

NEW GENERATION DAF ELECTRIC

# Powering your Success



Driving zero emissions

A PACCAR COMPANY DRIVEN BY QUALITY

**DAF**



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**SEAMLESS OPERATION**

**OPTIMAL RETURN ON INVESTMENT**

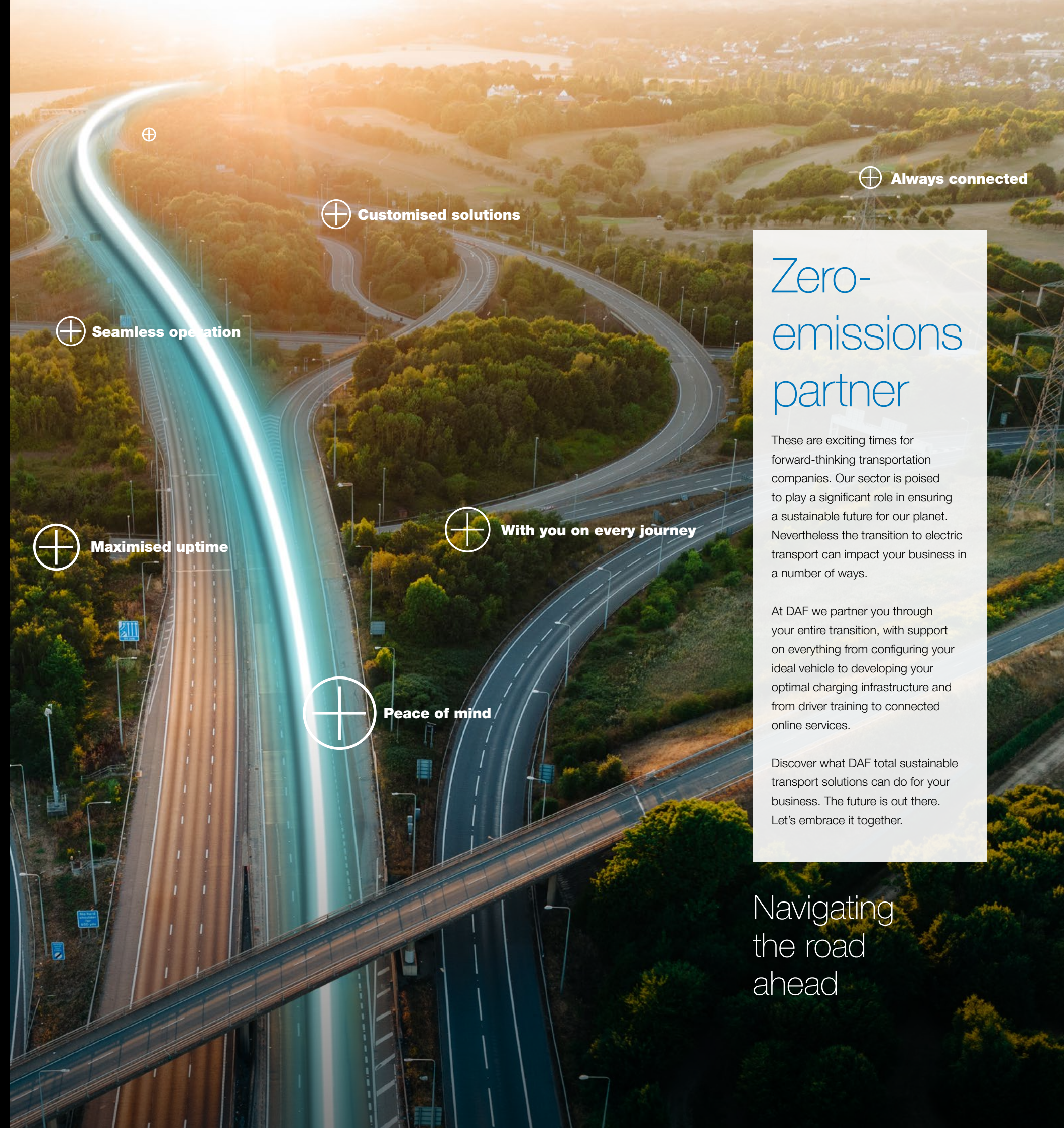
**PEACE OF MIND**

**SAFETY, DRIVER COMFORT, EFFICIENCY**

**CONTRIBUTING TO A ZERO EMISSIONS WORLD**

**CUSTOMISED TO YOUR NEEDS**

**SO MUCH MORE THAN TRUCKS**



⊕ **Seamless operation**

⊕ **Customised solutions**

⊕ **Always connected**

⊕ **Maximised uptime**

⊕ **With you on every journey**

⊕ **Peace of mind**

## Zero-emissions partner

These are exciting times for forward-thinking transportation companies. Our sector is poised to play a significant role in ensuring a sustainable future for our planet. Nevertheless the transition to electric transport can impact your business in a number of ways.

