

MD9



TEMESA
Smart Mobility





RAISE YOUR EXPECTATIONS.

THE FUTURE OF TRANSPORTATION IS IN OUR HANDS

**“Throughout our
journey since 1968,
we have always
depended on our
'raison d'être,' moving
forward with an
innovative and
enterprising spirit.”**

With more than 50 years of experience, we constantly seek to go above and beyond existing offerings and deliver an innovative understanding in how we do transportation. Today, at our 137-acre plant, we produce 4,000 buses and midibuses and 6,000 light-duty trucks - a total of 10,000 vehicles per year - on a single-shift basis. In 66 countries around the globe, our products continue to stand out as representatives of the transformation we initiated.

Armed with the “Smart Mobility” vision, we are proud to lead the way in digitizing mass transit operations. Each year we allocate approximately 5% of our turnover to R&D to design next-gen mobility solutions for tomorrow, based on our wide range of products that cover all segments of bus transportation, and proceed with substantial pace towards a better future based on our Smart Mobility vision to shape the future.

**WE DERIVE OUR
STRENGTH FROM
TECHNOLOGY**



TEMSA'S BUSINESS PERSPECTIVE: TEMSA TECH

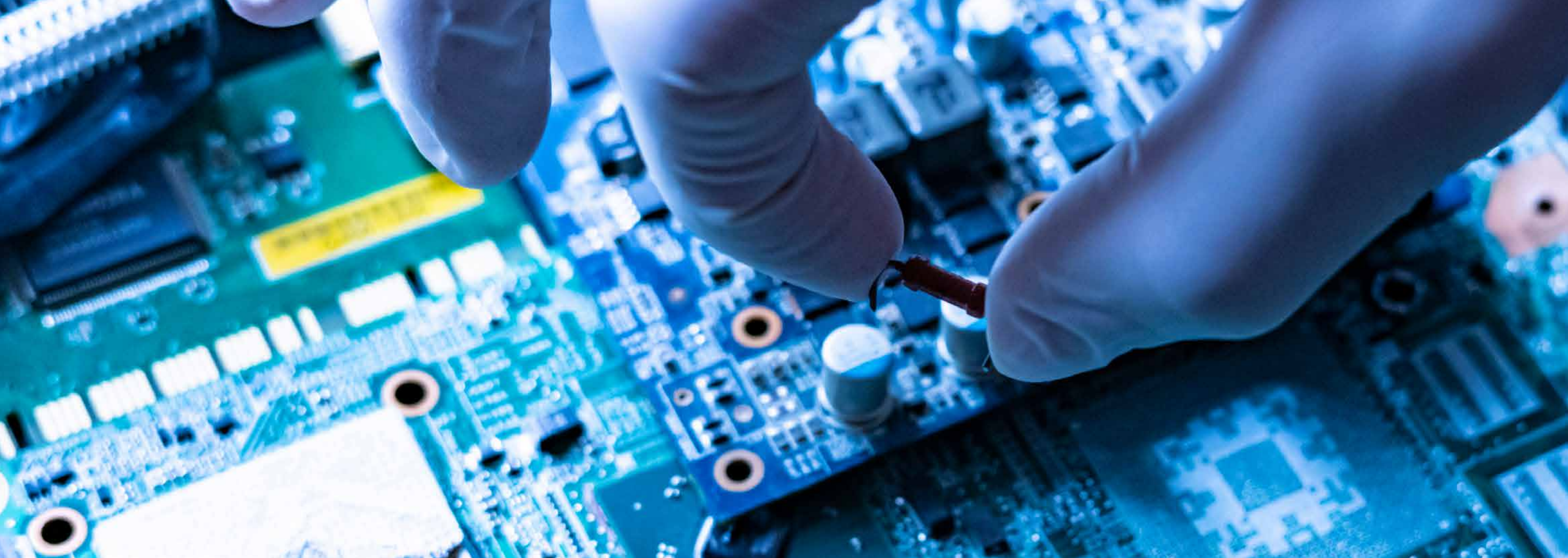
“We are determined to develop smart and sustainable mobility solutions in line with future trends, in order to offer pleasant journeys to passengers.

The importance we place on R&D allows us to offer a wide variety of high-tech products to our customers.

Our mission is to become a “tech firm” in addition to being a transportation firm.

Our brand’s guiding vision is to never settle for what is available and to always seek more; to never give up on production, improvement, development, and experimentation, all the while contributing to humanity and the world.

