**Digital twin & BIM for infrastructure :**

# Egis and Catenda sign a new partnership to stimulate the development of BIM and « Digital Twins » to the world of civil infrastructure.

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**Egis, the French engineering group and Catenda, the Norwegian technology company, started their collaboration in 2018, around the realization of digital BIM models for three French urban transport infrastructure projects. The two companies signed a new partnership agreement.**

**The objective? Jointly bring BIM collaboration to the world of Infrastructure. It is a significant challenge to develop digital processes and user experience as close as possible to the needs of linear infrastructure engineering and users of digital twins.**

## Why this collaboration?

Egis has been using Bimsync® for 5 years for transport infrastructure BIM projects i.e., the Grand Paris Express metro, the Lyon metro, the Marseille tramway and several projects for SNCF Réseau (French national rail operator).  This collaborative platform allows all the trades to gather and lets all the stakeholders collaborate in a unique space; it is accessible to all and very easy to understand.

In addition, as initiator and co-leader of the MINnD project, Egis has been involved since 2014 in the extension of the IFC standard to infrastructure, in the fields of rail, roads, engineering structures, tunnels and geotechnics (IFC 4.3). More recently, through buildingSMART International's "Apply IFC 4.3 for Rail", Egis continues to invest in the integration of IFC 4.3 in software.

**It was therefore an obvious choice for Egis and Catenda to collaborate on a common goal to enhance the collaboration and communication on Infrastructure projects using the Bimsync® platform. Catenda and Egis  are both dedicated to the build on the open formats (IFC and BCF) and  together enhance Bimsync  that is perfectly adapted to linear infrastructures and digital twins., always in compliance with open formats (IFC and BCF).**

Egis is therefore assured of having a solution that is even more adapted to its needs and those of its clients, which simplifies the user experience, a fundamental ingredient in the success of "digital twin".

## About Egis

**IMAGINE. CREATE. ACHIEVE.**
*a sustainable future*

Egis is an international player active in the consulting, construction engineering and mobility service sectors. We design and operate intelligent infrastructure and buildings capable of responding to the climate emergency and helping to achieve more balanced, sustainable and resilient territorial development.

With operations in 120 countries, Egis places the expertise of its 16,200 employees at the disposal of its clients and develops cutting-edge innovation accessible to all projects. Through its wide-ranging fields of activity, Egis is a central player in the collective organization    of society and the living environment of citizens all over the world.

## Press contacts

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## About Catenda

Catenda is a Norwegain company established in 2009 as a spin-off from SINTEF Building and Infrastructure (the largest independent research organization in Scandinavia). The companys vision is to make the construction industry data driven to achieve breakthrough achivements and sustainabiliy..

Catenda makes Bimsync®, a cloud based collaboration platform for the AEC industry. Bimsync is a common data environment that allows all actors of a construction project to collaborate efficiently, from design to commissioning of boththe buildings andor infrastructure. Bimsync® allows you to connect all data and commuciacte effectively using the digitial twin.

The company has a strong national and international market position, with offices in Norway, France, Germany, and the US and is a is a multinationalmember of buildingSMART where it holds a central position in the developing bodies for open construction standards (IFC, BCF and bSDD standards). The company has a strong and growing team of over 30 ambitous and driven people from the reaserch, construction and software industry.

Bimsync®    facilitates collaboration through an open standards based    document, model and issuet management (visualization, comments, version management, validation, etc.). The growing number of integrations is a helping the automatic exchange of inofrmation acrossing authoring, quality and viszuaslisation tools.    To learn more about Catenda, please visit our website *www.catenda.com*