

# WELCOME TO SLOVENE MOTORWAYS

## WE ARE A JOINT-STOCK COMPANY OWNED BY THE REPUBLIC OF SLOVENIA

With just over 1200 employees, we are one of the largest companies owned by the Republic of Slovenia. Since the beginning of the company's operations on January 1 1994, our main task has been the construction of motorways and organisation of all related activities. On that day we also took over the management and maintenance of all already constructed motorways, infrastructure facilities and equipment, as well as toll collection. Additionally, we perform special tasks in relation to spatial planning and placement of motorways in space as well as acquisition of real property for the requirements of motorway on behalf of the Republic of Slovenia.



## AT THE CROSSROADS OF EUROPE

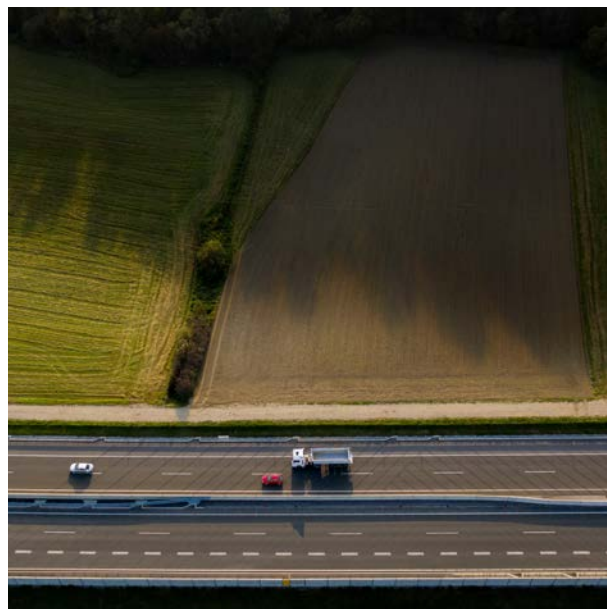
In recent years, the international freight transport in Slovenia has increased due to a higher economic activity in the EU, while the growth of passenger car traffic is the result of a tourism boom in the Adriatic region.

According to the high volume of transit traffic, Slovenia reaches the very top among the European countries. The most important traffic routes are connected between Hungary and Italy, Romania and Italy, and Poland and Italy.

# WE BUILD AND CONNECT

## YESTERDAY

The story of Slovenia's motorways began with the construction of the first 32 km long motorway between Vrhnika and Postojna, which was opened on December 29 1972. In the last few decades, the construction of motorways was the largest infrastructure project in Slovenia – a major investment that has become the backbone of modern mobility and economic growth.



## TODAY

Slovenia's motorway network consists of different motorway sections that are connected to the central Ljubljana ring road.

The Štajerska motorway runs from Šentilj at the Slovenian-Austrian border to Ljubljana; there are two important motorway intersections in Maribor, where one section of the motorway connects with the Pomurska region and extends to Pince at the Slovenian-Hungarian border, while the other section branches off to lead toward Gruškovje at the Slovenian-Croatian border. The Primorska motorway extends from Ljubljana to Izola. At Razdrto intersection a four-lane motorway branches off and runs through the Vipava Valley to Vrtojba, while at Gabrk a section extends to Sežana and Fernetiči where it connects to the Italian motorway system. The Gorenjska motorway begins in the Karavanke tunnel, where it connects to the Austrian motorway system, and ends in Ljubljana. The Dolenjska motorway runs from Ljubljana to Obrežje where it is connected to the Croatian motorway system.

## TOMORROW

Among the most important traffic connections currently under construction is the second tunnel tube of the Karavanke tunnel and the so-called third development axis, which is planned to connect the northern and south-eastern parts of Slovenia (from the Austrian to the Croatian borders).

Now that the motorway network has been developed to a substantial extent, reconstruction works and upgrades to the existing infrastructure managed by DARS d.d. are becoming increasingly significant.

- Gorenjska motorway
- Štajerska motorway
- Primorska motorway
- Dolenjska motorway
- Pomurska motorway
- Ljubljana ring road





# WE IMPROVE

## RENOVATION OF ROADS AND FACILITIES

With newly constructed sections and other infrastructure projects we have developed a motorway that is faster, shorter and safer for our users. Since new motorway connections steer a large part of the international traffic off the existing roads, we thereby contribute to a higher quality of people's lives.

In light of ever-increasing traffic loads, there is still a lot of work to be done regarding the reconstruction of the motorway network. On average, more than 60 thousand vehicles drive over certain sections of the motorway on a daily basis, while the total traffic load increases from year to year. The main reconstruction works include road resurfacing, reconstruction of bridge structures and embankment refurbishment.

