

# Company Profile 2025

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## Contact

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Subsidiary of  
PT. BRANTAS ENERGI

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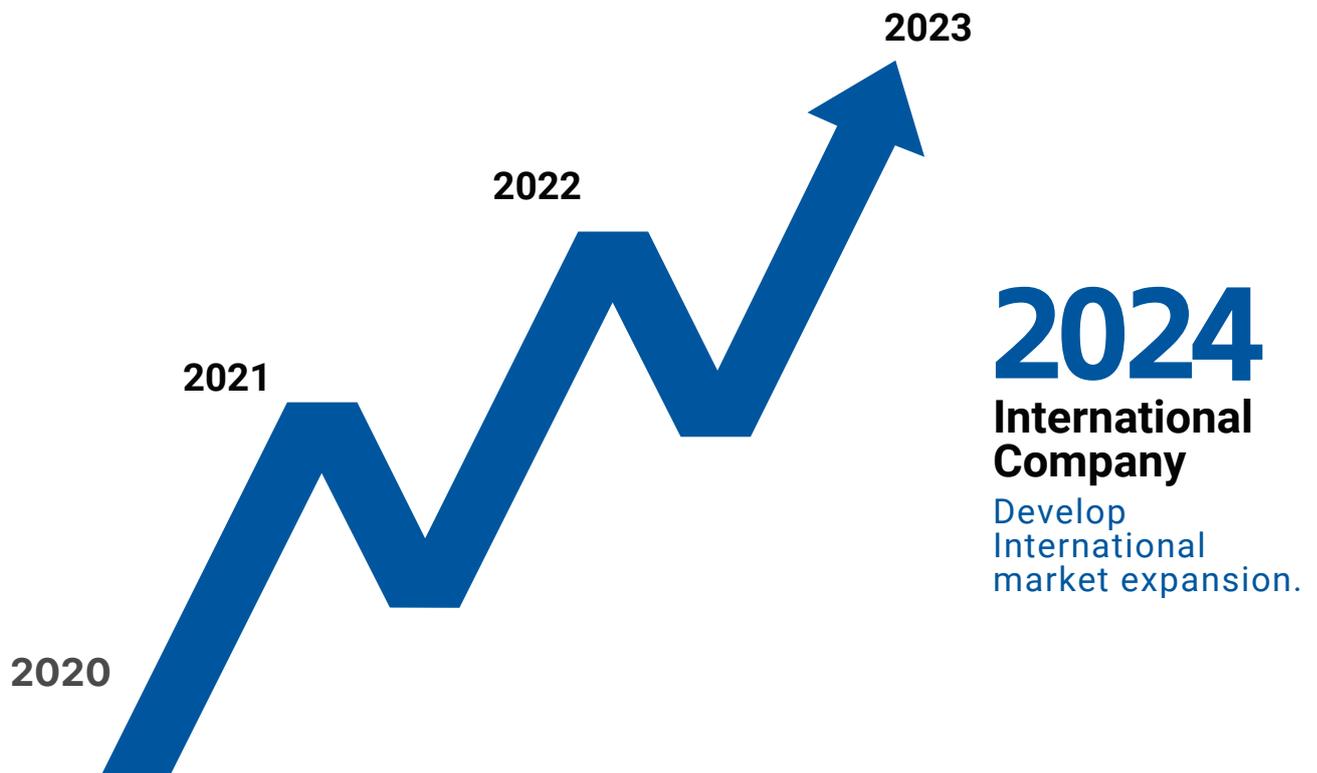
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# About Us

PT Buana Enjiniring Konsultan (BEK) was established in DKI Jakarta in 2015 and is engaged in the Engineering sector, which includes FS (Feasibility Study) and DED (Detail Engineering Design) services. In 2021, the company transformed and became engaged in digital engineering through Building Information Modeling (BIM) and Virtual Design Construction (VDC) services.



[WWW.PTBK.CO.ID](http://WWW.PTBK.CO.ID)

PT. BUANA ENJINIRING KONSULTAN

# Meet The Management



**WIDYO PRASENO**  
KOMISARIS UTAMA

“Leading the board with strategic vision and direction. With extensive experience in the construction industry, he brings deep insight to ensure the sustainability and growth of the company.”



