

**TEMPLATE OF THE NATIONAL REPORT  
TO BE PRESENTED BY EACH DELEGATION  
DURING THE ASECAP STUDY AND INFORMATION DAYS  
COSTA NAVARINO (GREECE), 29-31 MAY 2019**

***Network length***

The total length of the Polish Motorways network as for December 2018 was 1,660 km. It was consisted of Motorways operated by:

- A. ASECAP members (468 km; all tolled):
  - a) Gdansk Transport Company (A1) 152 km
  - b) Autostrada Wielkopolska SA (A2) 149 km
  - c) Autostrada Wielkopolska II SA (A2) 106 km
  - d) Stalexport Autostrada Malopolska SA (A4) 61 km
- B. public road administration (1,192 km; partially tolled).

***Openings in 2018***

The sections operated by ASECAP members have been completed and there are no openings on the public network planned for 2018.

***Investments***

There were following investments carried out by ASECAP members in 2018:

- a) new investments in the environmental protection (drainage system and acoustic screens), resurfacing works at Balin Interchange, resurfacing of motorway carriageways, renovation and strengthening works on the viaduct on A4 Motorway managed by Stalexport Autostrada Malopolska SA
- b) major rehabilitation of 200 m – long motorway bridge at Lubicz interchange, including replacement of expansion joints and pavement resurfacing
- c) restoring of skid resistance properties on 4 motorway interchanges with shotblasting method on A1 Motorway
- d) implementation of the new payment method system AmberGO based on Automatic Licence Plate Recognition (ALPR)

- e) replacement of wearing course on the section A2 Motorway between Poznan and Wrzesnia operated by Autostrada Wielkopolska SA
- f) renovation of the Modla Interchange (to be continued in 2019)

### ***Financing***

The origin of the financing system for each Project is as follows:

- A. GTC (A1): the Project was/is financed by the loans from shareholders funds and international financial institutions (EIB, NIB) and commercial bank (SEK)
- B. AWSA (A2):
  - a) the Project Nowy Tomysl – Konin was financed from the following funds: (in EUR) Equity 115 m, Shareholders Loans 123 m, Senior Loan 235 m, Gov. Guaranteed EIB loan 275 m, Revenue and Interest on cash during Construction 55 m.
  - b) the pavement strengthening, deffered interchanges, renovation of pavement on rest areas and toll plazas were / are financed from operational revenues
- C. AWSAII (A2): the Project was financed from the following funds: Equity 50 m, Shareholders Loans 134 m, Commercial Loan 400 m, Gov. Guaranteed EIB loan 1000 m, VAT loan during Construction 36m
- D. SAM (A4): shareholders funds and long-term loan granted to SAM in 2005 year by a consortium of 4 banks for renovation/investment works which include:
  - a) bridge renovation,
  - b) motorway resurfacing,
  - c) environmental works and other construction works (noise screens, drainage and water protection works), reconstruction of 3 interchanges, construction of new rest areas, etc.).

### ***Traffic***

There were 4,860 M km travelled on the sections operated by ASECAP members in 2018. Referring to 2017 (4,685 M km) there is increase of 175 M km travelled.

The average daily traffic on the sections operated by ASECAP members in 2018 were 28,511 vehicles. There is no reference to 2017 due to change of counting method by one of the PAK's members.

### ***Tolling system and tolling technologies used***

On the sections operated by ASECAP members there are:

- a) open toll system on the section of A2 between Poznan and Konin as well as A4 between Katowice and Krakow
- b) close toll system on the section of A1 between Gdansk and Torun as well as A2 between Swiecko and Poznan.

Generally, the ASECAP members in Poland use the manual tolling on toll plazas and toll stations. The only exception is the section of the A4 motorway Katowice - Krakow, where in addition to the manual toll collection, in July 2016, the ability to pay tolls using proprietary electronic toll collection (A4Go service) was introduced. In July 2018 GTC introduced a new payment method AmberGO system. It is a payment method by mobile application based on automatic licence plate recognition system. Currently available only for vehicles cat. 1 and on the longest section of the Motorway. AWSA started in 2018 preparations to upgrading the tolling system to include new forms of payment (video tolling and mobile payments) and they will be continued in 2019.

### ***Toll rates***

Vehicle categories :

**Class 1:** motorbikes and passenger cars with two axles;

**Class 2:** vehicles with two axles, at least one of which is equipped in twin tyres and vehicles with two axles with trailers;

**Class 3:** vehicles with three axles and vehicles with two axles, at least one of which is equipped in twin tyres with trailers;

**Class 4:** vehicles with more than three axles, vehicles with three and more axles with trailers;

**Class 5:** vehicles which do not fit within classes 1 through 4 and vehicles, the dimensions, axle load or weight are in excess of the standards set out in the road traffic regulations.

The value of the average tariff per kilometre in PLN/EUR as for 31.12.2018:

<b>GTC SA</b>	<b>AWSA</b>	<b>AWSAII</b>	<b>SAM</b>
<b>Toll class 1</b> 0.20 PLN/km 0.05 EUR/km	<b>Toll Class 1</b> 0.40 PLN/km 0.09 EUR/km	<b>Toll Class 1</b> 0.20 PLN/km 0.05 EUR/km	<b>Toll Class 1</b> 0.32 PLN/km 0.07 EUR/km
<b>Toll Class 2, 3, 4</b> 0.47 PLN/km 0.11 EUR/km	<b>Toll Class 2</b> 0.58 PLN/km 0.13 EUR/km	<b>Toll Class 2, 3, 4, 5</b> 0.47 PLN/km 0.10 EUR/km	<b>Toll Class 2 and 3</b> 0.54 PLN/km 0.12 EUR/km
	<b>Toll Class 3</b> 0.88 PLN/km 0.20 EUR/km		
	<b>Toll Class 4</b> 1.36 PLN/km 0.32 EUR/km		<b>Toll Class 4 and 5</b> 0.87 PLN/km 0.20 EUR/km
<b>Toll Class 5</b> 1.97 PLN/km 0.46 EUR/km	<b>Toll Class 5</b> 4.00 PLN/km 0.93 EUR/km		

1 EUR = 4,30 PLN source: National Bank of Poland, 31<sup>st</sup> December 2018

### **Revenues**

Total revenues (toll revenues and those referring to sublease contracts) achieved by AWSA, AWSAII and SAM in 2018 are 1,161,2 M PLN. There is an yearly increase of 6.8 %. The main reason of such trend is increase of traffic volume.

