways and expressways:	50,8 km
– toll and non-toll motorways and expressways:	610,4 km

31-12-2017 – for light vehicles (vignettes)

– toll motorways and expressways:	617,0 km
– non-toll motorways and expressways:	0,7 km
– toll and non-toll motorways and expressways:	617,7 km

31-12-2017 – for heavy loads (toll)

– toll motorways and expressways:	566,9 km
– non-toll motorways and expressways:	50,8 km
– toll and non-toll motorways and expressways:	617,7 km

Foreseen growth in 2018 – for light vehicles (vignettes)

– toll motorways and expressways:	622,7 km
– non-toll motorways and expressways:	0,7 km
– toll and non-toll motorways and expressways:	623,4 km

Foreseen growth in 2018 – for heavy loads (ETC)

– toll motorways and expressways:	623,4 km
– non-toll motorways and expressways:	0,0 km
– toll and non-toll motorways and expressways:	623,4 km

Openings in 2017 and forecast for 2018

Openings 2017

Motorway	Section	Length km
• A4 Slivnica - Gruškovje	Draženci-Gruškovje stage I	7,3
Total (toll and non-toll motorways and expressways)		7,3

Openings 2018 – forecast

Motorway	Section	Length km
• A4 Slivnica - Gruškovje	Draženci-Gruškovje stage II	5,7
Total (toll and non-toll motorways and expressways)		5,7

2. Investments in motorways

Year	2017	2018
Investments in construction of new motorway sections*	56,66	118,24
Investments in existing motorways	46,65	58,18
Total	103,31	176,42

* Value of investments doesn't include the cost of spatial documentation, land purchase and VAT.

Financing*

Year	2017	2018
Budgetary funds	0,0 %	0,0 %
European Funds	19,2 %	1,3 %
Loans and bonds	34,4 %	50,9 %
Toll	45,9 %	47,8 %
Other sources	0,5 %	0,0 %
Total	100 %	100 %

*Financing doesn't include the sources of funds of spatial documentation and land purchase.

3. Traffic on Slovenian motorway network*

	2013	2014	2015	2016
AADT	28.054	28.550	29.821	31.419
Traffic growth on MW network	-1,18% (2013/2012)	1,76% (2014/2013)	4,45% (2015/2014)	5,35% (2016/2015)
Annual real growth rates of GDP (%)	2,2%	3,0%	3,3%	4,7%
GDP per capita	17.550 €	18.093 €	18.693€	19.576€

Traffic on the network in service in 2016/2015

Category	Millions of veh. x km		
	2015	2016	%
Network in service	610,4	610,4	0,0%
AADT	29.821	31.419	5,35%
A. motor-cycles, personal cars without connected vehicles and personal cars with connected vehicles, combined vehicles for transporting persons and/or freight of total weight up to 3.500 kg	5.750	6.065	5,48%
B. buses, lorries with or without connected vehicles and lorries with or without connected vehicles	893	935	4.61%
A + B	6643	7000	5.37%

4. Tolling system and tolling technologies used

Tolling system

The following ways of collecting toll exist in Slovenia:

- Vignette tolling system for vehicles weighing up to 3.500 kg;
- Open and closed tolling system for vehicles weighing over 3.500 kg.

(Till 31.3.2018 only, then it will be replaced by DarsGo system, an electronic tolling system in a free traffic flow!)

Vignette tolling system is intended for vehicles with the maximum permissible weight up to 3.500 kg, regardless of the maximum weight of the trailer. You have to buy a vignette if you want to use a toll road.

On the road with an open tolling system, a tollbooth is simultaneously an entry and exit point, and the amount of toll paid depends on the calculated and not actually covered distance. The user pays the toll only if/when passing through a tollbooth.

In a closed tolling system, users first enter the motorway at a tollbooth, and then pay the toll upon leaving the motorway at an exit tollbooth. The amount of toll depends on a distance travelled rather than calculated rate in an open tolling system.

Tolling technologies

Electronic toll system is based on the use of electronic media of DARS, d.d. for toll payment, as follows:

- Electronic tag of the ABC system (ABC tag) – DSRC (2,45 GHz);
- DARS card and DARS card Transporter (DARS card).

The electronic tag ABC is intended for cash-free toll payment for freight vehicles with the maximum permissible weight (MPW) over 3,500 kg, for the first (R3) and the second (R4) toll-rate category.

DARS card Transporter (DKT) and DARS card (DK - R 1, R 2 only for the Karavanke tunnel) are swipe cards which enable cash-free toll payment and simpler and quicker passing through toll stations. DK and DKT are intended for toll payment for vehicles with the maximum permissible weight over 3.500 kg, regardless of the maximum permissible weight of trailers.

