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BUILDING FOR LIFE

Press release

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BOUYGUES CONSTRUCTION JOINS FORCES WITH INNODURA TO ACCELERATE THE DEVELOPMENT OF ROBOTICS IN THE CONSTRUCTION SECTOR

Innodura and Bouygues Construction today announce the signing of a strategic partnership agreement aimed at boosting the integration of advanced robotic technologies on construction sites and supporting the transformation of the construction industry. The collaboration will contribute to reducing the physical strain of construction work, improving productivity and making the industry more appealing to younger generations.



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Innodura, a Lyon-based SME founded thirteen years ago, specialises in robotics and computer vision/AI. It designs solutions that enable a robotic arm equipped with a 3D camera to perceive its environment and adapt its movements and trajectories in real time. By combining innovative 3D perception and AI algorithms, it develops the robot's 'brain'.

Bouygues Construction has collaborated with Innodura for over four years on running a number of automation programmes. These projects have explored practical applications of robotics in construction, such as carrying out complex tasks, working in constrained environments, integrating new safety standards and developing assistants able to perform the most arduous or repetitive tasks. The solutions tested include an inspection robot capable of operating in restricted spaces (e.g. tunnels and nuclear power plants) as well as on conventional construction sites, and a drilling robot

that can be used for installing thermal insulation, which will help accelerate the widescale rollout of energy-efficiency renovations.

Beyond technological innovation, the work undertaken has the clear objective of alleviating the physical demands on site workers, improving operational efficiency and making the sector more attractive by introducing modern tools that are better suited to real working conditions.

In this context, the Group is further strengthening its collaboration with Innodura by signing a partnership agreement covering the field of robotics for construction. This partnership specifically involves the creation of a multidisciplinary team of experts from Bouygues Construction and Innodura, who will be entirely dedicated to developing construction site robots, and the creation of a dedicated construction lab at Innodura with a direct link to Scale One¹. This constitutes a strategic investment at a time when the construction robotics ecosystem is booming and particularly competitive on a global scale.

Jean-Philippe Trin, Deputy CEO of Bouygues Construction, said: "This partnership is an important step in our strategy of useful innovation. The technologies developed with Innodura will speed up the intelligent robotisation of our construction sites, improving performance, safety and the attractiveness of our businesses."

Maxime Robin, CEO of Innodura, said: "We commend Bouygues Construction's commitment to French innovation and to the industry. Our partnership is a milestone, and it will undoubtedly be a powerful driver of rapid progress. Today, we are combining our skills to pursue a shared ambition: developing, testing and deploying intelligent robotic solutions for construction sites in a short timeframe."

ABOUT BOUYGUES CONSTRUCTION

Bouygues Construction employs 35,600 people around the world, all driven by the greatest and most exciting responsibility of all - building for life. In more than 50 countries, we improve daily life for millions of people by creating structures and buildings that serve life and address all our needs: shelter, healthcare, education, work, entertainment, travel, access to low-carbon energy, etc. At every stage of a project, we put all our expertise and our experience into designing, renovating and building differently so that we can meet the critical imperatives of the environmental transition and achieve construction that is sustainable and less resource-intensive. Every day, we make sure that everyone is safe, and that human rights and ethical standards are respected. Committed to strong values, the men and women of Bouygues Construction work passionately alongside their customers and partners so that our footprint becomes ever more positive. In 2024, Bouygues Construction generated sales of €10.3 billion.

ABOUT INNODURA

Based in Lyon, Innodura is an engineering company specialising in measurement systems, industrial vision, signal processing, acoustics, vibration analysis, motor control and artificial intelligence. The company designs measurement and testing solutions for industrial applications. Focused on innovation in 3D vision and AI, Innodura conducts numerous research and development projects and is active in robotics and data science, including robotic guidance, 3D digitisation and inspection, embedded navigation, AI-based detection and prediction and predictive maintenance.

PRESS CONTACTS

¹ SCALE ONE is a shared research and innovation platform open to the entire construction industry which allows technological solutions for construction to be designed, manufactured and tested in real-world conditions.

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