For we are well aware that those who do not settle for less are the ones that lead.



THE MD9 – ALWAYS READY FOR THE TASK AHEAD

Meet the MD9 – a coach that's designed to meet all your needs and never let you down. Thanks to its reliable, robust structure and luxurious, comfortable interior, the MD9 provides drivers and

passengers with a unique travelling experience. It also incorporates superior safety features and offers a fuel-saving performance.





MD 9

A NEW WAY TO TRAVEL

With its robust structure, superb comfort, high performance levels and fuel-saving abilities, the MD9 is an economical choice.

It provides maximum road-holding

even in adverse weather and unfavourable road conditions.

The MD9's state-of-the-art safety systems ensure a comfortable journey no matter how long the distance.

Its spacious interior, powerful air conditioning system, comfortable seats, customizable seating configurations and wide leg room make long journeys a true joy.



WHERE AESTHETICS MEETS POWER

The MD9 starts off with elegantly designed headlights at the front, followed by a chrome line surrounding its robust body for a touch of individuality, and is completed by rear wings for a dynamic look.

It has a series of features to ensure

safe driving, including fire sensors placed at a number of points within the vehicle, electric and heated exterior mirrors, a reverse gear buzzer, a rear-view camera and a rear parking sensor. Double-glazed windows help with air conditioning, safety and noise cancellation while offering a better view of the surroundings.

The MD9 is designed with every last detail in mind, including a wide luggage space to meet the needs of different journey types and a ski port at the back for passengers who are heading off on an adventure.



Double - glazed side windows with two distinct opacity options



Spacious luggage compartment



Electric and heated exterior mirrors



DESIGNED WITH DRIVERS IN MIND

Every tiny detail in the MD9 has been considered in order to maximize the driving experience. The driver's cockpit area is designed with safety and comfort in mind, especially when it comes to long and challenging journeys.

The cockpit incorporates many features that enhance the driving experience, including an adjustable

ergonomic driver's seat, lumbar support to minimize the load on the back, left and right armrests, an easily adjustable sun visor, a defroster that provides air conditioning across all seasons, a heated windscreen and a user-friendly dashboard.

In terms of safety features, there's a rear-view camera, a rear parking sensor, an optional alcoholmeter, a

tachograph and advanced braking systems to ensure a stress-free journey.



OUTSTANDING COMFORT, FIRST-CLASS STANDARDS

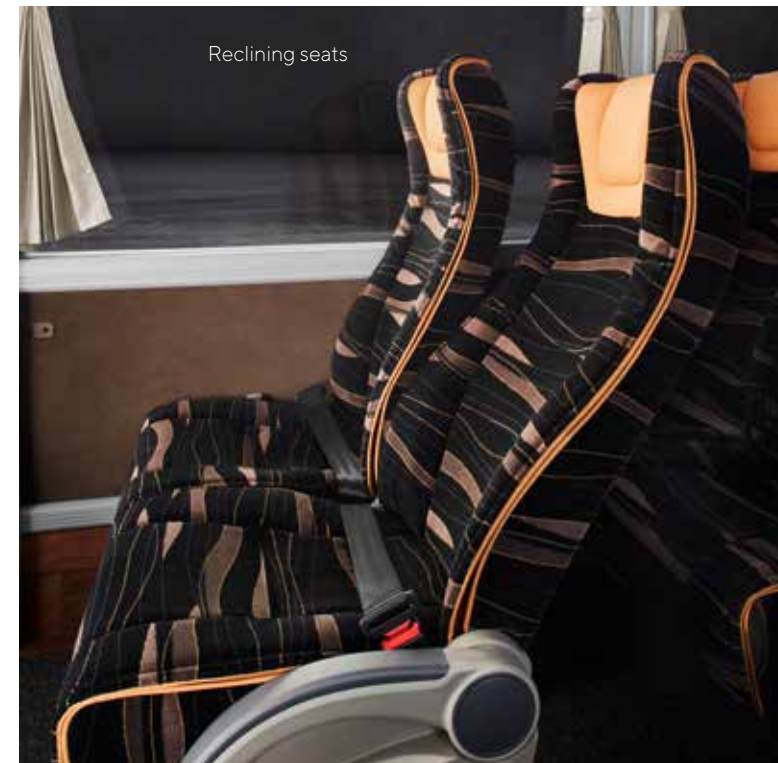
With the MD9, all you have to do is to decide which optional comfort features you want. The design of the MD9 enables you to choose between a variety of seat layouts with a maximum of 39 passengers, plus you also have the option to add a WC with 34 seats, or a WC and kitchen with 32 seats. You can simply select

the best seating layout and seat distances to suit your needs.

