



CITY



# City

## Freedom of movement

Value in motion



## Look around. The city is yours.

Move to the rhythm of the city. Here, life is fast-paced, intense and unpredictable. You have to keep to a tight schedule and ensure the safety of your passengers. With TEMSA's city range, you can make it through busy traffic and narrow streets with ease and in style. Set out on a new adventure. It's time to tame the urban jungle.

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## AVENUE DIESEL



**AVENUE LOW-FLOOR DIESEL**  
L: 11.995 m, H: 3.200 m (with A/C)

## AVENUE CNG



**AVENUE LOW-FLOOR CNG**  
L: 11.995 m, H: 3.540 m (with tanks)

## AVENUE HYBRID



**AVENUE LOW-FLOOR HYBRID**  
L: 11.995 m, H: 3.490 m (with capacitor)





## TEMSA – Value in motion

‘Value in motion’ is at the heart of everything we do. It represents our commitment to offering added value at every opportunity. We know that a vehicle’s Total Ownership Value is not only determined by its purchase price, but also by its low maintenance cost and high fuel efficiency. As we believe that our products should above all be sound investments, we make great efforts to increase the Total Ownership Value of our vehicles.

### What matters is a good deal

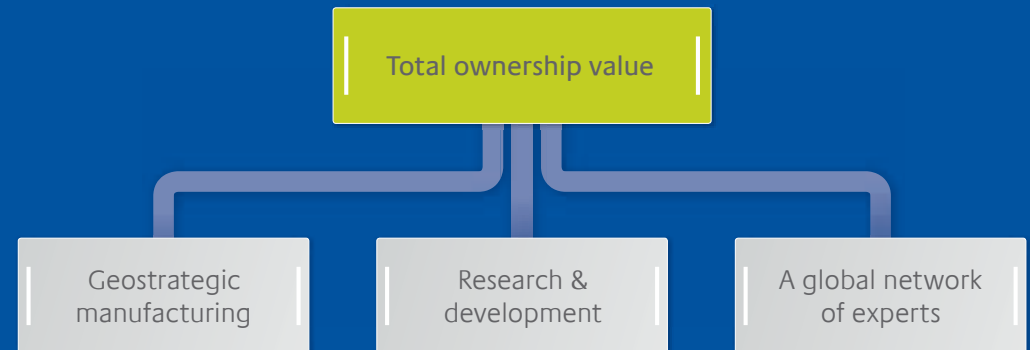
Your first concern is your bottom line. You demand that your suppliers give you the highest possible value for money so your business can thrive. We have anticipated this need by locating our manufacturing facilities in Turkey, the heart of the European automotive industry, and in Egypt. Both countries offer highly skilled and experienced human resources. This enables us to meet your standards and specific demands with your profitability in mind.

### Making a difference through innovation

TEMSEA believes in the added value of innovation. The large scope of work handled by Temsa Global's R&D Company permits us to explore areas such as fuel efficiency, alternative fuels and safety. One of the most striking developments of our R&D Company is the composite material with which our vehicles are currently manufactured. Combined with the stainless steel body, it substantially reduces our vehicles' kerb weight, which has a direct positive impact on their efficiency.

### A partner you can trust

For a business relationship to be sustainable, it should be built on trust. To make sure that you are supported by the most competent and knowledgeable people, we select our TEMSEA dealers and authorised service centres based on rigorous criteria of expertise and financial strength. Over the years, we have built up a strong global network of dealers, authorised service centres and spare parts distribution centres that spans four continents and can respond immediately to your demands.





## The right powertrain

Due to a combination of heavy taxes on fuel, tightening environmental laws and the possibility of further restrictions on greenhouse gas emissions, the development of alternative power systems has been prioritised. By continuously investing in R&D we can now offer you a range of environmentally-conscious propulsion systems, so you can make a well-considered choice. Whether you opt for Diesel, CNG or Hybrid technology, you can be proud of the way you care for your passenger environment.

### **Diesel EEV**

Growing environmental concern has made authorities and operators look for solutions yielding the lowest possible emissions. Therefore, TEMSA adopted the EEV (Enhanced Environmentally-friendly Vehicles) standards, which are even more stringent than Euro 5 standards. Available in a 6.7 or 9.2 litre version with a Cummins or DAF engine, the AVENUE DIESEL EEV is the cleanest diesel vehicle in our range.

SCR technology makes our EEV engines even more fuel-efficient. In addition, EEV vehicles are eligible for the maximum reductions on toll and charges for entering a low emission zone. That is why compliance with EEV standards can help increase your revenue.

