

Road Efficiency

Efficiency is the sum of the details.

RoadEfficiency. For even more efficiency.

Mercedes-Benz

Trucks you can trust

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Low total costs

We do everything. To ensure particularly low total costs.

Low costs. Right from the outset and throughout the truck's entire useful life. With innovative, fuel-saving technology, low repair and maintenance costs, high residual values and attractive leasing and financing conditions, which also contribute to the vehicle's efficiency.

Low total costs. Achieving low operating costs with a focus on reduced fuel consumption is the first pillar of RoadEfficiency – and a promise we have continued to keep over the years. For example as the first manufacturer to introduce the fuel-efficient Euro VI engines. Or with Predictive Powertrain Control^{1) 2)}, a system that is capable of saving up to 5% more diesel. In short, innovative technology that has continued to set new standards.

The Actros continues to underline its leading role: in over 2000 Fuel Challenges it has won more than 90% – with a consumption advantage of around 10%³⁾. But that's not all: in future we will continue to work on lowering consumption – further reducing total costs in the process.

Fuel-saving technology. With the modified OM 470 and OM 471 the range now features two even more economical engines, each of which is available in five power output ratings. Other contributing factors to the low fuel consumption include the optimised 12-speed transmission, the improved shift strategy and Predictive Powertrain Control^{1) 2)}. New, intelligent ancillary consumers and honed aerodynamics also play a role. In conjunction with the optimised powertrain, the new OM 470 and OM 471 engines are, all in all, able to achieve fuel savings of up to 6% in comparison with their predecessors.

FleetBoard Performance Analysis¹⁾. The system helps promote a reduced-consumption, reduced-wear driving style. To this end, it records and analyses technical data from the truck. The driver's style of driving is assessed on the basis

of this data and a corresponding mark is awarded. This allows objective assessment and individual driver training. FleetBoard Performance Analysis also ensures that the driver continues to adhere to the reduced-consumption driving style learned during Mercedes-Benz EcoTraining. This can result in long-term fuel savings of up to 15%.

The 2nd generation of new engines and powertrain allows fuel savings of up to 6%.

Additional savings of up to 15% can be achieved with FleetBoard Performance Analysis¹⁾.

Low total costs



Greater safety

We do everything. For a particularly high level of safety.

Getting you there safely – with the support of assistance and safety systems that actively ease the burden on the driver and help protect the vehicle, its cargo and the truck’s surroundings, contributing to greater cost-effectiveness. On every trip.

Greater safety. This is the second pillar of RoadEfficiency: trucks that are very safe are not just an important development for all road users. They are also more efficient, because accident-related downtime is a much rarer occurrence. This is why we have been focusing for over 45 years now on developing innovative safety systems.

This has included the introduction of ABS and ASR, the electronic braking system, Lane Keeping Assist, Stability Control Assist and Active Brake Assist. With the enhanced Active Brake Assist 4⁴⁾⁵⁾ and the new Sideguard Assist⁶⁾ – two safety systems that provide additional support for the driver where there is a risk of collision, including with

pedestrians – we are continuing our pioneering work and doing all that we can to ensure that you arrive safely and efficiently. Not just on the motorway but in urban areas too.

Active Brake Assist 4⁴⁾⁵⁾. The fourth generation of the system assists the driver⁷⁾ by carrying out a full brake application in response to stationary and moving objects and partial braking in response to pedestrians in motion; in this way, it can reduce the severity of accidents or even prevent them completely. Using the 4th radar generation has allowed the range, resolution and reliability to be optimised further, enabling the system to detect difficult situations even more effectively.

Sideguard Assist⁶⁾. It can assist the driver during cornering or lane-changing by detecting moving and stationary objects in the warning zone on the right or in the tracking pattern⁷⁾ and providing visual and audible warnings for the driver. Sideguard Assist monitors the entire length of the tractor/trailer combination and allows you to detect pedestrians and cyclists.

The enhanced Active Brake Assist 4⁴⁾⁵⁾ and the new Sideguard Assist⁶⁾ provide additional support for the driver where there is a risk of collision with pedestrians and cyclists.

Low total costs

+ Greater safety



Maximised use

We do everything. To maximise use.

Intelligent vehicle connectivity and comprehensive service for maximised availability and use. Or in other words: for even more efficiency.

Maximised use. Maximised use is the third pillar of RoadEfficiency. And key factors here are inherently reliable, high-quality trucks and technical innovations. Around 20 years ago, for example, we introduced flexible service intervals based on usage. In addition we offer a Europe-wide service network, Service24h, comprehensive FleetBoard services and Mercedes-Benz ServiceContract to suit your needs.

Developments in the fields of telematics and connectivity have, in turn, allowed further far-reaching improvements. Services that increase vehicle use and make our trucks even more efficient. The new service innovation Mercedes-Benz Uptime^{8) 9) 10) 11)} is the latest milestone on the road to even greater efficiency.