Passenger comfort is guaranteed in the MD9. With features including an ergonomic luggage rack that's designed to be easily accessed by passengers of any age, the multiset providing a personal space for

each passenger, the powerful air conditioning system offering comfort in all seasons, and a selection of curtains, your passengers will enjoy a comfortable journey every time.

All you have to do is to ask, and the MD9 team will do the rest.



MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

The MD9 works harder for your business, and lasts longer.

Its FPT N67 engine is environmentally friendly while providing low fuel consumption and emissions. This

6.7-litre engine produces 1,100 Nm @ 1,200-1,750 rpm and delivers 235 kW of power for a truly maximized driving experience.

There is also the option of a 6.87-litre

E6 MAN engine with 1,100 Nm @ 1,200-1,750 and 213 kW of power, depending on your requirements.



MEET THE MD9 WITH ITS ENHANCED SAFETY SYSTEMS

The most comfortable journeys begin with a safe driving experience.

The MD9 incorporates a number of safety systems to provide the highest level of support.

The Anti-Lock Braking System (ABS) enables the driver to hit the brakes suddenly without losing control. It prevents the brakes from locking and reduces the stopping distance by

preventing the wheels from locking and subsequently sliding. By doing so, it enables safe driving even when sudden emergency braking is needed.

Anti-Slip Regulation (ASR) is developed to prevent loss of traction on the wheels. The ASR system prevents skidding, thereby allowing the coach to start moving even in difficult road conditions. It also

enhances driving safety on slippery surfaces, and prevents excessive wear of the tyres.

The Electronic Braking System (EBS) provides an optimized level of control when braking. It is integrated into an electronic system that combines the brake control system, ABS and ASR. It produces better results in shorter braking distances, and leads to lower levels of disc wear.

Electronic Stability System (ESP) helps you to protect your vehicle from the negative effects of difficult road conditions. It intervenes with the engine's operating system, and provides a different level of traction on each wheel. Doing so enables the traction of each wheel to be adjusted and different braking power to be applied to each one, to provide the optimal level of traction for all 4 wheels. These adjustments help to prevent the vehicle from losing control in the event of sudden steering wheel interventions when travelling around sharp corners.

The Advanced Emergency Braking System (AEBS) offers automatic braking capability in the event of danger. It automatically intervenes in response to sudden developments which pose a risk of a crash, and helps prevent or reduce the impact of potential crashes.

The Lane Departure Warning System (LDWS) warns the driver with an audible and vibrating alert whenever the vehicle moves out of its lane. This system helps you to stay in lane and increases the level of safety by alerting you in various ways.



THE MD9 OFFERS YOU A RANGE OF OPTIONS

The MD9 is available with various seating capacities to meet your needs.



9,480 mm

Seating capacity

39 +1+1 ⓘ



9,480 mm

Seating capacity

34 +1+1 ⓘ



9,480 mm

Seating capacity

32 +1+1 ⓘ



TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHTS

Length	9.480 mm
Width	2.400 mm
Height (incl. air conditioner)	3.345 mm
Floor-To-Ceiling Height	1.910 mm
Wheelbase	4.600 mm
Front Overhang	1.916 mm
Rear Overhang	2.964 mm
Turning Diameter	17200 mm
Approach Angle	8°
Seating Capacity	39 + 1
Gross Vehicle Weight	14.400 kg
Total Luggage Volume	5 m ³

ENGINE 1

Model	Euro 6 FPT
Type	Diesel, 4 Stroke, Turbocharged, Direct Injection
Number of Cylinders and Layout	6 Cylinder in-line engine
Bore/Stroke	104 x 132 mm
Volume	6.728 L
Maximum Power	320 hp
Maximum Torque	1100 Nm

ENGINE 2 (Optional)

Model	Euro 6 MAN
Type	Diesel, 4-Stroke Engine, Water Cooled, Direct Injection
Number of Cylinders and Layout	6 Cylinder in-line engine
Bore/Stroke	108 x 125 mm
Volume	6.871 L
Maximum Power	290 hp
Maximum Torque	1100 Nm

TRANSMISSION

Model (Standard)	ZF
Type	Manual
Number of Gears	6 Forward + 1 Rear
Model (Optional)	Allison
Type	Automatic
Number of Gears	6 Forward + 1 Rear