At DAF we partner you through your entire transition, with support on everything from configuring your ideal vehicle to developing your optimal charging infrastructure and from driver training to connected online services.

Discover what DAF total sustainable transport solutions can do for your business. The future is out there. Let's embrace it together.

Navigating  
the road  
ahead





# Seamless operation

Every business is unique, so we begin by listening to you. Once we have a full picture of your operational requirements, we apply our technical expertise, along with the broad experience we've acquired in developing DAF electric trucks. Then we help you configure your vehicles and infrastructure in such a way that you have everything you need and nothing that you don't.



## Completing the puzzle

We put together the perfect solution, tailor-made to meet your business requirements and priorities. It starts with pre-sales advice, to ensure your electric vehicle, your charging strategy, and your service contracts are all configured to meet your specific needs – like pieces of a puzzle coming together.

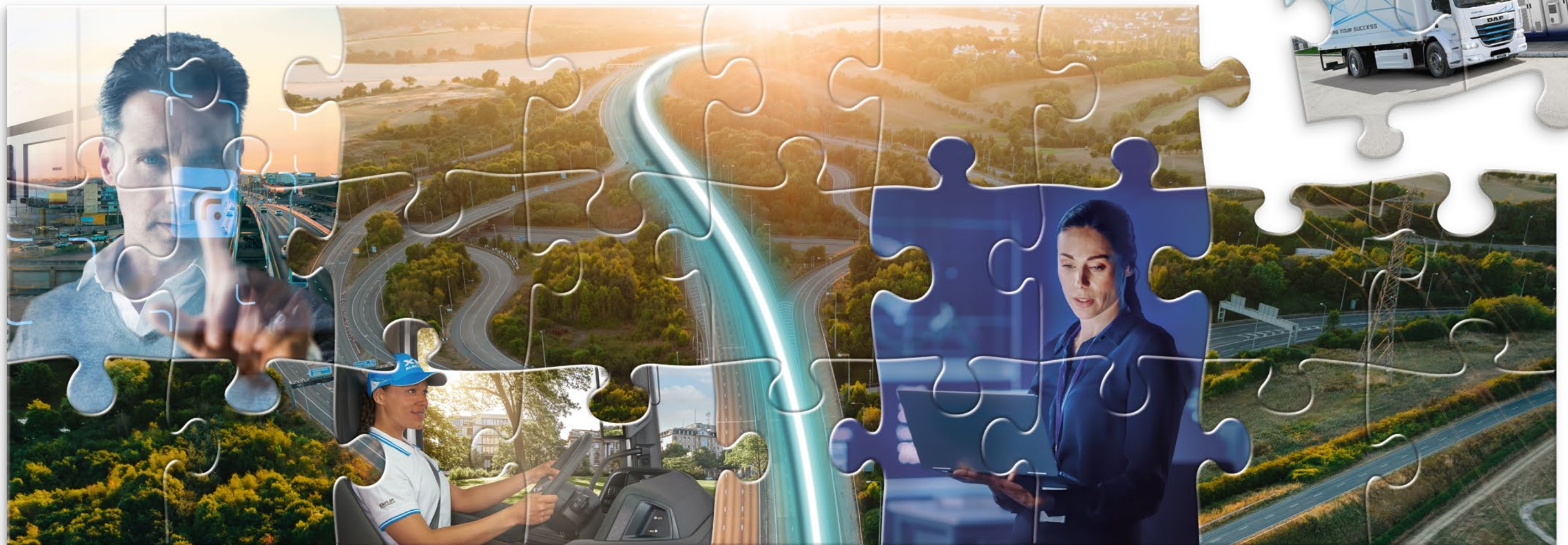
## Fully connected for maximum uptime

PACCAR Connect services give you control of your business processes. From deep, real-time insights into your fleet performance to tailored on-road navigation for drivers.

While DAF MultiSupport provides a repair & maintenance service customised to your business. And in an emergency, DAF's International Truck Service means 24/7 mechanical support is always just a phone call away. In future, cloud-based services will be introduced to push uptime to the max.