### **CNG**

Compressed Natural Gas (CNG) is a fossil fuel substitute for traditional fuels and offers an eco-friendly option in countries where low sulphur diesel is not easily available. It is produced worldwide at a relatively low cost and burns cleaner than gasoline or diesel fuel.

The CNG tanks are made of a composite material that is much lighter than that of our competitors. Even with the CNG tanks, the kerb weight of our vehicles is still lower, making them more fuel efficient.

### **Hybrid**

Hybrid technologies are the future of transport in areas where low environmental impact is a priority. Our Hybrid engines feature the latest Series technology, chosen for its suitability for lower-speed urban traffic. The vehicle's engine and electric motor are electrically coupled via a highly efficient capacitor. This system creates maximum energy recuperation and ensures that the engine is almost always operating in its optimum range. The reductions in fuel consumption and emissions can reach 30%.

With wide-ranging options for capacitor and engine size and capacity, our Series Hybrid vehicles offer great flexibility and are even adaptable for use in Zero-emission zones. Their low running costs, high efficiency, long lifecycle and suitability for Greener Transport incentives make them a smart choice with high ownership value.





# AVENUE DIESEL

## A new way to get around town

**GOOD PASSENGER CAPACITY** – With plenty of room inside, the AVENUE DIESEL is ideal for travel in and around the city, and provides a safe, comfortable ride for all passengers.

**INDEPENDENT FRONT AXLE** – Independent front suspension makes manoeuvring through city streets easier and ensures a smooth ride.

**LOW FUEL CONSUMPTION** – High efficiency and light weight contribute to the AVENUE DIESEL's fuel economy and make it a smart choice for busy city travel.




Comfortable, spacious interior


Protected driver's area



Ergonomic dashboard

### MAIN FEATURES

 Wheelchair/pushchair platform, 2 or 3-door version

 EEV, stainless steel, 85.8% recyclable, 99.5% recoverable

 ASR



# AVENUE CNG

## Making the city green

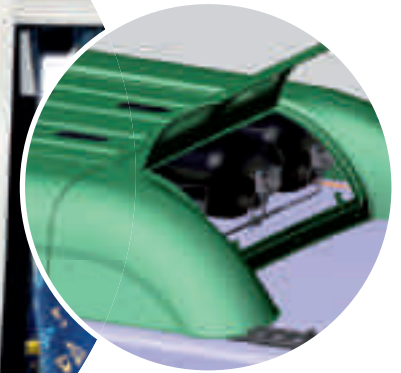
**COMPOSITE GAS TANKS** – Roof-mounted gas tanks, constructed in a light-weight composite material, contribute to the low kerb weight of the AVENUE CNG.

**INDEPENDENT FRONT AXLE** – Independent front suspension makes manoeuvring through city streets easier and ensures a smooth ride.

**LOW FUEL CONSUMPTION** – High efficiency and light weight contribute to the AVENUE CNG's fuel economy and make it a smart choice for busy city travel.



