

# CECI ENGINEERING CONSULTANTS

CECI is Taiwan's leading company for civil, architectural, structural and electrical/mechanical engineering projects.



"We are devoted to designing and creating a convenient environment for society, and the **3DEXPERIENCE** platform fits our needs."

— Lin Yew-Tsang, Chief Engineer, CECI

## Challenge

Civil engineering projects like highways or bridges are often large in scale and challenging to integrate into the existing landscape while protecting the environment. In addition, change requests from project owners often delayed the overall projects and CECI needed a solution to optimize the entire process.

## Solution

The company adopted the **3DEXPERIENCE**® platform to streamline its design and engineering processes and to virtually study and validate engineering projects to shorten completion time. The cross-discipline collaboration capabilities enable integrated workflows and real-time project management.

## Benefits

The **3DEXPERIENCE** platform helped automate processes in multiple disciplines, such as road work, bridges or railways, and eliminate repetitive manual operations, accelerating the design process. Multi-discipline collaboration improved overall quality and productivity, and virtual capabilities helped CECI animate and show stakeholders very early on the effects on the landscape.