## Stay charged

Multiple routes, multiple shifts, multiple needs. We help you identify the best charging solution for your fleet, whether that's offerings from our own range of PACCAR chargers, which are specifically designed to work optimally with DAF trucks, or public charging points. The final mix depends entirely on what's best for you.







# Optimal return on investment

The quality of any DAF electric truck already ensures highly competitive operating costs, while our comprehensive service plans extend the useful lifetime of your vehicle, contributing to a high residual value. But to achieve an optimal ROI, it's vital you have exactly the right vehicles in the right configurations for your operations, along with the most effective financing for your business. Our experts are here to guide you.



## Business case analysis

Optimising your ROI begins with a thorough business case analysis. For this we do everything from conducting detailed route simulations for your operations to helping you develop your ideal charging strategy. So you get a clear overview of how best your business can transition to electric transport in a way that will minimise maintenance costs and maximise residual value.

## Total Cost of Ownership

Having arrived at a clear picture of the products and services you'll need, our experts work with you to create a transparent overview of your TCO. Considering factors such as the maximum payloads your electric trucks will be allowed (which in many countries is already higher than for non-EVs), operational costs and vehicle lifetime. So there are no surprises down the road.

## Financing flexibility and support

Now that you know the exact costs involved, DAF's in-house finance provider, PACCAR Financial, can work with you to tailor a financial solution that precisely matches your needs. This can be customised to cover single vehicle or fleet financing, including your best repair, maintenance and insurance options.





# Peace of mind

We appreciate that for many companies the transition to electric vehicles is a big step. You want to know exactly how it will impact your business. Building on the huge knowledge you already have of transportation, we guide you through the areas where the switch to electric can most impact your operations. From rules and regulations to route planning, and from charging infrastructure to the driver experience.





## Custom solutions for every need

At DAF, the development of electric trucks goes hand in hand with creating innovative EV charging solutions. The new PACCAR Chargers have the same proven e-technology, reliability and versatility as DAF's electric vehicles. For every specific situation there is a charger to suit your business – from compact mobile charging stations to high power chargers that can charge the battery to 80% in just 45 minutes.

## Routing & Charging strategy

Our advanced route simulator doesn't just offer a high-level overview of how to plan routes economically and efficiently. We can drill down to identify the optimal routes for specific journeys key to your operations, matching them to your driving patterns and business priorities.

Looking at your business and operations, along with the detailed route analyses we have done, our experts help you identify your optimal charging strategy. Including the ideal mix from our own range of PACCAR mobile, fast and hi-power chargers; public charging points; third-party solutions and even your own microgrid. To arrive at a strategy that's realistic, cost-efficient and futureproof.

## Driving & Charging training

No one is more affected by your transition to electric than your drivers. As well as instruction videos on YouTube and the DAF Video App, the DAF Academy provides driver training that covers charging, range, regenerative braking and other key points when driving an electric truck. We also help drivers overcome their concerns and join you in embracing the industry's future.







Safety, driver comfort,  
efficiency



# The power of safety

Whether driving down busy streets or out on the open road, you want to know everything has been done to make each trip as safe as possible for the driver, co-driver, pedestrians and other road users. That's why all new DAF trucks comply with or exceed the EU's general safety regulations.

## Direct vision

Optimal direct vision is vital, especially in city areas. Climb into a DAF truck and you see immediately how panoramic windows and the ultra-low window belt line provide outstanding visibility, supported by features such as lean, aerodynamic mirrors that remove blind spots. Indirect vision can also be enhanced, with the DAF Digital Vision System that uses retractable cameras to provide a perfect wide-angle view in all weather conditions for safer cornering and easier manoeuvring in urban settings. Seeing really is believing.

## Hands on the wheel, eyes on the road

From direct driving functions to the digital display menu and ergonomic dashboard, in a DAF electric truck every human-machine interface is optimally positioned at the driver's fingertips. So their focus can stay where it needs to be in busy, unpredictable traffic.

## Active safety

DAF was the first in the market with a full range of Advanced Driver Assistance Systems (ADAS) that help prevent accidents and minimise their severity. These include forward collision warning, lane departure warning, drowsiness detection, side and turn assist, advanced braking and automatic emergency braking.

## Passive safety

If an accident does occur, we've done everything to minimize its impact. Our cab structure is the strongest on the market, with design features that protect against moving loads, prevent cabs from detaching, maximize the occupants' survival space, and reduce the impact of collisions on the driver's chest and knees. It's not something you want to think about, but you'll be glad DAF has.