Good passenger capacity





Composite CNG tanks




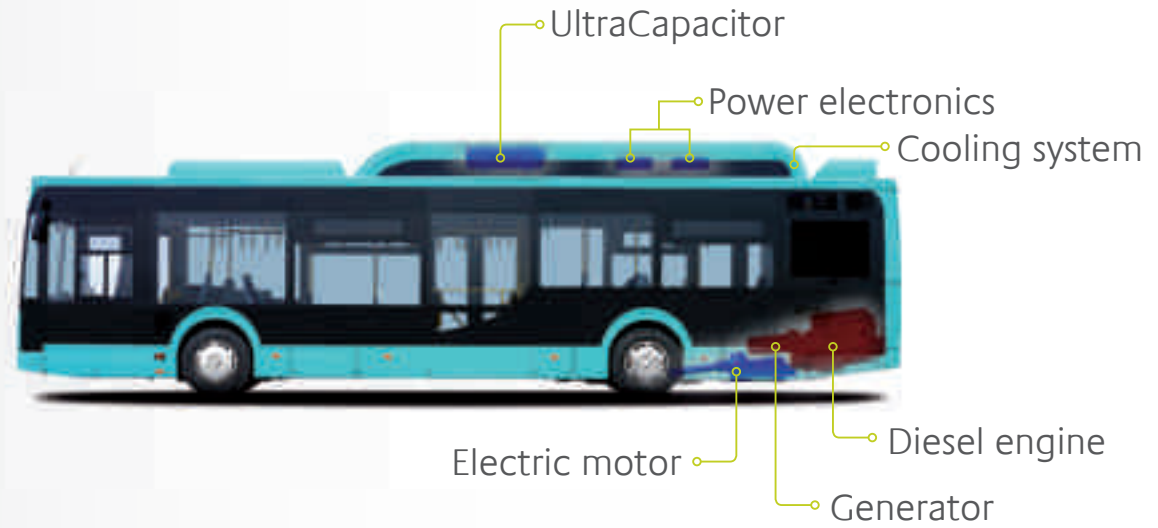
Protected driver's area

### MAIN FEATURES

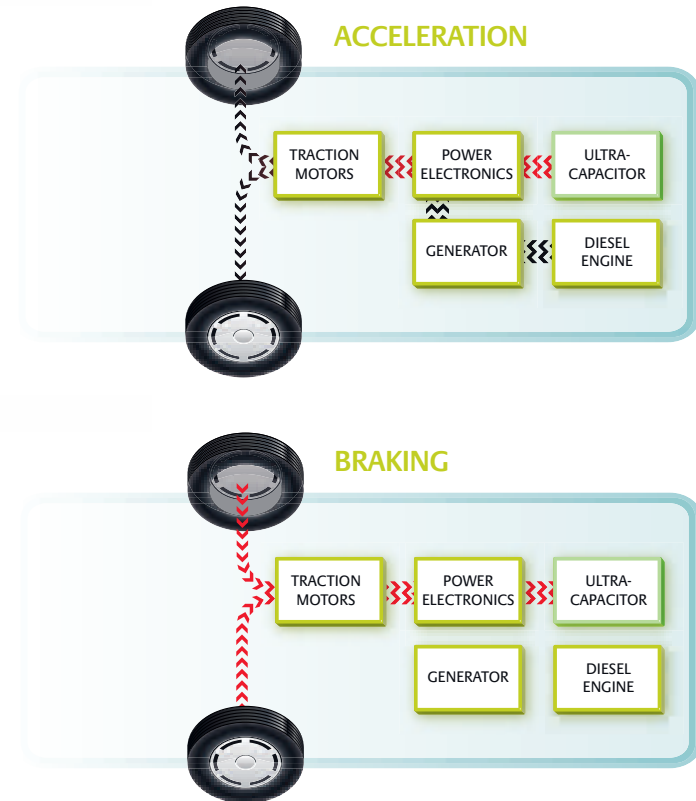
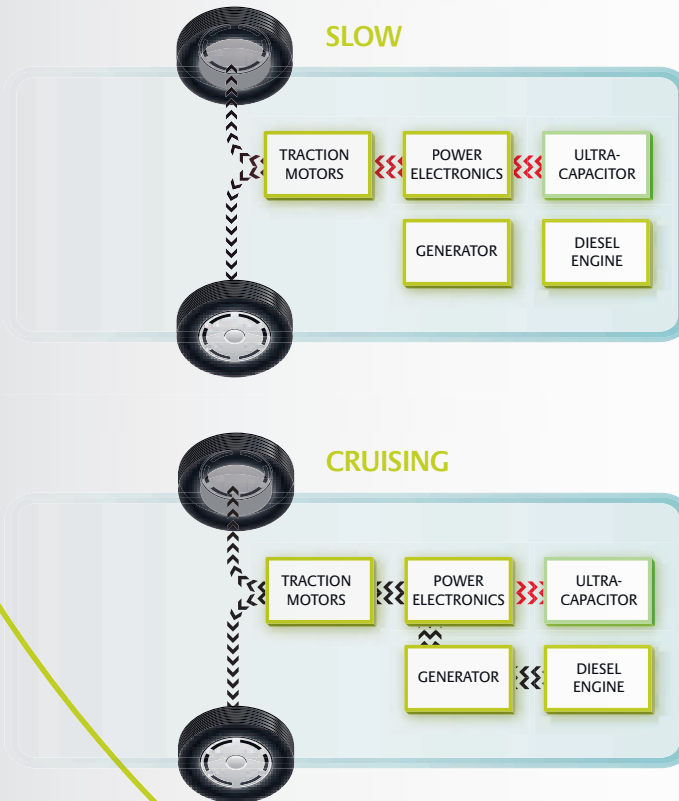
 Wheelchair/pushchair platform

 EEV, stainless steel

 ASR, ABS



**Series Hybrid power flow**



# AVENUE HYBRID

## Creating a cleaner future

**SERIES TECHNOLOGY** – The best Hybrid system for stop-and-go town traffic ensures the engine is almost always running in its most efficient range for lower fuel consumption and emissions.