Mercedes-Benz Uptime^{8) 9) 10) 11)}. This groundbreaking service innovation maximises your vehicle's availability and optimises predictability of workshop visits, helping to enhance efficiency still further. Constant monitoring of the vehicle data in real time means that any required maintenance or repair requirements are detected at an early stage.

Your Mercedes-Benz Service Partner will inform you in a timely manner, provide concrete recommendations on how to proceed and support you with an optimal repair solution. This enables you to avoid downtime resulting, for example, from a breakdown or unforeseen repairs and helps optimise scheduled workshop visits. In short, Mercedes-Benz Uptime^{8) 9) 10) 11)} ensures that you are able to carry out your business more safely and efficiently than ever before.

FleetBoard Logistics Management¹⁾. FleetBoard Logistics Management stands for greater efficiency in logistics processes and can be integrated flexibly into your company's own dispatching and ERP (Enterprise Resource Planning) system. DispoPilot.guide or DispoPilot.mobile supports efficient communication, transparent processes and the easy exchange of information between driver and headquarters.

You can significantly increase the efficiency of your fleet with the innovative service product Mercedes-Benz Uptime^{8) 9) 10) 11)} and FleetBoard Logistics Management¹⁾.

Low total costs
+ Greater safety
+ Maximised use



Comprehensive solutions for greater transport efficiency.

Bringing together what belongs together: RoadEfficiency combines low total costs with greater safety and maximised use. For even more transport efficiency.

RoadEfficiency. We have always promised you low total costs – and kept our promise: with low fuel consumption costs, low repair and maintenance costs, attractive leasing and financing conditions and, not least, high residual values, investing in a Mercedes-Benz truck certainly pays. Now we are promising you even more comprehensive efficiency. The new approach is called RoadEfficiency. In concrete terms it encompasses two further promises: greater safety and maximised use.

We are still, of course, pursuing our aim of continuing to lower total costs, above all through optimal fuel efficiency. This is the first pillar of RoadEfficiency and remains a key aspect.

The second pillar of RoadEfficiency focuses on the subject of safety – and here Mercedes-Benz trucks have always led the way. New solutions include Sideguard Assist⁶⁾ and the emergency braking system Active Brake Assist 4^{4) 5)} with pedestrian detection. Both will further enhance safety over the last mile, in other words in urban areas.

RoadEfficiency also plays an important role in fulfilling the promise of maximised use. We have been offering telematics and connectivity-based innovations with FleetBoard for over 15 years. The developments in these areas enable far-reaching improvements.

In addition to FleetBoard Logistics Management¹⁾ we now offer you the new service innovation Mercedes-Benz Uptime^{8) 9) 10) 11)}, which enables you to increase vehicle availability significantly.

In short: RoadEfficiency is all about low total costs, greater safety and maximised use – and we will continue to offer innovative solutions to meet these goals. Because efficiency is the sum of the details.

Low total costs
+ Greater safety
+ Maximised use

RoadEfficiency



RoadEfficiency at a glance.

Increased efficiency is the sum of the details - that all add up to RoadEfficiency.

The three pillars of RoadEfficiency:

- Low total costs as a result of new, 2nd generation engines and powertrain plus FleetBoard Performance Analysis¹⁾.
- Greater safety as a result of pedestrian detection with the new safety systems Active Brake Assist 4⁴⁾ 5) and Sideguard Assist⁶⁾.
- Maximised use as a result of optimised availability and planning control with the new service product Mercedes-Benz Uptime^{8) 9) 10) 11)} and FleetBoard Logistics Management¹⁾.

FleetBoard Manager. Fitting the FleetBoard Truck Data Centre enables free access to the FleetBoard Manager App, which gives you transparency over key vehicle information, for example fuel consumption and vehicle position. The App helps to identify efficiency potential and trends across the entire fleet.

For more information about RoadEfficiency, contact your Mercedes-Benz Dealer or go to:
www.mercedes-benz.com/roadefficiency

¹⁾ Optional equipment.

²⁾ Available for Actros, Arocs and Antos.

³⁾ As at 06/2016.

⁴⁾ Optional equipment, only in conjunction with Proximity Control Assist.

⁵⁾ Available for Actros, Arocs, Antos from 12/2016.

⁶⁾ Only available for LHD vehicles. Only for 4x2 LS and 6x2 L Actros and Antos and in conjunction with 650 mm x 700 mm tank and three-piece wing.

⁷⁾ Under optimal conditions and within system limits.

⁸⁾ Available for new Actros, Arocs, Antos orders from 10/2016.

⁹⁾ Available as an option with every Mercedes-Benz ServiceContract or as a separate product.

¹⁰⁾ Can be combined with all FleetBoard services.

¹¹⁾ In conjunction with FleetBoard Truck Data Centre which is a deselectable standard item for Actros and optional equipment for Arocs and Antos.

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