# The power of driver comfort

It's no coincidence that industry-wide DAF trucks are seen as the benchmark for driver comfort. Cab interior, seats, beds, driveline and suspension – for your driver it adds up to the perfect environment for driving, working, daily admin, resting and sleeping.

## Your space

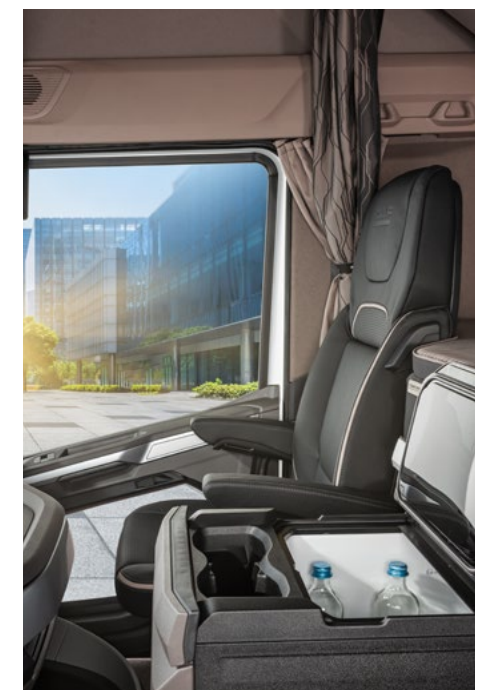
You already notice the difference as you climb into the cab, which we've made extra-easy. Once inside, there's more than enough room to stand and maximum space for seat adjustment and storage, with seats that recline further so you feel better rested after a short stop.

## In control

Back on the road, you've got seat and steering wheel adjustment to fit any occupant and a driver-friendly dashboard with central screen that provides all the information you need and more, including great infotainment with superb sound quality.

## Luxury as standard

Our interiors provide loads of storage space and lighting designed to make driving, relaxing and sleeping as comfortable as possible. And it all comes with a high-end finish, including choice of colour and panel themes that all have the look-and-feel you'd normally associate with a luxury car.







# The power of efficiency

By leveraging the capabilities of our multi-award-winning platform and building a range of electrical vehicles based on this, we ensure you get an even more sustainable, futureproof and gratifying transportation experience.

## Aerodynamic cabs

Our development teams have exploited the new European masses and dimensions regulations to the full, creating extraordinarily aerodynamic cabs. Curved windscreens, tapered sidewalls, roof air deflectors, aero seal, collars, sideskirts, bottom plates and closed wheel bay covers all help reduce drag by guiding wind round, through and under the vehicle.

## Powertrain performance

The biggest gains often lie in the smallest details, which is how we approach every element of the e-motor, transmission and rear axles, so you enjoy maximum driveline efficiency. Take our cooling systems: air passes through the grille with minimal fan engagement, at which point state-of-the-art flowguides in the grille and cab-mounted encapsulation deliver exceptional under-bonnet aerodynamics for the best possible passive cooling.





Contributing to a  
zero emission world



With more and more municipalities limiting access to their city streets to zero-emission vehicles, electric trucks are no longer an option for those in the distribution sector. They are a must.

But regulations are not the only reason transport companies and their customers are moving over to these cleaner, quieter and more sustainable vehicles. Many have their own environmental goals and are proud to be seen helping reduce the noise and pollution levels in cities.

And going green is no compromise. DAF electric trucks are designed to address the challenges of city streets. Highly manoeuvrable, even in the tightest corners. Excellent vision and a range of safety features. Large load capacity. E-motors designed to operate well at low speeds. Comfortable cabs that are easy to hop in and out of. Doing the right thing has never been so easy.

# Driving zero emissions in Urban distribution





# Driving zero emissions in Construction



The modern construction company is focused on more than just getting the job done. They want to do it in a way that enhances their image as responsible corporate citizens. Operating with electric vehicles is a huge step in the right direction.

Noise pollution is a major issue on construction sites. So silent trucks

are a massive bonus. More critically, inner-city construction sites often fall within ultra low or zero emission zones and can only be reached using electric vehicles.

A DAF construction truck is built for demanding on- and off-road applications. High ground clearance and a large approach angle. Strong steel bumpers, radiator protection

plates and extremely robust suspension. Plus easy cab access along with the usual DAF cab comfort.

Whether you need a tipper or hooklift, flatbed or concrete mixer, DAF create construction models that speak for themselves.