**MARSAHALA NAPITULU**  
KOMISARIS INDEPENDEN

“Brings an independent perspective and usual thinking to the board. He has a track record in party management, ensuring that the company operates with high ethical and compliance standards.”



**AMINUDIN AZIS**  
DIREKTUR

"Leading strong BIM to the management team of PT. Buana Enjiniring Konsultan. He is responsible for project implementation and ensuring resource management to achieve success and customer satisfaction."

# Vision & Mission

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## Vision

Becoming a leading consultant in the digital transformation of the construction industry

## Mission

- Providing the best engineering products through the utilization of BIM & VDC
- Delivering modern, solution-oriented, and innovative engineering consulting services
- Conducting continuous Research and Development to produce innovative and high-quality products
- Developing and nurturing talented human resources with a digital mindset
- Building business collaborations that create added value for stakeholders



# OUR JOURNEY



## Milestone



### 2024

In 2024, alliances and positions in the national market will be strengthened. In 2025, enter the international market.

### 2022 - 2023

In 2022, PT. Buana Enjiniring Konsultan began to be trusted to handle strategic government projects with its latest technology. PT Buana Enjiniring Konsultan completed more than dozens of projects in 2023 Using the latest and continuously updated digital system.

### 2021

In 2021, PT Buana Enjiniring Konsultan began to transform and explore the world of technology, namely Building Information Modeling.

### 2015

PT Buana Enjiniring Konsultan (BEK) was established in DKI Jakarta in 2015 and operates in the Engineering sector, which includes FS (Feasibility Study) and DED (Detail Engineering Design) services, especially for water and renewable energy buildings.



# Our Main Services

PT. Buana Enjiniring Konsultan has four main businesses which are run by various reliable professionals in the construction sector and always prioritize the use of technology.

## 01

### Digital Engineering

PT. BEK provides engineering services designed to turn your project vision into reality. With deep experience in designing water structures, buildings, and infrastructure such as bridges and highways, we provide comprehensive and integrated technical solutions through a digital platform.

## 02

### Digital Supervision

Digital Supervision is a construction supervision and management solution that combines professional expertise with digital technology to ensure your projects are completed on time, on budget, and of high quality.

## 03

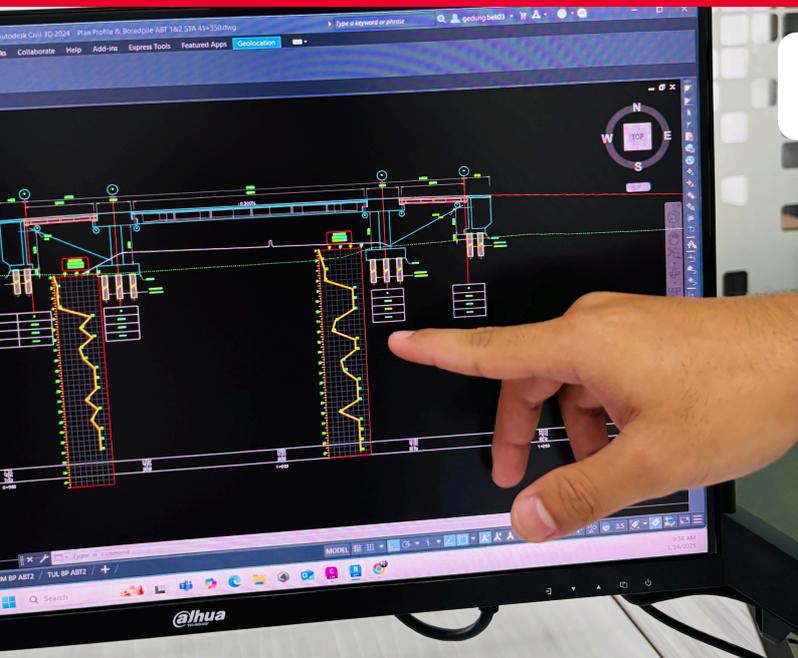
### BIM Services

Providing Comprehensive BIM Consulting Services, from Planning to Implementation, to Realize Projects with the Best Efficiency and Quality

“We uphold values that drive every project: collaboration for synergy, efficiency in resource use, innovation to turn challenges into opportunities, and integration for comprehensive solutions.”

