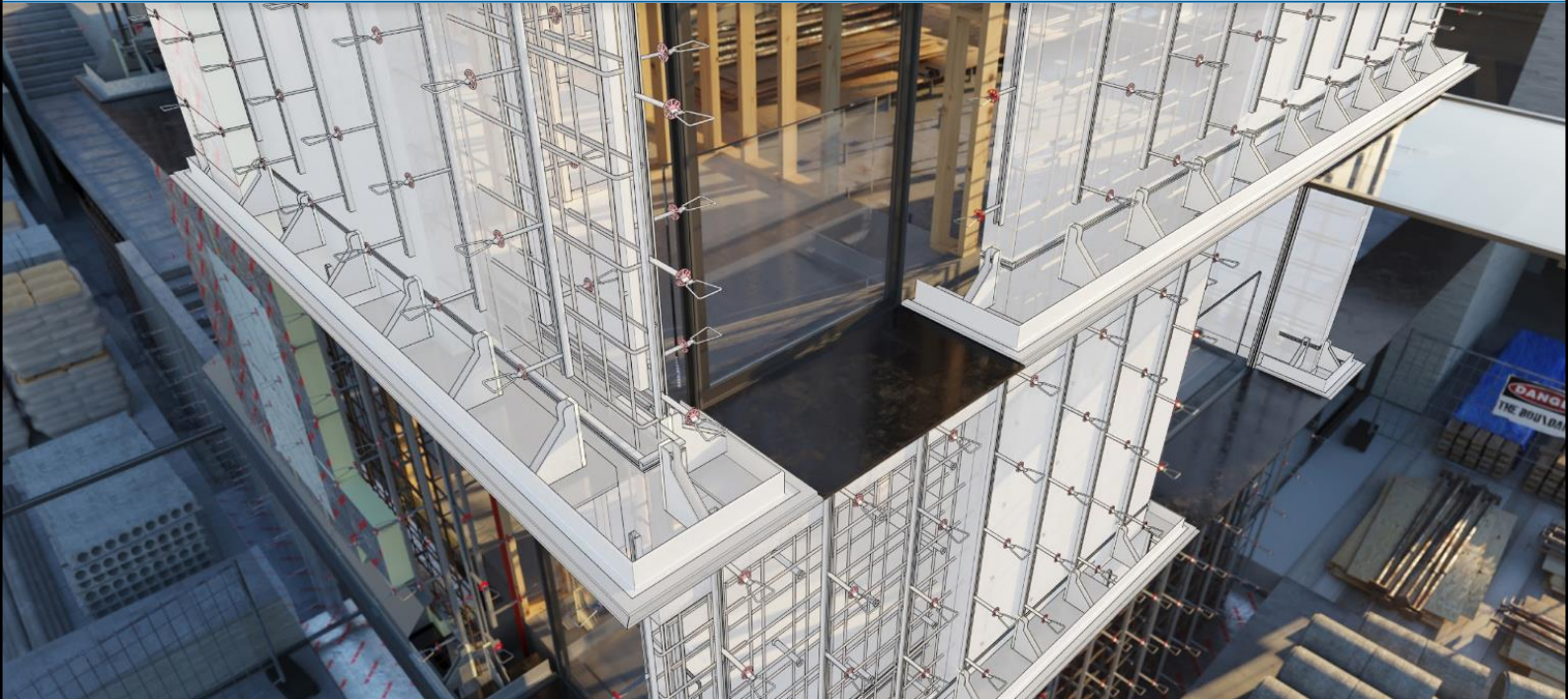


Create. Communicate. Collaborate.

With SketchUp you can capture and communicate your intent, collaborate with multidisciplinary teams, and deliver sophisticated projects efficiently.

<https://www.wordtext.com.ph/products/sketchup/>



Model for constructability.

Deliver constructible models using a connected, content-enabled workflow. You get all you need to deliver accurate 2D and 3D assets plus 4D animations for logistics and sequencing.



Model every detail

SketchUp combines ease and accuracy in an intuitive interface. Model projects quickly, from the most intricate logistics plan to the smallest detail.



Tell the whole story

Combine 2D and 3D details in LayOut for comprehensive construction documentation that clarifies your intent across your multidisciplinary teams.



Supercharge workflows

Extend SketchUp's capabilities with plug-ins for 3D logistics animations or quantity take-offs and more, enhancing, not hindering, your unique workflow.



BIM Ready

Data-enriched models make specification, estimation and reporting a breeze. Customize your reports with the attributes that matter to your project.



Visualize your process

Align your client, team and contractors around the same schedule and stay on track using easy-to-create, stunning 4D animations created in SketchUp.



Enter virtual reality

Visual projects deserve visual explanations. Blow clients away with immersive AR/VR by touring models at 1:1 scale, and get instant feedback.



LeCheng Energy

A father-daughter duo and their team transformed a previously failed industrial park plan into a highly-productive, multi-patented project.

Full case study [here](#).

Shenyang Urban Waste Industrial Recycling Park

Location: Shenyang, China

Project type: Recycling plant

Project area: 510,000m²

Estimated cost: \$244 million

Status: In progress



Shenyang Urban Waste Industrial Recycling Park

Designing a \$244 million multi-patented industrial park in one month

“

A similar project would usually require six to twelve months, however, we finished the design in a month doubling the factory's production-capacity because we used a single software, SketchUp, throughout our entire process.

Guo Rong

President of LeCheng Energy,

<https://www.wordtext.com.ph/products/sketchup/>

With SketchUp, all barriers are removed and it's now easier to collaborate across design and construction in a single platform... It's much more possible to embrace a BIM workflow with SketchUp.

Whenever there is something that a worker is unsure of, they'll simply whip out their phone to verify and go back to work. It's a paperless execution for the time and space management team as there's no need for 2D or paper drawings.

Guo Yanbing

General Manager of Energy Liaoning



Shenyang Urban Waste Industrial Recycling Park

Designing a \$244 million multi-patented industrial park in one month

“

As we designed the park in 3D, it was very easy for investors to understand the design concept and be confident of what we were trying to achieve... We managed to save over \$30 million from investments, which is 40% of the capital cost.

If we used traditional 2D CAD drawings, we'd have to wait until after the construction is completed to get demonstrative photos in order to apply for patents. With SketchUp, we could demonstrate the processes of the innovative methods with clarity just like a photo or video. LayOut drawings were supplemented as part of the requirements.

Guo Yanbing

General Manager, Energy Liaoning



WARUNYOO SONGKRAN

Specializing in the construction of Biogas plants, Mr Pom has also written 25 in-depth and free SketchUp books in Thai. He has a SketchUp training camp and owns Somtum Studio and Q Group for developing extensions.

Full case study [here](#).

<https://www.wordtext.com.ph/products/sketchup/>

Location: Thailand

Project type: Biogas plant

Status: Completed



WARUNYOO SONGKRAN (Mr. Pom)

Biogas Project Engineer | SketchUp Trainer

“

In the past, I had to use a calculator through my 2D drawings to create a BOM list. With SketchUp, that process is now obsolete.

I drew every single thing in the model, even a twenty-cent coin if I had to, because I wanted it to be precise and quickly estimate accurate pricing... and we won the project!

Having our own construction team use SketchUp dramatically improved our work processes; we could comfortably work on more projects simultaneously. Effectively engaging owners is pivotal to the success of projects, and sharing clear and timely information with them is critical. SketchUp is the best solution for real-world projects.

SketchUp is powerful and capable of delivering multi-million projects! One of the projects I worked on is still the deepest biogas digester in the world at 18m depth (earthen reactor), and it's entirely done with SketchUp.

Warunyoo Songkran | Founder