**ULTRACAPACITOR** – High-capacity batteries contribute to superior power recuperation and storage. The battery is charged at constant speed and torque, enabling smooth engine operation for a comfortable passenger experience.

**FLEXIBILITY** – A range of battery, generator and engine sizes ensures a tailored balance of efficiency and cost.



Comfortable driver's area




Spacious interior




Handrails

### MAIN FEATURES

 Wheelchair / pushchair platform

 Hybrid

 ASR, ABS



## Tailored to your needs

Choose from TEMSA's range of optional equipment to further improve your vehicle's comfort and performance levels. Whatever you need to enhance your vehicle's efficiency, we can offer you the equipment that makes all the difference.



Destination plate



Standardised dashboards



Interior advertising space



## Safety all the way

Safety is the number one priority in the design of our buses and coaches. To make sure you and your passengers reach your destination safe and sound, the TEMSA range is available with technologically advanced passive and active safety features.

### **Anti-Slip Regulation (ASR)**

ASR technology prevents wheelspin when accelerating on slippery roads, increasing the vehicle's traction potential.






## We are there for you


Your business depends on the performance of your fleet. That is why TEMSA's International Customer Services team is committed to serving the necessities of your vehicles. In other words, our main goal is to keep your business moving.

Throughout the lifetime of your vehicles, we ensure minimum downtime and provide maximum response. Wherever you may be and whenever you may need us, you can count on us to serve you as quickly and as efficiently as possible.




 **Total Quality Management**  
 TEMSA's Total Quality Management philosophy is embedded in the manufacturing process. Before delivery, all of our buses and coaches must pass rigorous quality tests. Our dedicated Pre-Delivery Inspection (PDI) team ensures our products comply with the TEMSA design rules and adhere to the highest engineering specifications in the field.




 **Training**  
 Your drivers are the heart of your business. To assist them in operating their vehicles more efficiently and safely, we provide driver training. To ensure you can receive advanced professional repair and maintenance services, we provide continuous training for service mechanics. In addition, the TEMSA Academy is available online.




 **Just a phone call away**  
 To maximise your vehicle's uptime, our European Road Assistance Service can be reached by phone 24 hours a day, all year long. Qualified personnel are on standby to quickly and efficiently respond to your needs, no matter where you are.

 **ROAD ASSISTANCE SERVICE**  
**+31 546 543 295** Europe



 **Genuine spare parts**  
 Downtime is costly. When you need spare parts, you need them fast. To limit your downtime to the absolute minimum, we have set up 5 TEMSA spare parts distribution centres in the EMEA region – in Germany, Austria, France, Turkey and Egypt – from which we can deliver the right parts at the right price and right time.

 **Authorised Service Centres**  
 To assist you with diligence and professionalism every step of the way you can rely on our Authorised Service Centres, which can be recognised by the next logo. They are audited regularly to ensure they adhere to our standards of quality. Their mechanics provide qualified repair and maintenance services and undergo continuous training to keep up with the latest technological developments and innovations in the field.

 **Online solutions**  
 We offer an increasing number of free online solutions to ensure you get fast and efficient support all over the world.





# With a heart for the environment



## Respect

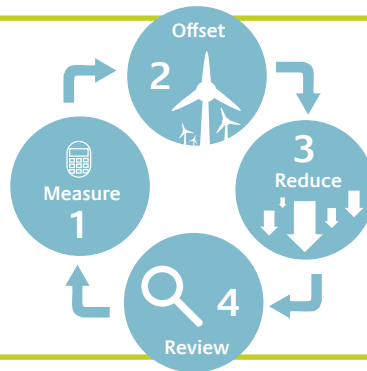
We are committed to using technologies that prevent pollution of our natural resources and manage waste effectively by utilising the Reduce-Reuse-Recycle (3R) principle.

The Temsa Global Company has received the following certificates:

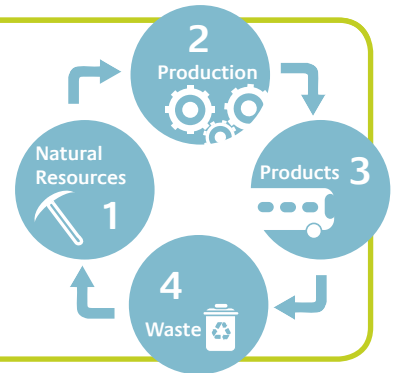
- TS EN ISO 14001 Environmental Management System Certificate
- Wastewater Discharge Permit
- A Grade – Emission Permit
- Hazardous Waste Temporary Storage Area Permit

## Manufacturing

Our processes are reviewed regularly to ensure effective carbon management. This measure, offset, reduce and review process is a direct result of our Environmental Management philosophy.