**Not available with 39 seat layout*

AXLES

Front Axle Type	Independent
Front Axle Capacity	5.000 kg
Rear Axle Type	Rigid
Rear Axle Capacity	9.440 kg
Differential Ratio	3.73

RIMS & TIRES

Rim	19.5 x 7.5
Tire	265/70 R 19.5

FUEL & AD BLUE TANK

Fuel Capacity	280 L
Ad Blue Tank Capacity	30 L

ELECTRICAL SYSTEM

System Voltage	24 V
Battery	2 x 12 V, 180 Ah

STEERING WHEEL

Hydraulic Steering	Standard
Steering Wheel Tilt and Telescopic	Standard

BRAKES

Service Brake	Standard
Parking Brake	Standard
ABS (Anti-Lock Braking System)	Standard
ASR (Anti-Slip Regulation)	Standard
EBS (Electronic Braking System)	Standard
AEBS (Advanced Emergency Braking System)	Standard
Retarder/Intarder	Standard

INTERIOR

Multiset	Standard
Curtain	Standard
Parcel Rack	Standard
Assistant Seat	Optional
Handle, Dashboard	Standard
Service Tray for Passenger Seats	Optional
Seat Pocket (NET) for Passenger Seats	Optional
Usb Charger for Passenger Seats	Optional
3 Point Safety Belt for Passenger Seat	Optional
Reclining Passenger Seats	Standard
Sliding Mechanism for Passenger Seats	Standard
32 or 34 Seat Layouts	Optional
WC*	Optional
Kitchen Unit*	Optional

EXTERIOR AND BODY

Body Lifting	Standard
Body Kneeling	Standard
Xenon Lights	Optional
Rim Cover	Standard
Skibox	Optional
Opaque-White Exterior Colour	Standard
Metallic Exterior Colour	Optional

DRIVER'S AREA

Manual Sunvisor	Standard
Electrical Sunvisor	Optional
Interior Mirror for Driver	Standard
Electrical Controlled Driver Window	Standard
3 Point Safety Belt for Driver Seat	Standard
Left Armrest for Driver Seat	Optional
Right Armrest for Driver Seat	Optional
Heater for Driver Seat	Optional
Heated Windshield	Optional

SECURITY

ESP (Electronic Stability Programme)	Standard
LDWS (Lane Departure Warning System)	Standard
Fire Warning System for Engine Room	Standard
Engine Room Fire Extinguisher System	Standard
Fire Extinguisher	Standard
Additional Extinguisher	Optional
Safety Hammers	Standard
Low Voltage Warning	Standard
Circuit Separator on Battery	Standard

WINDOWS AND CLIMATIZATION

Double Glazed Side Windows	Standard
Air Conditioner	Standard
Additional Heating System	Standard
AC Defroster	Standard
Convector	Standard

ELECTRONIC EQUIPMENT

Monitor	Optional
Radio & Mp3 Player	Standard
Front Microphone	Optional
Bottle Cooler in Dashboard	Optional
Reverse Gear Buzzer	Standard
Rear View Camera	Optional
Rear Parking Sensor	Optional
Electrically Adjustable Exterior Mirrors	Standard
SchoolBus Sign	Optional
Destination Plates	Optional
Alcoholmeter	Optional
Tachograph	Standard

OTHER EQUIPMENTS

Fog Lights	Standard
Random Coded Lock	Standard
Electrical Horn	Standard
Air Horn	Optional
Spare Tire	Standard
First Aid Kit	Standard

TOGETHER

TEMSA continues to partner with
you anytime and anywhere...

**FOR THE
ROAD AHEAD**



RAPID SERVICE APPOINTMENTS TO SAVE TIME

You won't have to waste time that should be dedicated to work, as your vehicle is designed to offer maximum performance to generate valuable income. Make your appointment before visiting TEMSA's Authorised Service Centres and save valuable time.



ALWAYS BRAND NEW, WITH WARRANTY COVERAGE AND REGULAR MAINTENANCE

Let us take care of your vehicle with the help of advanced technology and the highly qualified service technicians while you enjoy the vehicle's performance and warranty coverage.



UNINTERRUPTED SERVICE WITH GENUINE PARTS

Our logistics services provide you the high-quality parts you need, anywhere around the globe.

We provide you a wide range of genuine parts at 2 Temsa Spare Parts logistic centres in Germany and USA with main warehouse in Turkey where we can deliver the right parts at the right price and right time. TEMSA Spare Parts team serves 32 different countries. Wherever you may be, the spare parts you need will be brought to you quickly.



