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Oggetto : PIRELLI AND THE ABET GROUP SIGN
AGREEMENT FOR THE JOINT
DEVELOPMENT OF REMOTE-CONTROLLED
GROUND RESCUE VEHICLES

Testo del comunicato

Vedi allegato



PRESS RELEASE

PIRELLI AND THE ABET GROUP SIGN AGREEMENT FOR THE JOINT DEVELOPMENT OF REMOTE-CONTROLLED GROUND RESCUE VEHICLES

PIRELLI WILL CONTRIBUTE ITS CYBER TYRE TECHNOLOGY AND THE DEVELOPMENT OF A DEDICATED TYRE TO THE PARTNERSHIP

THE CYBER TYRE SYSTEM'S PHYSICAL AND VIRTUAL SENSORS WILL ENABLE THE OPTIMIZATION OF VEHICLE FUNCTIONALITY THROUGH THE REAL-TIME TRANSMISSION OF INFORMATION

CASALUCI: IN ADDITION TO AGREEMENTS ALREADY SIGNED, THIS NEW PARTNERSHIP, WORKED ON FOR SOME TIME, WILL ENABLE THE STRENGTHENING OF THE CYBER TYRE ECOSYSTEM

SERRA: WE ENTHUSIASTICALLY WELCOME THIS OPPORTUNITY TO EXPAND ADVANCED COMPETENCIES THROUGH THE CYBER TYRE ECOSYSTEM

Milan, 5 August 2026 - Pirelli and the Abet Group have signed an agreement to jointly develop technologies aimed at the creation of remote-controlled electric ground vehicles for rescues on land and in particularly rugged and extreme environments.

Pirelli will bring to the partnership the skills and technologies developed for the Cyber Tyre, as well as the use of optical sensors, which will enable the transmission of information to the vehicle in real time enabling maximum grip in different environmental conditions and optimizing the remote control of the vehicle.

The collaboration also calls for the development of a dedicated tyre for the vehicle based on Pirelli's proprietary Run Forward technologies, which will enable the vehicle to confront and adapt to the most extreme surfaces.

Within the scope of the agreement, it is foreseen that Pirelli and Abet High Tech Solutions will jointly develop advanced models of AI and Machine Learning, drawing on their complementary skills and experiences. The development activities aim to integrate and enhance the data coming from the vehicle and Cyber Tyre systems (sensors, cameras), with the goal of developing predictive models and innovative functionalities on board the vehicle.

Andrea Casaluci, Pirelli CEO, said: *"After the partnerships signed with Bosch, Movyon, Regione Puglia, Univrses and Ridesense, we have finalized a new agreement, one we worked on for some time, which will allow us to further strengthen our Cyber Tyre platform. We knew that Cyber Tyre technology would be ideal for the driving optimization of rescue vehicles working in extreme conditions and this led us to the Abet Group as the ideal partner in this phase. Cyber Tyre technology and its applications enable the collection of data and information useful in guaranteeing greater precision and reliability of vehicles designed to move and operate in extreme conditions. This sector represents an interesting market segment that we want to explore, convinced as we are of the potential of our technology and the value that it could deliver for Pirelli".*

Fulvio Serra, Abet HTS CEO, said: *"We are grateful to Pirelli for choosing Abet High Tech Solutions as technological partner for the development of the Cyber Tyre platform on our remote-controlled vehicles. The UGV (Unmanned Ground Vehicles) represent the cutting edge of a new field in which continuing innovation becomes fundamental. We are talking about compact and essential tyre-fitted vehicles, very*

sophisticated in design and operating in hostile conditions: in military logistics and rescue in operational theatres and sensitive areas; in complex rescue operations following natural catastrophes like earthquakes or situations like fires or operations in highly polluted or potentially radioactive places. The reliability of the tyre and the collection of data and information greatly increase performance capacity and usage safety, making the Cyber Tyre technology indispensable.”

Following the signing of this agreement, which involves activities of strategic importance, Pirelli will proceed, together with Abet HTS, to notify the Golden Power office in accordance with article 1 of legislative decree 21/2012.

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