# Digital Engineering

PT. BEK provides engineering services designed to turn your project vision into reality. With deep experience in designing water structures, buildings, and infrastructure such as bridges and highways, we provide comprehensive and integrated technical solutions through a digital platform. Our digital technology ensures that every step, from planning to project supervision, is carried out precisely and efficiently. Whether your project involves architecture, structure, hydrology, geotechnics, or renewable energy, our certified experts are ready to provide the best solution that suits your needs at PT. BEK, we understand that every project is unique, and we are dedicated to delivering results that meet and exceed your expectations.



## Benefits

- Certified Experts
- Comprehensive Project Approach
- Use of Digital Platforms
- Extensive Experience
- Custom Solutions

# Digital Supervision

Imagine a construction project that runs smoothly, on time, and budget. Digital Supervision is here to make this dream a reality. With a team of reliable professionals, we oversee every detail of your project, working closely with clients, contractors, and other stakeholders. We manage all the essential aspects, from planning and budgeting to scheduling and risk management. Our technical support covers compliance with engineering, architecture, and construction standards, ensuring your project runs smoothly and complies with the latest regulations. Leveraging digital construction management, we ensure that all documents are well organized and that contracts and procurement are managed efficiently. With Digital Supervision, you can focus on the big vision of your project while we handle the details.



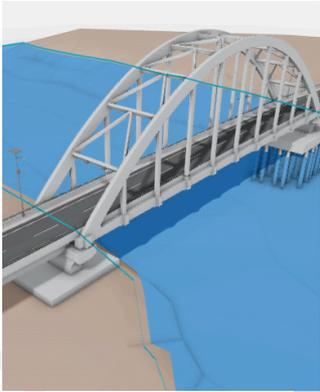
## Benefits

- Professional Supervision
- Efficient Management
- Technical Support
- Document Control
- Digital Integration



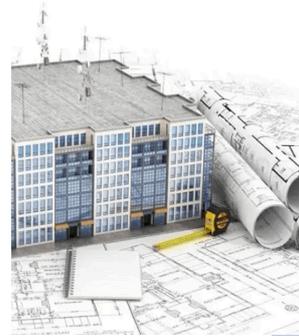
# BIM SERVICES

We provide BIM consulting for construction businesses, optimizing design, problem detection and coordination between stakeholders with the latest technology.



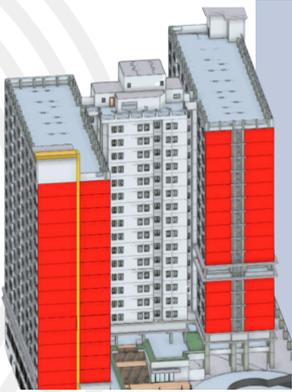
## BIM Consultant

Increase the productivity of your construction business with BIM consulting services from a team of ISO 19650 certified experts.



## 4D & 5D BIM

Optimize projects with BIM 4D (schedule) and 5D (cost & progress).



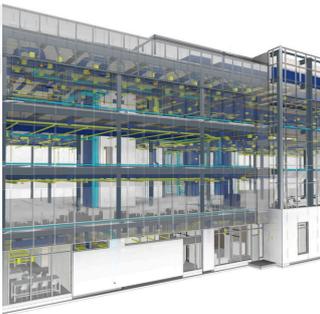
## 3D Modelling

Our 3D BIM services provide visualization and precision modeling for a variety of projects.



## Lidar & Fotogrametri

LiDAR and Photogrammetry are accurate 3D mapping technologies for precision and volume calculations in BIM.



## Virtual Design Construction

VDC is a collaborative solution with 3D models for planning projects before construction.



## BIM Training

Increase construction productivity with BIM services and ISO 19650 certified training.



## Augmented Reality

AR enables real-time interaction with digital models, increasing project accuracy and efficiency.



## Dashboard Project

Projects Dashboard makes it easy to monitor and evaluate project success efficiently.