QUALITY IS OUR PRIORITY

Quality and availability are crucial for us. TEMSA Spare Parts teams diligently apply quality control, classification and inventory management processes for 87,000 spare part items.

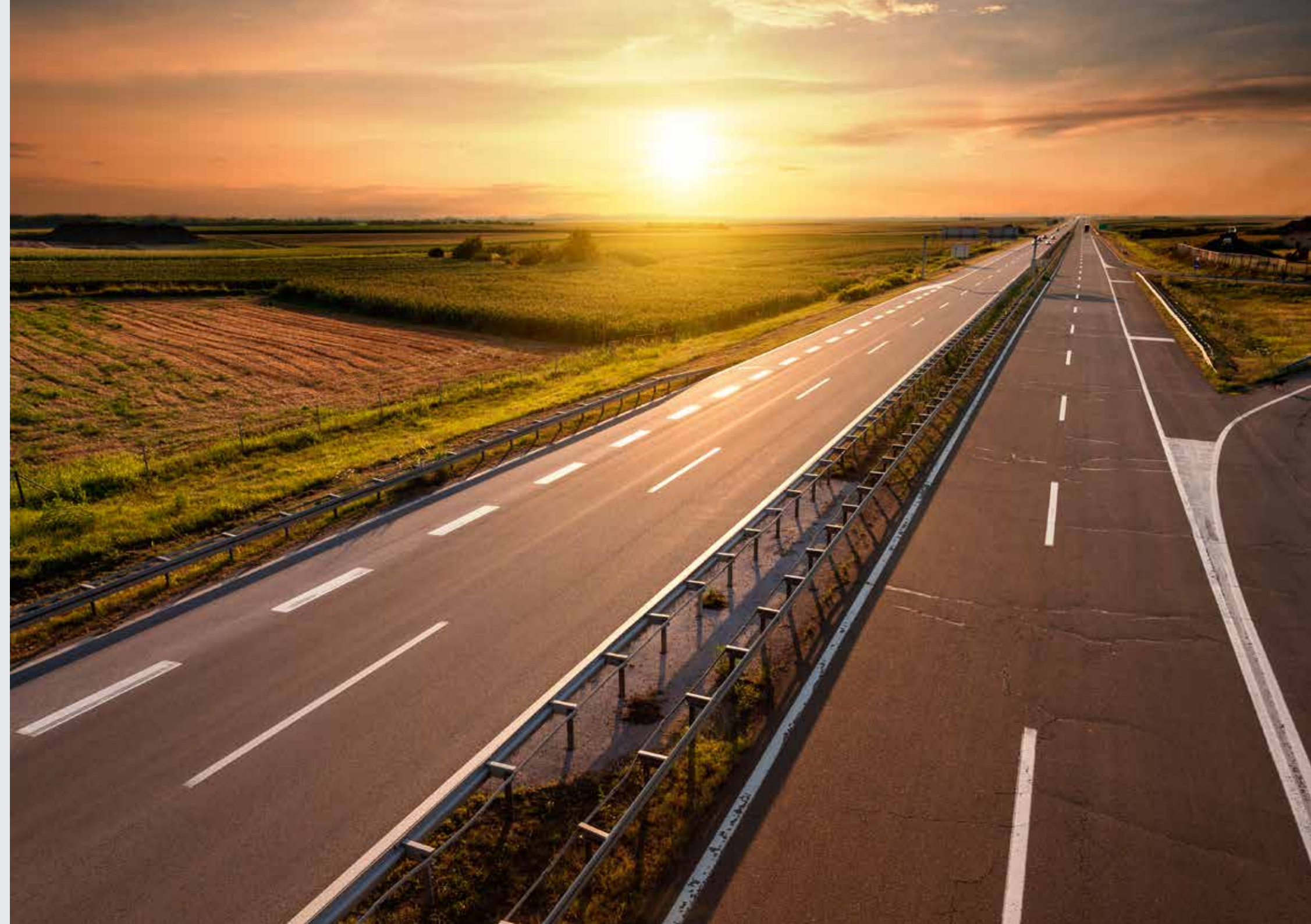


WE ARE THERE FOR YOU UNDER ANY CIRCUMSTANCES

With Temsa's European Road Assistance Service,
we are there for you, anywhere, anytime.

Our professional assistance team accessible 24/7 is
ready to deliver quick and efficient solutions.

+31 546 543 295







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