Projects in this domain

DARS is introducing an electronic tolling system in free traffic flow (DarsGo system) on motorways and expressways for vehicles with a maximum permissible weight of 3,500 kg (heavy vehicles). The obsolete toll system will be replaced by a modern microwave system using DSRC (Dedicated Short Range Communications) technology in accordance with Directive 2004/52/EC.

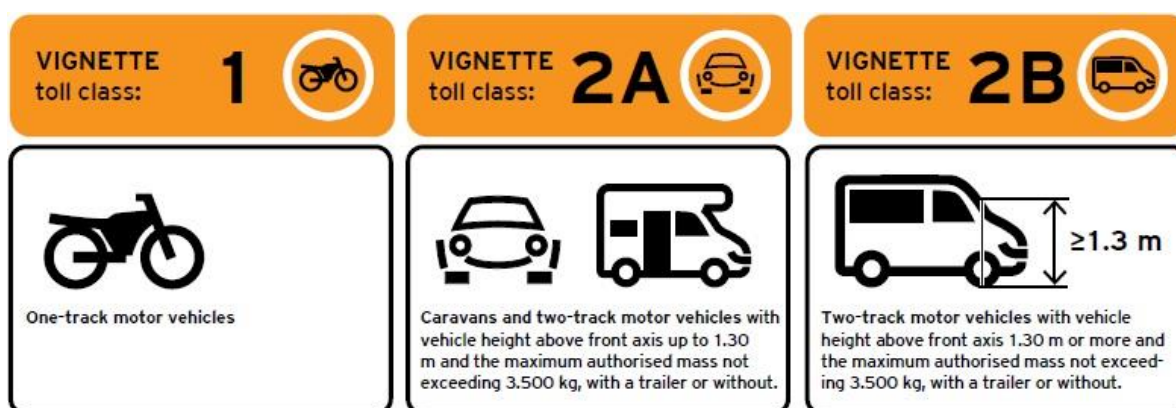
Toll will be collected in a free traffic flow. Users will have to register in the DarsGo system and will be offered a fully automated solution with an On-Board unit (hereinafter DarsGo unit), tolling heavy vehicles through 128 tolling portals. Data collected will be transmitted to the central system, to enable issuing invoices for every section driven on the motorway/expressway or blacklisting potential offenders. New system will be more convenient for the users, faster, safer and more comfortable. No more queuing and stopping at tollbooths will also help to protect the environment. DarsGo system will be compliant with the requirements of the European Electronic Toll Service – EETS and all the necessary procedures to enable full interoperability are already underway.

The new way of tolling is currently in the final stage of development; all the construction works for the roadside equipment have been completed, 7 'DarsGo servis' offices have been established and are operational since November 2017, and several 'DarsGo servis' partners on and along the motorway/expressway network are defined since February 2018. DarsGo website for user registration is up and running, , as well as marketing and sale activities are well underway. DarsGo system is in the process of handover and will go live on 1 April 2018.

Toll rates

Toll classes

Vehicles up to maximum permissible weight of 3.500 kilos must pay time related toll – vignette:



Toll class 1	Price with VAT 2016	Price with VAT 2017	Variation in % in 2017/2016
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Yearly vignette	55.00 EUR	55.00 EUR	/
Half-year vignette	30.00 EUR	30.00 EUR	/
Weekly vignette	7.50 EUR	7.50 EUR	/

Toll class 2A	Price with VAT		
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Yearly vignette	110.00 EUR	110.00 EUR	/
Monthly vignette	30.00 EUR	30.00 EUR	/
Weekly vignette	15.00 EUR	15.00 EUR	/

Toll class 2B	Price with VAT		
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Yearly vignette	220.00 EUR	220.00 EUR	/
Monthly vignette	60.00 EUR	60.00 EUR	/
Weekly vignette	30.00 EUR	30.00 EUR	/

Vehicles whose maximum permitted mass exceeds 3.500 kilos must pay distance related toll.

- R3 (1st toll class): vehicles with two or three axles, whose maximum permitted mass exceeds 3.500 kilos and group of vehicles with two or three axles, whose maximum permitted mass of trailer exceeds 3.500 kilos;
- R4 (2nd toll class): vehicles with more than three axles, whose maximum permitted mass exceeds 3.500 kilos and group of vehicles with more than three axles, whose maximum permitted mass of trailer exceeds 3.500 kilos.

From 1 January 2017, the system of calculating toll rates has changed. Tolls for R3 E 0-2 class are cheaper, but the rest are higher, with fewer reductions for EURO emission classes than before.