## BIM Services

# BIM Consultant

Increase the productivity and competitiveness of your construction business with BIM Consultant consulting services. With a team of experts who have been certified according to ISO 19650 standards, we are ready to help implement Building Information Modeling (BIM) in your company

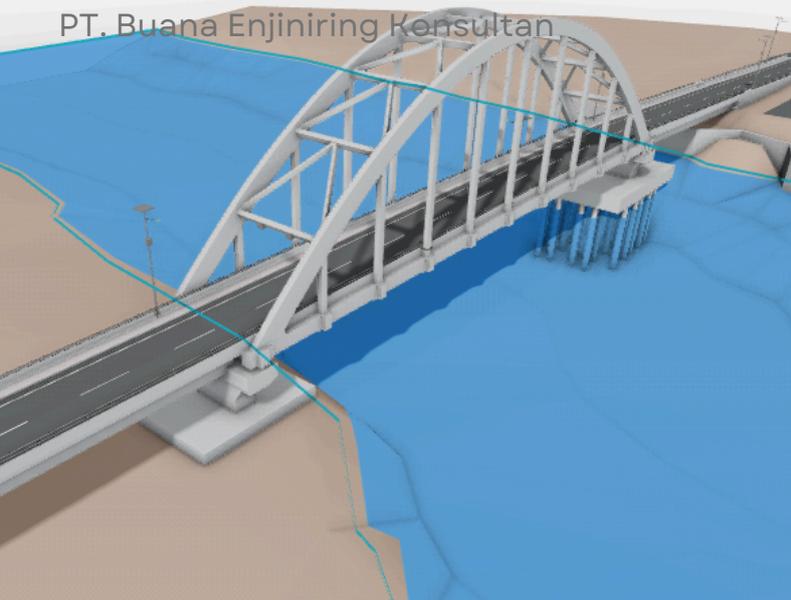
Boost your construction business with expert BIM consulting services. Our certified team, compliant with ISO 19650 standards, ensures a smooth implementation of Building Information Modeling (BIM) in your company. Enhance project workflows, improve efficiency, and stay competitive in the evolving construction landscape.



## Benefits

- Implement BIM Practices Effectively with Expert Assistance
- Ensure Compliance with ISO 19650 Standards
- Streamline Project Coordination with Tailored BIM Solutions
- Receive Scalable Consulting Services for Any Business Size
- Boost Your Competitive Edge with Advanced BIM Strategies

PT. Buana Enjiniring Konsultan



# BIM Services

## 4D & 5D BIM

Increase the productivity and competitiveness of your construction business with BIM Consultant consulting services. With a team of experts who have been certified according to ISO 19650 standards, we are ready to help implement Building Information Modeling (BIM) in your company.

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Enhance your construction planning and execution with 4D and 5D BIM solutions. Our certified experts, compliant with ISO 19650 standards, help integrate time and cost dimensions into your Building Information Modeling (BIM) processes. Achieve greater accuracy, efficiency, and control over your projects, from scheduling to budgeting.



### Benefits

- Visualize Project Timelines with 4D BIM Scheduling
- Improve Cost Management with 5D BIM Estimation
- Streamline Planning and Execution for Complex Projects
- Enhance Collaboration Across Project Stakeholders
- Reduce Risks and Optimize Resource Utilization
- Achieve Compliance and Quality with ISO 19650 Standards

## 3D Modelling

3D modeling is the basis of BIM for visualization and collision detection. We provide modeling solutions with LOD 300 to LOD 500 for buildings, infrastructure, bridges, dams and landscapes.



3D modeling serves as the foundation of BIM, enabling detailed visualization and precise clash detection. We offer comprehensive 3D modeling solutions with Levels of Detail (LOD) ranging from 300 to 500, covering buildings, infrastructure, bridges, dams, and landscapes. Our models ensure accuracy and reliability to support seamless project execution.



### Benefits

- Accurate Visualization for Better Decision-Making
- Clash Detection to Minimize Construction Errors
- Flexible Levels of Detail (LOD 300 to LOD 500)
- Wide Range of Applications Across Project Types
- Improved Collaboration Across Teams
- Support for Complex and Large-Scale Projects

# LiDar & Fotogrametri

LiDAR and Photogrammetry are accurate 3D mapping technologies that use aerial photography data and laser light to produce detailed visuals of the earth's surface. Both methods are essential in BIM for high-precision modeling, contouring, and cut-and-fill volume calculations.