Communities today want to live in clean, restful, safe surroundings. That means municipal vehicles not only need to be able to drive around urban and suburban streets safely. They must also be non-polluting and silent, especially when operating late at night or early morning. Municipalities' own regulations are also accelerating the transition to municipal EVs.

DAF municipal electric trucks are body-builder-friendly for easy adaption to a wide range of applications. From refuse side and rear loaders to road sweepers and even multi-task vehicles that can, for example, operate as seasonal snow ploughs. They're also highly manoeuvrable in narrow streets, very quiet, packed with vital safety features, and come with a variety of PACCAR charging options that provide exceptional range and flexibility. So you can clean up our cities in more ways than one.

# Driving zero emissions in Municipality





# Driving zero emissions in Haulage

Beyond getting from A to B as efficiently as possible, forward-thinking regional and national haulage companies are looking to reduce their emissions. To shrink their own environmental footprint, help their clients meet their sustainability targets and showcase their own green credentials.

DAF electric haulage trucks have long had a strong reputation for efficiency, safety and driver comfort. By taking advantage of new European truck design regulations, they now also have enhanced aerodynamics for even greater energy efficiency.

Being electric, they're also cleaner and quieter. With high-density battery packs and state-of-the-art powertrains that deliver outstanding performance, range and durability. So your haulage company can literally bring the future of transportation to the world.





# Customised to your needs

We work with you to configure your vehicle to align with the routing and charging strategy developed during the analysis phase. Going on to look at other factors, such as the right number of batteries (certainly not too few, and not too many either) and the best PTO positioning. As well as addressing specific priorities within your application, from operational range and recharging time to noise levels and energy efficiency.

## Warranty and service

A major benefit of an electric driveline is the limited maintenance that is required. Furthermore, the DAF electric trucks benefit from the same vehicle warranty programs all other New Generation DAF trucks have. The high voltage battery packs are covered by the best warranty in the business, guaranteeing 70% State of Health for 8 years or 4 MWh/kWh, whichever comes first.

## Increased range and payload

Making the best use of the new European masses & dimensions parameters, DAF electric trucks offer increased range and payload.

## Flexibility

Modular battery packs mean more flexibility in wheelbase configurations, weight distribution and body-building.

## Durable battery technology

In order to deliver the best battery performance in terms of durability and range, DAF is the first in the industry to adopt LFP (lithium ferro phosphate) battery technology. Without using toxic materials such as cobalt and rare earth materials such as manganese and nickel, LFP is a truly sustainable composition for batteries. Furthermore, LFP has the best durability and longevity, giving us at DAF the opportunity to deliver the most usable energy to you.



## Charger Selector

Selecting the charger best suited to your transport needs is very important. PACCAR Power Solutions offers professional consultation on your charging strategy, so that you have the right charging infrastructure and service from the start. For more information on the PACCAR charger portfolio, scan the QR code below. Here you can get a first indication of which charger could be suitable for you.





## DAF'S TOTAL TRANSPORT SOLUTION

# So much more than trucks

We appreciate your transition to electric transport is about much more than buying an electric truck. Which is why at DAF we offer a total solution that starts by listening to you and ends with... actually, when you choose DAF as your partner, the support never ends. Our experienced advisors and technical experts are there for you always. Helping you and traveling the journey with you.

### PACCAR Connect

Our connected services give you better control of your business processes. Simplify your daily operations using our user-friendly Portal Services, get deeper insights into the performance of your fleet with our open, secure Data Services, and enjoy the added flexibility offered by our trusted Mobile Services.

Accessed through the PACCAR Connect Portal, all our services are available 24/7/365. Helping you increase vehicle uptime, reduce operational costs and optimize logistical efficiency. With simple-to-use technology that you can trust to keep your confidential data safe.

### DAF MultiSupport

With technology evolving constantly, the service and maintenance of electric trucks becomes ever more complex, requiring specialist support. With DAF qualified technicians and premium parts, we ensure your trucks spend the least amount of time in the workshop and the most amount of time on the road. All DAF electric vehicles come with the recommended option of a Full Care service plan and 24/7 extended breakdown support. So your fleet stays in top condition, achieving maximum uptime.

### PACCAR Financial

As DAF's in-house finance provider, PACCAR Financial provides tailored and complete financial services to the transport sector. A unique understanding of your day-to-day business makes PACCAR Financial your partner of choice.

### PACCAR Power Solutions

Provides charging infrastructure and energy solutions for electric heavy duty trucks. The products & services portfolio covers turn key solutions and service packages for depot charging and destination charging. All offered solutions are brand agnostic.

