



PRESS RELEASE

GROUP

Paris – Wednesday November 22, 2023

Solutrans 2023

Michelin launches MICHELIN Connected Mobility, a new, innovative and extremely high added value solution for fleets

- MICHELIN Connected Mobility, a major new offering providing fleet support for safer, more efficient and more sustainable operations.
- A comprehensive offering combining Michelin's unique know-how to supply high-tech tires, tire performance optimization, predictive maintenance and connected fleet management.
- A further illustration of the Group's commitment to lower carbon mobility.

To coincide with Solutrans 2023, Michelin is unveiling its latest innovation, dubbed **MICHELIN Connected Mobility**. This new, comprehensive and technological offering aims to provide an effective response to fleet managers' many needs.

From selecting the best suited tires to fleet management, tire monitoring and automatic inspection, Michelin is leveraging all of the Group's expertise for its clients in order to reduce vehicle downtime, emissions and accidents.

Already deployed in Spain and Portugal in July 2023, the offering will be rolled out in France and other countries in 2024.

A new, comprehensive offer which combines the Michelin Group's unique know-how

MICHELIN Connected Mobility is a unique alliance of tires and services, focusing on 4 major thrusts:

- Providing high-tech tires;
- Managing and optimizing tire performance;
- Access to fleet management solutions via MICHELIN Connected Fleet, which combines vehicle data with driver behavior;
- Access to a new, automatic predictive and alert maintenance solution: **MICHELIN Smart Predictive Tire.**



GROUP

Focus on **MICHELIN Smart Predictive Tire**

Michelin has received the 'I-nnovation Awards' at Solutrans 2023 in the digital category.

MICHELIN Smart Predictive Tire simultaneously notifies fleet managers and service providers in the case of abnormal pressure, temperature or wear and tear so they can take action in the right place, at the right time. The solution thereby guarantees quick and appropriate decision-making, enhancing safety for drivers and road users.

The solution also sends a weekly predictive maintenance report for tires so vehicle downtime can be anticipated and prioritized, and to avoid multiple mechanical and tire interventions.

This new feature is enabled by MICHELIN QuickScan technology (automatic wear and tear diagnosis system), a TPMS pressure sensor to automatically check tire pressure in real time and MICHELIN predictive algorithms to convert data into personal recommendations, adapted to each fleet.

"MICHELIN Connected Mobility is a major milestone in our strategy. This innovation will help to make mobility safer, less carbon-reliant and more efficient. By combining its technological leadership with its ability to utilize data, Michelin hopes to address the operational, human and environmental management challenges of its carrier clients", explained Lorraine Frega, Business Director Distribution, Services and Solutions – Member of the Group Executive Committee.

With MICHELIN Connected Mobility, carriers can enhance performance, ensure the safety of goods and employees, streamline maintenance and cut vehicle downtime, thanks to a reduction in repairs caused by tire pressure issues of up to 80%¹.

A further illustration of the Group's commitment to lower carbon mobility

By using the most suitable tires, improving pressure checks and extending the service life of tires, associated fuel consumption and CO₂ emissions decrease. MICHELIN Connected Mobility thereby offers a carbon footprint reduction of up to 12%².

¹ Reduce the number of tire repairs caused by pressure loss by up to 80%. Estimated maximum reduction of the number of repairs caused by underinflated tires with regard to their recommended pressure rating thanks to daily pressure measurements and proper maintenance. Michelin internal study involving 7,000 vehicles in Europe benefitting from the Michelin Effitrailer solution, based on 340,000 pressure measurements analyzed.

² **Cut your fuel consumption by up to 5%** by fitting your fleet with MICHELIN X LINE Energy tires. Simulation made on April 4, 2023 using VECTO (Vehicle Energy Consumption Calculation Tool) methodology, comparing one convoy (fitted with MICHELIN X LINE Energy Z2 & D2 315/70 R22.5 tires on the towing vehicle and MICHELIN X LINE Energy T 385/55R22.5 tires on the trailer's axles) with another convoy (fitted with MICHELIN X MULTI Z & D 315/70 R22.5 tires on the towing vehicle and MICHELIN X MULTI T2 385/55R22.5 tires on the trailer's axles), for 100% long haul use and a total weight of 29 metric tons (towing vehicle + trailer + load).
Use up to 1.3 mm* extra rubber and **cut your fuel consumption by up to 1%****



GROUP

Photos and attachments available on:

<https://contentcenter.michelin.com:443/portal/shared-board/2cb53535-e3d2-485b-ad6e-831015057544>

About Michelin

Michelin, the leading mobility company, is dedicated to sustainably enhancing its clients' mobility; designing and distributing the most suitable tires, services, and solutions for its clients' needs; providing digital services, maps, and guides to help enrich trips and travels and make them unique experiences; and developing high-technology materials that serve a variety of industries. Headquartered in Clermont-Ferrand, France, Michelin is present in 175 countries, has 132,200 employees and operates 67 tire production facilities which together produced around 167 million tires in 2022. (www.michelin.com)

MICHELIN GROUP PRESS OFFICE

+33 (0) 1 45 66 22 22

7 days a week

www.michelin.com

@MichelinNews

112, Avenue Kléber, 75116 Paris

*Maximum mm gain measured thanks to regular use of Michelin QuickScan and necessary maintenance. Comparative measurements, before and after installation of the Michelin QuickScan technology, involving 6,806 tires removed between 2020 and 2022 at 5 sites belonging to 6 French carriers benefitting from Michelin QuickScan technology.

** Michelin internal estimation calculated based on a fuel saving simulation linked to tire use, carried out in 2022 according to the following method: comparison of fuel consumption of a convoy fitted with new tires with that of a convoy fitted with used tires (minimum legal tread thickness, i.e., 1.6 mm) under identical driving conditions (weather, road and driver behavior). The two convoys were fitted with MICHELIN X MULTI Z & D 315/70 R22.5 on the towing vehicle and MICHELIN X MULTI T2 385/55R22.5 on the trailer's axles for 100% long haul use with a total mass of 40 metric tons (towing vehicle + trailer + load), and a reference fuel consumption of 32.42 l/100. The saving in fuel consumption for 1 mm of extra rubber used was 0.8%, or a 1% fuel consumption saving for 1.3 mm of extra rubber.

Cut your fuel consumption by up to 2% thanks to real time tire pressure measurements and maintenance. Michelin internal estimation carried out in 2022 and calculated based on a fuel saving simulation using the following method: comparison of fuel consumption of a convoy fitted with new tires at the recommended pressure rating, with those of a convoy fitted with new tires underpressurized by -30% with regard to the recommended pressure rating in identical driving conditions (weather, road and driver behavior). The two convoys were fitted with MICHELIN X MULTI Z & D 315/70 R22.5 on the towing vehicle and MICHELIN X MULTI T2 385/55R22.5 on the trailer's axles for 100% long haul use and with a total mass of 40 metric tons (towing vehicle + trailer + load) along with a reference fuel consumption of 32.42 l/100.

Cut your fuel consumption by up to 4% with Michelin Connected Fleet. Minimum reduction in fuel consumption detected after 11 European Michelin Connected Fleet client haulage operations involving their entire truck fleet from 2019 to 2023.