

WIZZCAD re-defined the refurbishment in occupied sites

WIZZCAD, the first BIM-native SaaS solution for construction, refurbishment, operations and maintenance, is participating in H'Expo, tradeshow for business in dwelling, at the occasion of 80th congress for Low Rent Housing. On this occasion, WIZZCAD presents its unique solution for refurbishment in occupied sites, a proven solution for refurbishment just as the refurbishment for 1000 social housing units in department Vaulx-en-Velin (69)

Driven by public policies on urban renovation due to the aging dwelling, the refurbishment market, in particular for social housing, is increasingly dynamic. But to refurbish these buildings remains a real challenge, in terms of economy, society, environment and logistics, especially when they remain occupied during the work.

WIZZCAD solutions, which digitalize the entire business process throughout the lifecycle of the building, improve significantly the refurbishment site performance: modeling of existing buildings, archiving of building information prior to demolition/extension, optimization of decision-making before and after the refurbishment. Furthermore, WIZZCAD has the unique solution on the market which is dedicated to refurbishment in occupied areas, which enables a particularly structured and fluid organization.

The collaborative solutions of WIZZCAD make it possible to monitor the project progress and to keep all project stakeholders, including the tenants, informed whenever from anywhere. Paired with other modules of WIZZCAD such as Electronic Document Management and BIM solution, WIZZCAD solutions give old buildings the same advantages as recently built dwellings, now that the “digital twin” facilitate all actions of predictive maintenance as well as operations.

WIZZCAD supports the largest European refurbishment project in Vaulx-en-Velin

The refurbishment of 988 social housing units spread over the 9 buildings of Les Noirettes and Grands Bois residences in Vaulx-en-Velin is one of the largest in French and even European level. For a project at this range, there are numerous challenges: tight deadlines, multiple interventions at the same time on facades, roofs, joinery or electrical installations, and all the housings are occupied by inhabitants, in addition to a budget control. To comply with these constraints, the general contractor, in this case Citinéa, must have a digital tool powerful enough to support the entire project, from design stage to operations.

The WIZZCAD platform was then essential because it meets the specifications but also because it is the only one allowing to optimize the exchanges not only within the stakeholders but also their exchange with the inhabitants. The WIZZCAD solution thus makes it possible to optimize the different business processus, while maximizing productivity and improving tenants' satisfaction, an indispensable efficiency lever in a project of this kind.

The 988 social housing project, currently under refurbishment, will have a “digital twin” by the end of project. With WIZZCAD, the dwellings at Noirettes and Grands Bois become real smart buildings for the benefit of landlords as well as inhabitants.

From September 24 to 26, WIZZCAD will exhibit at Stand R46 at the H'Expo. WIZZCAD has been selected as one of the most innovative exhibitors and is participating in the 3rd edition of Parcours Focus Innovation.

ABOUT WIZZCAD

WIZZCAD supports construction stakeholders in their digital transformation by helping them build quality projects, safely, on time and on budget.

Continuous innovation and in-depth expertise in the construction industry have enabled WIZZCAD to become one of the leading players by offering the most complete SaaS solution on the market.

From design to operation, the WIZZCAD solution allows project data to be defined and linked so that companies can extract predictive forecasting. BIM (building information modelling) is a major strategic focus for WIZZCAD, which offers its solutions to meet the new uses and challenges of smart buildings.

More than a virtual representation of the infrastructure, WIZZCAD delivers an exact digital twin that will be leveraged in sync with the actual infrastructure.

WIZZCAD solutions have already been adopted by many customers, including Vinci, Bouygues Construction, Eiffage, Engie, Cegelec, Colas, GTM Batiment, and Gecina, on more than 10,000 projects in France and abroad.

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