### DAF Driver Academy

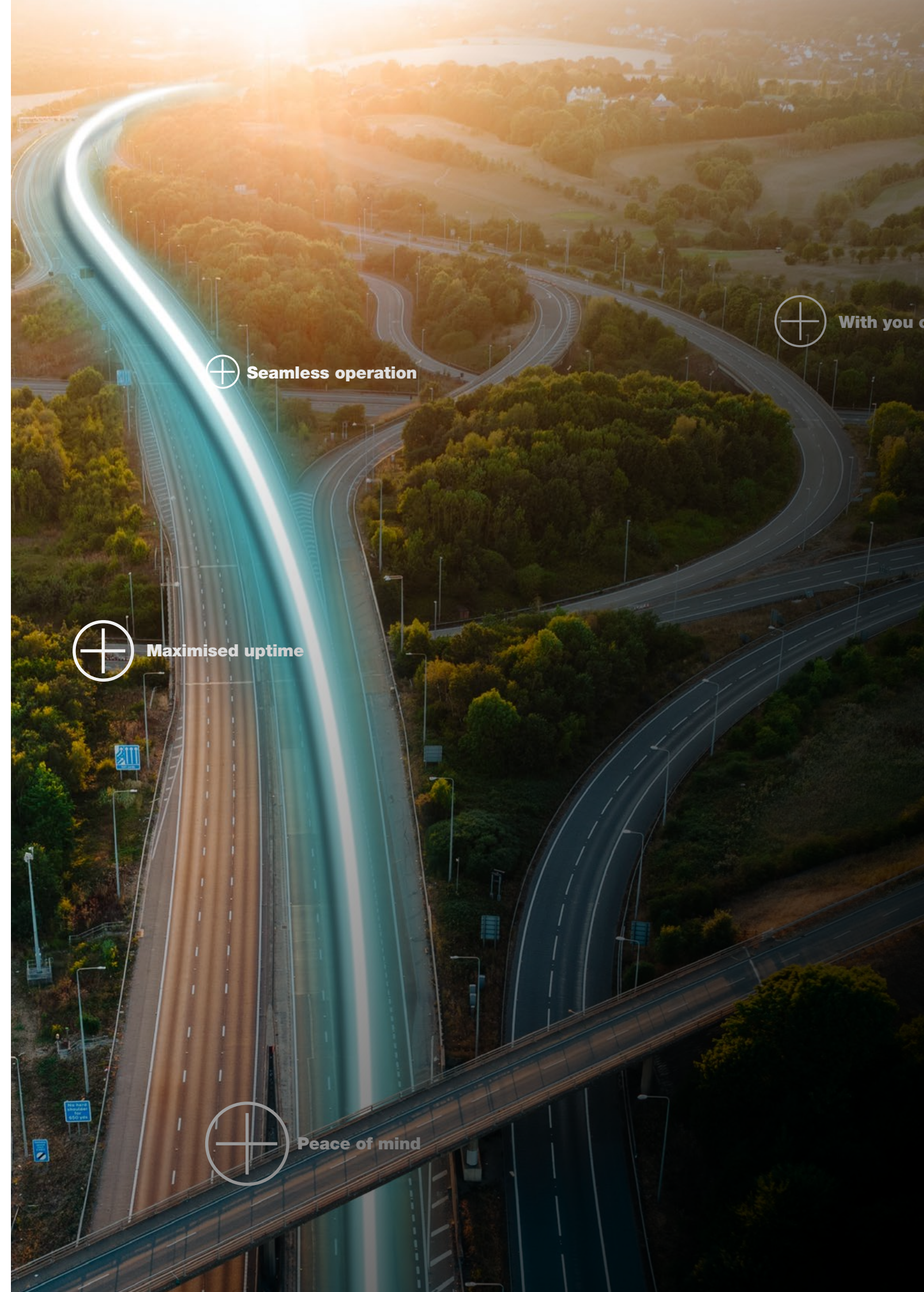
DAF Driver Training helps drivers to improve their performance in terms of safe and efficient driving. The DAF Academy also provides specific training covering charging, range, regenerative braking and other key points when driving an electric truck.

### DAF International Truck Service (ITS)

Fast, professional help is available 24/7 on the road, throughout Europe. Call +31 40 21 43000 to speak directly to an ITS operator.

### DAF Dealer Network

A DAF dealer is never far away. Throughout Europe, our customers can count on around 1,000 DAF dealers and sales & service points for tailored advice and impeccable service.





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ISO14001  
Environmental  
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