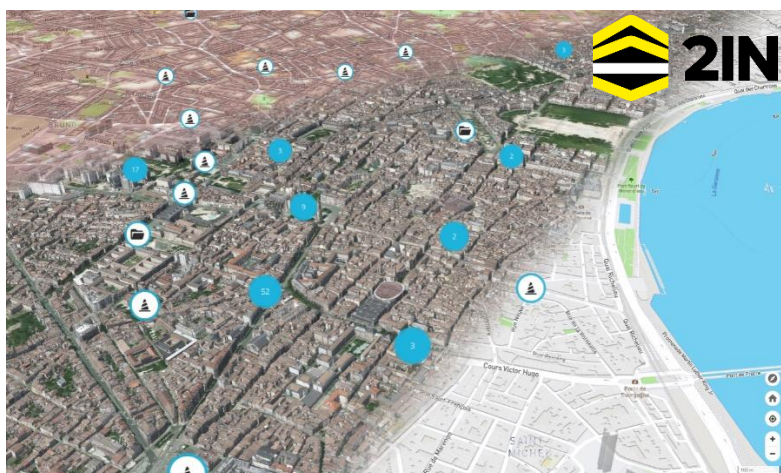# Colas is launching 2IN, a digital twin offer

To support local authorities and respond to major environmental challenges, Colas has just launched 2IN (pronounced "twin"), a new digital twin mapping platform. The aim is to facilitate monitoring of infrastructure and other sectors at a regional, country, town and city level, which will help improve the local communities' ability to adapt to risks and foster greater resilience, thanks to enhanced data and integrated services.

Presented for the first time at BIM World, 2IN is designed for local authorities, property managers, developers and promoters. This innovative platform gathers and enriches all the data available within a given region, county, city or town, creating its digital representation or "twin". Easy to use, even for those not well versed in BIM (Building Information Modeling) and GIS (Geographic Information System), 2IN provides multi-scale visualizations of buildings, roads and underground infrastructure, etc., along with associated risks. As a decision-making tool, it gives access to a range of services: predictive maintenance and preventive management of infrastructures, solutions to combat urban heat islands, remediation of soil and industrial sites, and circular economy during construction.

2IN is designed to meet the needs of stakeholders and their environment. The platform enables developers to design sustainable projects, allows local authorities to play a role in the quality of life and resilience of local communities, and gives property managers the possibility to improve the environmental and economic performance of their assets and infrastructure.

« Colas has been a pioneer in BIM in the construction industry for the last ten years, and we are now positioning ourselves with a digital twin designed for towns & cities, with an innovative, differentiating approach: 2IN, explains Maud Guizol, BIM & CIM Director for the Colas Group. *»*

2IN is part of Colas' digital transformation, one of its four development priorities. This offer follows the launch of the BIMbyCO approach in 2013 to help employees acculturate and improve their BIM skills and then integrate new technologies (artificial intelligence, generative design, etc.) into BIM.

Colas (www.colas.com)

Colas, a subsidiary of the Bouygues Group, has one mission: to imagine, build and maintain sustainable transport infrastructure. Backed by a network of 900 construction business units and 3,000 material production units in more than 50 countries on five continents, the Group's 58,000 employees act locally to connect communities and foster exchanges for today and tomorrow. Colas' ambition is to be the world leader in innovative, sustainable mobility solutions.

In 2022, consolidated revenue at Colas totaled €15.5 billion (60% outside of France).