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Photogrammetry is a geo-information technology that utilizes geo-spatial data from aerial photography to produce 3-dimensional images of the earth's surface or the condition of a region's footprint. By recording, observing, and measuring and interpreting photographic images or recordings of electromagnetic wave images, photogrammetry is able to describe the surrounding conditions accurately and in detail.



## Benefits

- High level of accuracy and precision in the data generated.
- High accuracy contour and DTM creation.
- Accurate calculation of cut and fill volumes.
- 3D modeling of Point Cloud that matches real conditions in the field.
- Detailed scans of existing conditions, such as interior elements and vegetation, to provide more accurate measurements.

# Virtual Design Construction

Optimize your construction projects with VDC that brings together all professionals in one virtual environment.

Virtual Design Construction (VDC) is an innovative solution that enables collaboration between architects, designers, engineers and other construction professionals on a single virtual platform. Using advanced software, VDC delivers accurate and detailed 3D models, allowing you to visualize and plan every step of your project before construction begins.



## Benefits

- Bringing the entire team together on one platform, minimizing confusion and errors.
- Detect potential problems early to reduce project risks.
- Reduce inefficiencies and costs with more optimized workflows.
- Ensure every stage of the project runs smoothly and faster.

## BIM Services

# BIM Training

Boost the productivity and competitiveness of your construction business with our BIM Services. Our certified team, compliant with ISO 19650 standards, offers comprehensive BIM training, ranging from basic to expert levels. We are here to help your company fully adopt and master Building Information Modeling (BIM) practices.

Master Building Information Modeling (BIM) with our tailored training programs. Led by certified experts and compliant with ISO 19650 standards, we offer courses for all skill levels, helping your team implement efficient BIM workflows. With practical, hands-on learning, we ensure your business stays competitive and ready for the future of construction.



PT. Buana Enjiniring Konsultan



## Benefits

- Improve Operational Efficiency Through Structured BIM Training
- Enhance Collaboration Across Multidisciplinary Teams
- Stay Ahead with ISO 19650-Compliant Practices
- Tailored Training for All Skill Levels
- Minimize Errors and Optimize Construction Costs

# Augmented Reality

Augmented Reality (AR) allows construction teams to interact with digital models of buildings in real-time, combining 2D or 3D objects with the real environment, making projects more accurate and efficient.

Transform your construction workflows with Augmented Reality (AR). By blending digital 2D and 3D models with real-world environments, AR enhances visualization, streamlines project execution, and ensures unmatched precision in every stage of construction.



## Benefits

- Revolutionize Construction Visualization with AR Integration
- Increase Accuracy by Bridging Digital and Physical Worlds
- Faster On-Site Decision-Making with Real-Time AR Insights
- Save Costs Through Efficient Project Execution
- Strengthen Team Collaboration with Shared AR Views



# BIM Services

# Dashboard Project

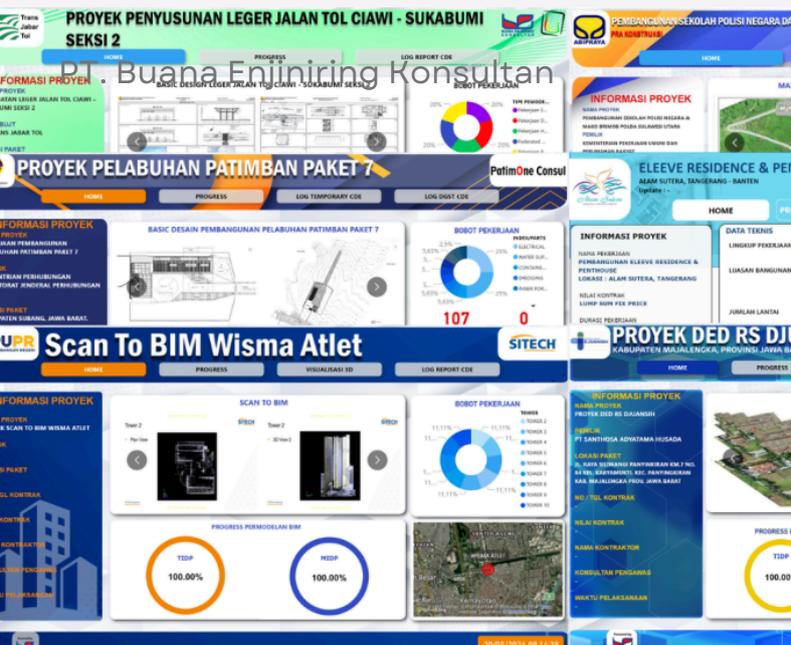
In project management, monitoring and evaluating work is the key to success. Dashboard Projects is here as a solution that makes it easy for you to assess project success in an effective and efficient way.