The incomes of GTC are commercially sensitive data.

### **Safety**

Indicate the following main *ratios*:

	Definition and method of calculation	In number for one billion kilometres travelled in 2018	Variation in % in 2017/2018
Personal injury rate	Number of injured people for 1 billion kilometres travelled	<b>48.77</b>	<b>-17.2</b>

Fatal accident rate	Number of accidents with fatalities for 1 billion kilometres travelled	<b>2.06</b>	<b>-40.7</b>
Rate of dead	Number of fatalities for 1 billion kilometres travelled	<b>2.06</b>	<b>-49.3</b>

### ***Long-term forecasts and tendencies***

The network of the Polish motorways and expressways according to governmental policy should reach finally 7,650 km (including nearly 2,000 km motorways). Within time most of them will be tolled.

The Polish government is expanding the national electronic toll system referring to trucks using national roads including state owned motorways.

### ***Significant actions already started (and/or to be achieved in 2018) and foreseen for 2019.***

In 2018 AWSA started renovation of Modla Interchange (works will be completed in 2019) and replaced wearing course on the section Poznan – Wrzesnia (37 km). In 2018 AWSA obtained the binding construction permit to construct third lanes on Poznan bypass (16 km), carried out relevant tender process and finally concluded the contract. The main works are scheduled for 2019 and definitive completion in June 2020. Preparations to upgrading the tolling system to include new forms of payment (video tolling and mobile payments) will be continued in 2019.

SAM SA:

In 2018 activities focused on the environment protection by:

- building new acoustic screens - continuation of the contract started in 2017, including building several sections of acoustic screens - 1,4 km in total length,
- continuation of redevelopment of the drainage system on the Silesian section,
- works on reconstruction of degraded culverts and renovation of drainage system in median (gutters) and at the Toll Plaza.

Within heavy maintenance works: in 2018 6 km of the motorway carriageways were fully resurfaced (forming part the 76 km total already resurfaced in 2<sup>nd</sup> cycle) and pavement at Balin Interchange has been renovated.

Renovation works of viaduct No M48 continued. Scope of works included strengthening and modernisation of piers, insulation replacement, renovation of abutments and replacement of expansion joints on one carriageway.

The plan for 2019 includes:

- implementing new functionalities of the toll system,
- commencing contract for the redevelopment of the next part of drainage system on Malopolska section,
- further reconstruction of degraded culverts, renovation of drainage system at the Toll Plaza,
- within heavy maintenance: resurfacing of 21 km of the motorway carriageways and at the same time the Toll Plazas (continuation of 2<sup>nd</sup> cycle),
- continuation of works commenced in previous years - renovation of viaduct No M48, on the carriageway in the opposite direction,
- moreover, a further 2 viaducts will be modernised (including piers renovation and expansion joints replacement),
- development of Rudno Interchange.

GTC: Implementation of full version of AmberGO (videotolling) on all toll plazas of A1 Motorway.

## MAIN ASECAP KEY FIGURES

Country: Poland	Indicate below how you calculate each figure provided in the “2018” column	2018 Figure
Network length (Km) 468 2 x 2 lanes (Km) 468 2 x 3 lanes (Km) - 2 x 4 lanes (Km) -		468  (all 2x2)
Number of km in construction		none
Forecasts of opening motorways section		none
Annual toll revenues* (in millions of Euros)	Toll revenues net collected by AWSA, AWSAI and SAM SA; in case of GTC SA the revenues are commercially sensitive information 1 EUR = 4,30 PLN source: National Bank of Poland, 31 <sup>st</sup> December 2018	270.0
VAT % (Indicate the VAT % percentage to the toll revenues)		23 %
Permanent staff	Total staff number of Concessionaires and operating companies	1,257
Average daily traffic (light vehicles)	Weighted average from A1, A2 and A4	22,553
Average daily traffic (heavy vehicles)	Weighted average from A1, A2 and A4	6,958
Average daily traffic (total = light + heavy vehicles)	Weighted average from A1, A2 and A4	28,511
Total number of accidents	Number of accidents as road incidents involving fatalities and injured people	147
Number of personal injury accidents	Number of accidents with the injured	137
Number of dead	Number of fatalities	10
Fatality rate	Number of the killed for 1 billion kilometres travelled	2.06
Kilometres travelled (10 <sup>6</sup> x km)		4,860

	Indicate below how you calculate each figure provided in the “2018” column	2018
Number of toll transactions (Total)		82,353,854
Number of toll transactions (light vehicles):		67,609,153
Number of toll transactions (heavy vehicles):		14,744,701
Number of toll stations		24
Number of toll lanes	Total number of entrance and exit lanes	214
Number of ETC lanes		39
Number of ETC subscribers (Total):		29,073
<del>Number of ETC subscribers (light vehicles):</del>		
<del>Number of ETC subscribers (heavy vehicles):</del>		
Number of service areas (equipped with petrol stations)		20
Number of rest areas		40
Number of restaurants		19
Number of hotels		4

\*please provide the figure VAT and other taxes excluded.