## LIVING CONDITIONS ALONG SLOVENIA'S MOTORWAY NETWORK

In order to conserve natural habitats, wildlife must have the opportunity to cross the motorway. For this reason, we have constructed ecoducts, special overpasses intended exclusively for the passage of animals, adjusted underpasses and culverts, and extended the bridges over watercourses. Our motorway access roads are equipped with audio deterrent devices for animals. Whenever we interfere with protection areas for wild birds, we provide alternative habitats where necessary.

Since 1988, we have been installing noise barriers along the motorways and expressways. To date, we have installed a total of 155.6 km of noise barriers.



## TELECOMMUNICATION SERVICES

We provide electronic communication operators and other business users with an independent, high-quality and reliable optical network, as it is located in the protected area along the motorway. We enable our users to connect to the optical network along the entire route of the motorway and at the border crossings.





# INTEGRATED SYSTEMS FOR ROAD SAFETY AND TRAFFIC FLUIDITY



## SMART MOTORWAY

Our traffic control and traffic management systems are installed on the busiest motorway sections and automatically regulate speed limits, detect oncoming vehicles, traffic congestions and stopped vehicles. We are equipping more and more sections with such systems and have made investments into video equipment and road weather stations. We have also reconstructed the information system of emergency call. The drivers are assisted by portals, semi-portals, variable signs and LED signs. Longer tunnels in Slovenia are equipped with fire detection and smoke detection systems, ventilation and smoke control systems,

information and fire-fighting systems, and variable message signs. Safety distances in tunnels are marked with LED floor markings.

We have also invested into equipment, to prevent wrong way driving on the motorway. We are installing speed cameras at certain points of the motorway. The pilot project with automatic section speed control indicated great positive effects on safety, therefore we have taken steps to equip potentially most dangerous and burdened sections of the motorway with such measuring devices.





## ROAD SAFETY IS NOT A COINCIDENCE

We strive to ensure safe travel and therewith to benefit fully from new technological developments. The construction of a modern motorway network has already contributed to improving the traffic safety statistics by directing the traffic onto a more secure network over the past decades. By removing current toll stations and replacing them with new electronic toll systems for heavy-duty vehicles, we have made an additional contribution to road safety in 2018.

We strive to provide a greater level of traffic safety over longer periods of time and thus we continually invest in the renovation and upgrading of the existing motorway

infrastructure, while at the same time reinforcing any potentially dangerous sections we discover by monitoring and measuring the movement of traffic.

We participate in international projects, we invest in research and analyses and in improving the quality of the data on the status of the motorway network. By installing safety equipment, such as safety barriers, crash cushions to cushion impacts and additional markings, we are reducing the probability of severe traffic accidents. All upgrades are intended to increase the passive safety of motorway users and improve traffic flow and comfort during while driving.

# ACCESS TRAFFIC INFORMATION IN VARIOUS WAYS



## TRAFFIC CONTROL AND MANAGEMENT

The traffic is managed from control centres in Kozina, Posojna, Ljubljana, Slovenske Konjice, Vransko and Hrušica, all of which are equipped with state-of-the-art technology. They collect traffic and weather data, which the operators then communicate to drivers in real-time through different information systems. Our operators are in touch with the rescue units, maintenance units and control centre operators of neighbouring countries 24/7. Traffic management measures are carefully planned and implemented on an international level.

## INFORMATION CHANNELS

We want our users to access traffic information as easily as possible – only well-informed drivers can correctly anticipate different road conditions, choose the best route to their destination and calculate the duration of their drive. With these steps they can avoid stress and show greater respect to other drivers.

In the Traffic Information Centre, we collect information on the motorway traffic conditions in Slovenia, provided to us by control centres of maintenance units, inspectors, road workers, police, contractors and planners, enforcement officers and drivers. This information is available 24/7 via mobile applications, radio and television stations, the [www.promet.si](http://www.promet.si) website, TV SLO teletext, free telephone answering machines at 080 22 44, telephone number 1970 and social networks.



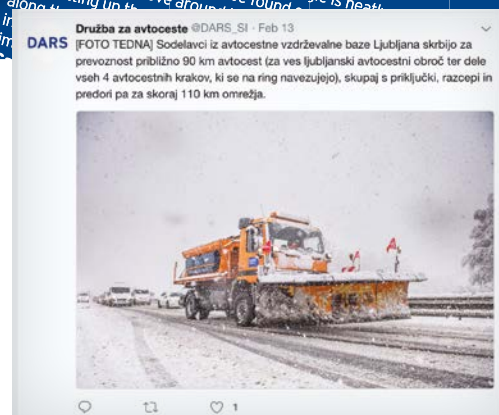


## PREVENTIVE CAMPAIGNS

Our efforts alone are not enough to ensure maximum safety – all road users must play their role. With a variety of activities, we strive to increase the level of knowledge of regulations, good practices and awareness of responsibilities an individual driver should respect. We alert the drivers to keep an appropriate safety distance, to use proper equipment during wintry circumstances, to take proper action in an event of an accident, traffic congestion or a vehicle breakdown. This content is promoted over television, radio, social media, webpages, motorway portals, banners, magazines and newspapers, at fairs and at other events.