Simplify project management with Dashboard Project. Designed to monitor and evaluate work seamlessly, our solution provides real-time insights into project performance. Track progress, identify bottlenecks, and ensure success with an effective and efficient approach to project assessment.



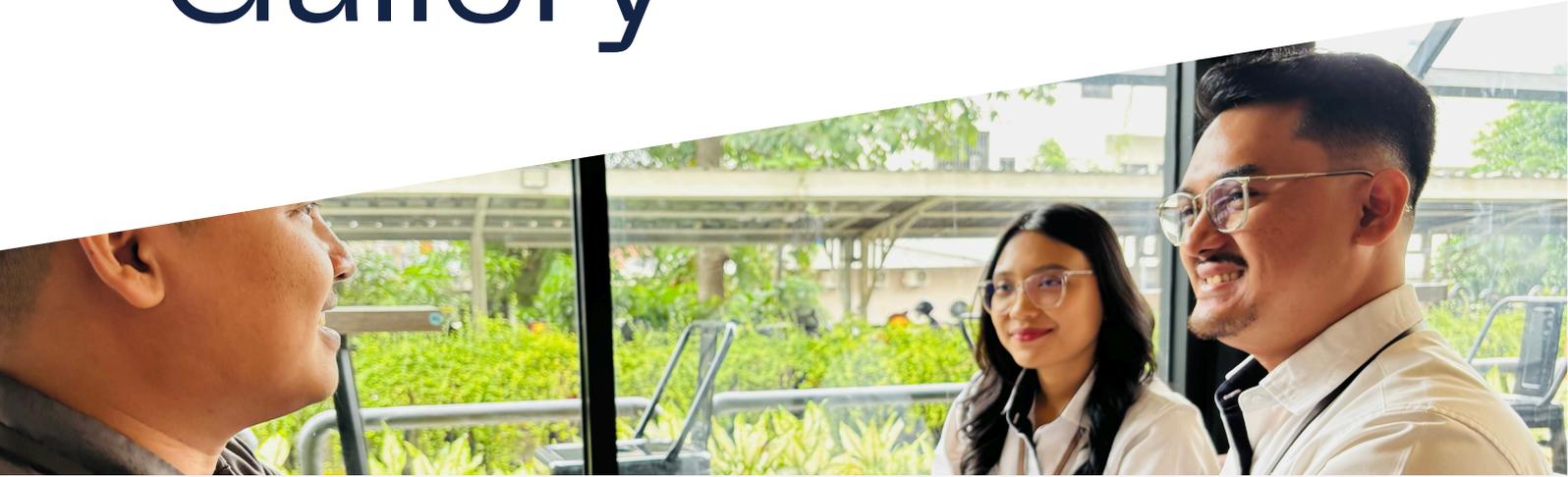
## Benefits

- Monitor Project Progress in Real Time with Centralized Dashboards
- Streamline Workflow and Boost Team Productivity
- Improve Communication with a Shared Project Overview
- Analyze Performance Metrics to Evaluate Project Success
- Customize Dashboards to Suit Your Specific Needs





# OUR Time Gallery



**your solution shine**



# Our Clients



CONSTRUCTION & INVESTMENT



# Work with us !

***Trusted Partner in  
Engineering with  
Integrated BIM Solutions***

## **HEADQUARTER**

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