Toll class R3	Price with VAT 2016	Price with VAT 2017	Variation in % 2017/2016
Emission class E 0-2	0,2575 €/km	0,243929 €/km	-5%

Toll class R4	Price with VAT 2016	Price with VAT 2017	Variation in % 2017/2016
Emission class E 0-2	0,4308 €/km	0,507374 €/km	+18%

Toll is reduced according to the EURO emission class:

Toll class R3	Price with VAT 2017
Emission class E ,123	0,243929 €/km
Emission class E 4	0,195143 €/km
Emission class E 5	0,170750 €/km
Emission class EEV, E6	0,146357 €/km

Toll class R4	Price with VAT 2017
Emission class E 3	0,507374 €/km
Emission class E 4	0,405899 €/km
Emission class E 5	0,355162 €/km
Emission class EEV, E6	0,304424 €/km

As of 1 April 2018, with the introduction of the new electronic tolling system in a free traffic flow (DarsGo system), prices would be adjusted a bit, and new toll rates will be published in the Official Gazette of the Republic of Slovenia.

Price index in 2017

Consumer price indices by COICOP/HICP, Slovenia, 2017 (current month/same month of the previous year).

	M01	M02	M03	M04	M05	M06	M07	M08	M09	M10	M11	M12
TOTAL	101,3	102,2	101,9	101,8	101,5	100,9	101	101,2	101,4	101	101,2	101,7

Average price index in 2017: 101,4

5. Toll revenues

The toll income in 2017 was 430,9 million EUR, that is approx. 19,2% more than in year 2015, when we collected 361,4million EUR of toll.

6. Traffic safety

	2010	2011	2012	2013	2014	2015	2016	2017
No. of personal injury accidents	485	428	423	418	403	440	436	N/A
No. of fatal accidents	13	13	17	14	10	9	25	N/A
No. of dead	18	16	18	16	16	15	26	19

7. Significant actions already started (and/or to be achieved in 2017) and foreseen for 2018

Length (km) of active construction sites on 31.12.2017

13 km of a Motorway A4 Slivnica – Gruškovje was under construction in 2017. First stage of a construction of the Motorway A4 Slivnica-Gruškovje from km 0.00 to km 7.26 was completed in the second half of the year 2017 and the opening of a new section between Draženci and Podlehnik was on 22 November 2017 in accordance with the contract.

Length (km) of foreseen openings in 2018

Second stage of a construction of the Motorway A4 Slivnica-Gruškovje from km 7.26 to km 13.03 will be completed in the second half of the year 2018 and an opening for the last 5,77 km of the same motorway is foreseen for the end of the 2018. The end of the contract period is on 5 January 2019.

Significant actions foreseen for 2018

Start of the construction of the second tunnel tube for the Karavanke road tunnel on the cross-border section Austria-Slovenia is anticipated for the first half of 2018. The tunnel is located in the TEN-T network and connects the A2 MW in the Republic of Slovenia with the A11 MW in the Republic of Austria. This is a cross border project, which will receive a grant in a max amount of 17,713,882 € under CEF facility (or 10% of the eligible cost) on Slovenian side.

Main ASECAP key figures

Country: Slovenia	Indicate below how you calculate each figure provided in the “2017” column	2017
Network length 2 x 2 lanes 2 x 3 lanes 2 x 4 lanes.....	Total length of motorways and expressways without connection roads and junctions	617,7 / /
No. of km in construction	/	5,77
Forecasts of opening motorways section (2018)	A4 MW Draženci-Gruškovje	5,77
Annual toll revenues (in millions of Euros)	LV (vignette): 180,4 mio € HV: 250,5 mio €	430,9
VAT % (Indicate the VAT % percentage to the toll revenues)	/	22%
Permanent staff	Status 31.12.2017	1.240
Average daily traffic (LV)	2016	27.225
Average daily traffic (HV)	Total annual no. of vehicles in both directions / no. of the days in the year	4.194
Average daily traffic (LV+HV)		31.419
Total number of accidents	/	1991
No. of personal injury accidents	/	395
No. of dead	No. of people who died directly in the accidents or consequently in 30 days afterwards	19
Fatality rate	2016 No. of dead within 30 days from the date of the accident / million km travelled * 100	0,37
Km travelled (10 ⁶ x km)	2016 Average daily traffic (LV+HV) * 365 (no. of days in the year) * network length	7000

Number of toll transactions (Total):	/	18.824.038
Number of toll transactions (LV):	/	/ (Vignette)
Number of toll transactions (HV):	/	18.824.038
No. of toll stations	/	28
No. of toll lanes	incl. ETC lanes	121
No. of ETC stations	ETC lanes/free flow	15
No. of ETC subscribers (Total):	/	24.225
No. of ETC subscribers (LV):	/	/ (Vignette)
No. of ETC subscribers (HV):	/	24.225
No. of service areas (equipped with petrol stations)	/	54
No. of rest areas	/	68
No. of restaurants	/	55
No. of hotels	/	0