In cooperation with the police, we carry out preventive campaigns in order to check the roadworthiness of commercial vehicles and the mental and physical conditions of drivers.

In order to improve traffic safety in the roadblock areas, we are introducing new mobile speed cameras in cooperation with the police and are installing preventive traffic signs with speed cameras warning.





# MAINTENANCE

## ON THE ROAD IN ALL WEATHERS

Over 600 of our employees perform more than 120 different types of work on the motorway network – no matter the time of day or the weather condition. In total, we carry out more than 845,000 hours of maintenance work annually, thus ensuring comfortable driving experiences.

To ensure high responsiveness of our maintenance units in the shortest time possible, the work is organised in nine motorway maintenance bases and six branches spread across the entire motorway network. Regular maintenance works are usually performed in shorter off-peak periods, when the traffic fluidity is less hindered.

## AT NIGHT

In the most exposed sections of our motorways and expressways, where roadblocks have the greatest impact on the traffic fluidity, all necessary maintenance works are performed during the night. Without hindering traffic we perform preparatory and implementation works in the context of road rehabilitation, trim and spray vegetation alongside the roads, carry out cleaning services with high-pressure cleaners, refurbish road markings and install or remove road traffic signs.



## WE ALSO PROVIDE ASSISTANCE

If your vehicle breaks down on the emergency lane, our standby group will usually be the first to arrive and secure the area around you and your vehicle by means of proper signalisation. In the event of an accident, our workers in orange reflective vests often help save lives side by side with firefighter units and rescue teams. Using their professional skills and equipment, they properly protect the site of the accident against the rear end collisions.

## SAFETY IN DANGEROUS CONDITIONS

During their work, many Dars employees are faced with numerous dangerous situations on a daily basis. Our maintenance workers are in the greatest danger, as they are engaged in a series of different works that are performed directly on the motorway or along its side, to ensure 24-hour traffic fluidity. We ensure the safety of our motorway maintenance employees by providing them with proper education and training, modern equipment and machinery to facilitate their work and by supplying adequate personal safety equipment.





# STABLE BUSINESS AND QUALITY OF SERVICES

## TOLLS – THE MAIN SOURCE OF FUNDING

The management and maintenance of our motorway network is wholly funded by the collection of tolls. Tolls also provide a steady, stable and long-term source for the repayment of loans received for the construction and reconstruction of the motorway network.

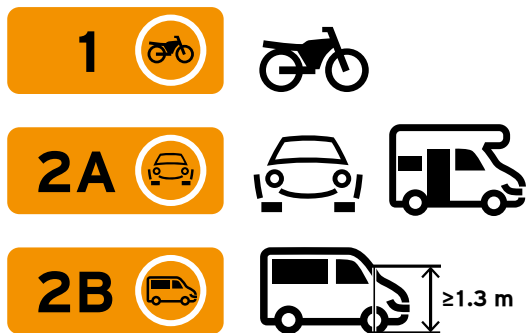
Toll revenues represent the majority of our company's income. This income has been gradually increasing for the past 6 years. In 2018 it reached its highest level, amounting to EUR 451,5 million. Our goal for the future is to maintain such revenues in order to ensure the long-term financial sustainability of operations.

The payment of tolls on Slovenia's motorways and expressways is based on the vehicle category and can be made without stopping, which adds to a greater safety, more comfortable and faster trips and is more environmentally friendly.





## VIGNETTE



For all motor vehicles with or without a trailer, whose maximum permissible weight does not exceed 3,500 kg, the toll is paid by purchasing a vignette. The Vignette is a toll sticker, which allows users an unlimited use of the motorways or expressways within a specified time frame. Following the introduction of vignettes on 1 July 2008, the traffic shifted from local roads to the motorway network. This act improved the overall traffic safety and reduced CO<sub>2</sub> emissions by enabling greater traffic fluidity through toll stations. Consequently, this has enabled greater traffic fluidity and reduced congestions particularly during tourist seasons. Motorways and expressways still remain much safer than main and regional roads. The vignette is available at more than 2500 sales points across Slovenia and abroad.



## DARSGO



The number of heavy vehicles on Slovenia's motorways is rising from year to year. Before Slovenia's accession to the European Union in 2003, the total count of heavy vehicles on our motorways amounted to 6.5 million, while in 2017 the number had risen to 17.9 million.