We also implement energy efficiency measures that reduce our energy consumption and costs. We monitor our environmental performance at every stage of the manufacturing process, ensuring the lowest possible impact on the environment.



## Products

We have clear targets for the **recyclability and recoverability** of our vehicles and components. In general, our vehicles are 85% recyclable and 99% recoverable (ISO 22628 road vehicles – recyclability and recoverability – Calculation Method Standard).

To fight corrosion, we use **Stainless Steel** for the body structure of some of our vehicles instead of the more polluting coating systems. Stainless Steel is made of 90% recycled scrap metal and its light weight contributes to fuel efficiency.

We integrate **alternatives to traditional fuels**, such as CNG (Compressed Natural Gas) and Hybrid technologies. By reducing harmful emissions, we help safeguard the world's natural resources.

Where possible we use **composite materials** in construction. These are light in weight and contribute to lower fuel consumption. Lower fuel consumption means less pollution.

# TEMSA world



**Corporate website**  
[www.temsa.com](http://www.temsa.com)



**Customer service e-tools**  
<http://online.temsa.com>



**Bus & coach website**  
[www.temsa.com](http://www.temsa.com)



# TEMSA



**Bus operators community site**  
[www.busoperators.org](http://www.busoperators.org)

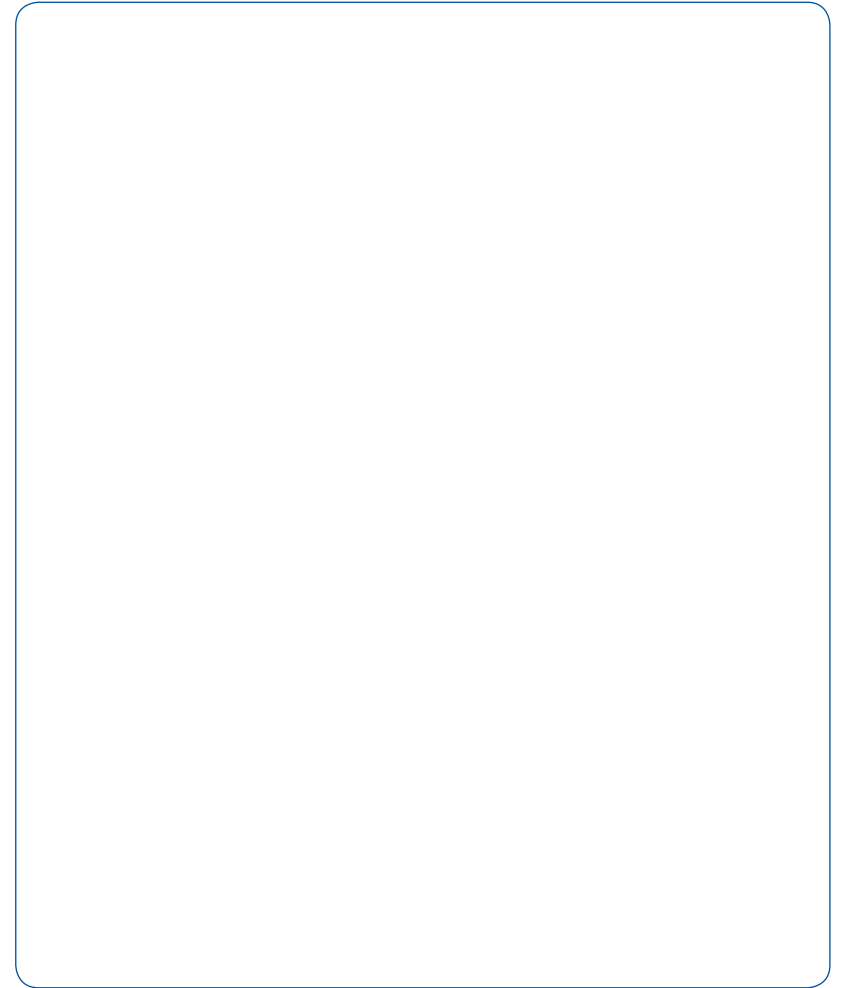


**Used vehicles site**  
[www.busplatz.com](http://www.busplatz.com)



[www.temsa.com](http://www.temsa.com)

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