From the beginning of April 2018, the DarsGo electronic toll system applies to all vehicles, whose maximum permissible weight exceeds 3,500 kg (heavy vehicles). Based on the travelled distance, the DarsGo system automatically calculates the toll by means of tolling gantries, and thus enables the users to drive and pay the toll without stopping.



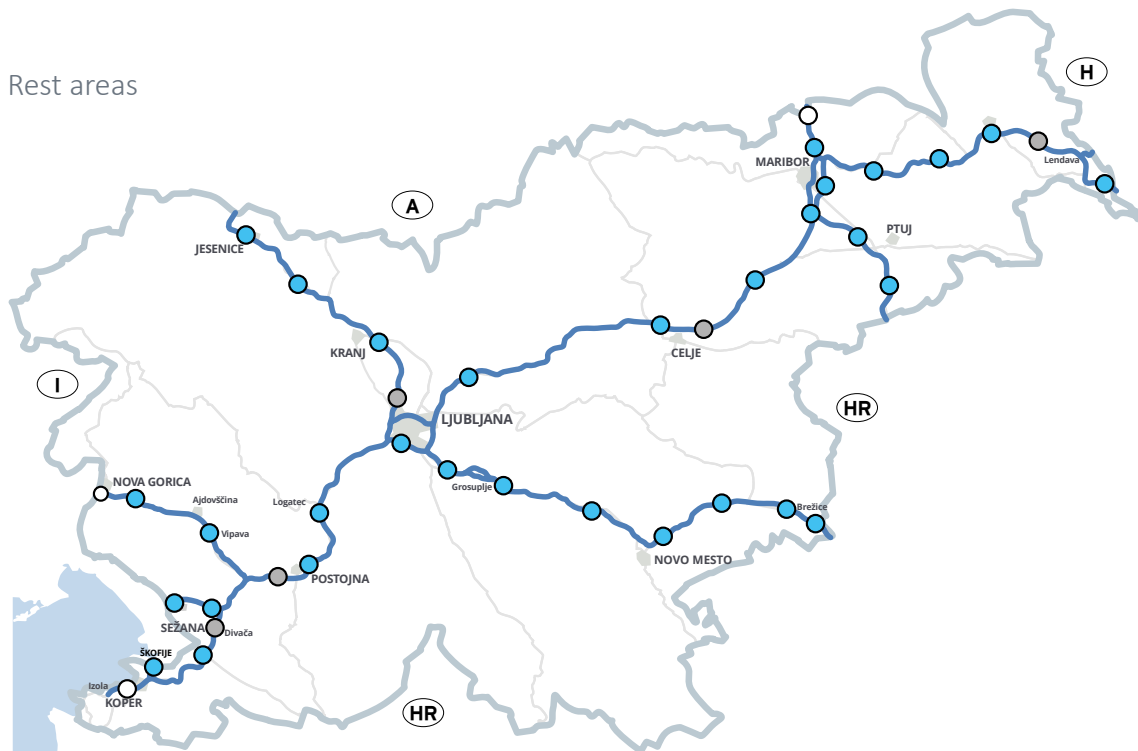
# WE MEET



## CLOSE TO OUR CUSTOMERS

Our website [www.dars.si](http://www.dars.si) is our identity card. The Traffic Information Centre website [www.promet.si](http://www.promet.si) and DarsGo system website [www.darsgo.si](http://www.darsgo.si) offer all the support a driver needs in order to successfully plan their trip and pay the tolls. Facebook, Twitter and YouTube are only a click away to provide you with necessary traffic information, incentives to ensure safe driving behaviour and other interesting features. The DarsTraffic+ app is an indispensable travelling companion, intended primarily for those who are on the motorway on a daily basis and are looking for traffic information and support when planning their trips or calculating travel times. Personal and direct contact with our friendly employees through the DarsGo system or Traffic Information Centre will solve any uncertainties regarding the traffic conditions or paying tolls. Our customers are also welcome to visit our new 'DarsGo servis' customer centres.

## Rest areas



## ‘DARSGO SERVIS’

We have established a diversified sales network of seven ‘DarsGo servis’ customer centres and more than 120 ‘DarsGo servis’ partners, which are located on and near our motorway network. We offer assistance and support to our DarsGo system users with the possibility of obtaining a DarsGo unit and help them manage changes related to toll payments and account balance, and, in the event of a technical failure of the DarsGo unit, provide them with a suitable replacement.

## REST AREAS

Our users may enjoy the pleasant surroundings of our rest areas before continuing their journey or they can fill in the tank at bigger ones and enjoy our wide range of culinary delights, connect to our fast, high-capacity WI-FI or use our many other services.





# DARS IN FIGURES



# DARS

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