

BIMLABS Studio Private Limited.

BUSINESS PORTFOLIO

www.Bimstudio.net | www.Bimlabsglobal.com | India | U.A.E

Collaboration for Innovation





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Who we are

BIMLABS Studio Private Limited, a division of **BIMLABS Global**, specializes in providing comprehensive BIM consulting and modeling services.

We focus on detailed strategic BIM implementations for AEC consultants, contractors, property owners, and facility operators. Our mission is to uncover the potential of BIM and build a compelling business case for improved lifecycle management and operations. Since our inception in **2020 in Kazhakkootam, Thiruvananthapuram**, our success has been rooted in delivering exceptional service and leveraging the latest research and innovations.

We aim to add value by deeply understanding our clients' businesses and exceeding their expectations. By establishing a structured project framework, BIMLABS Studio ensures the highest quality outcomes for organizations seeking to embrace digital transformation.



BIMLABS Global

- BIMLABS Engineering Services Pvt. Limited, India
- BIMLABS Studio Private Limited, India
- BIMLABS Project Management Services, UAE
- www.Bimlabsglobal.com
- www.Bimstudio.net



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Mission

Enable the AEC industry to optimize resources, reduce costs, and enhance quality through innovative technology by:

- Advancing sustainable and efficient design practices.
- Supporting collaborative preconstruction planning.
- Streamlining the construction process for greater agility.
- Providing dependable facility management solutions.



Vision

Guiding the global AEC industry towards certainty and efficiency using advanced technology.



Our Values



Integrity: Upholding honesty, ethics, and transparency to build trust.



Accountability: Taking responsibility for actions and commitments for the best outcomes.



Continual Learning: Fostering ongoing education and skill development.



Servant Leadership: Leading with empathy and support, prioritizing others' needs and growth.



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BIMLABS Studio Locations



We are located at the nexus of technology and creativity, nestled in the vibrant **Techno Park Phase 4, Kabani Building, Thiruvananthapuram India.**



Our second office is in **Kadavanthra, Ernakulam**, the business capital of Kerala.



Our Dubai office in Mamzar Center serves as a strategic hub for clients across the Middle East and beyond.



Service Lines



BIM/CAD Project Consultancy



BIM/CAD Resource Outsourcing



BIM/CAD Implementation



BIM/CAD Corporate Training

25+
Team

40+
Projects

7+
years Exp.

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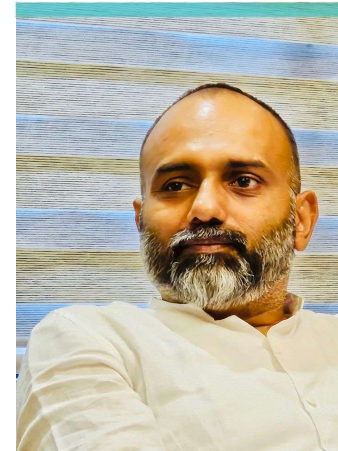
BIMLABS Studio Operation Structure



BIMLABS Studio Management



Shiju Sasidharan
Director



Vipin Alazhath
Director



Nishad S
CTO & Head Of Operations



BIMLABS Global Research Institute

Fueling BIM excellence: the engine of BIMLABS global

BIMLABS global research institute plays a critical role in propelling BIMLABS Global's vision to become a leading provider of sustainable solutions for the AECO (architecture, engineering, construction, and operation) industry worldwide. It serves as the driving force behind all BIMLABS business units, ensuring the seamless execution of systems towards achieving operational excellence.



Project Management Team



Estimation and Bidding



Project Administration



Quality Control

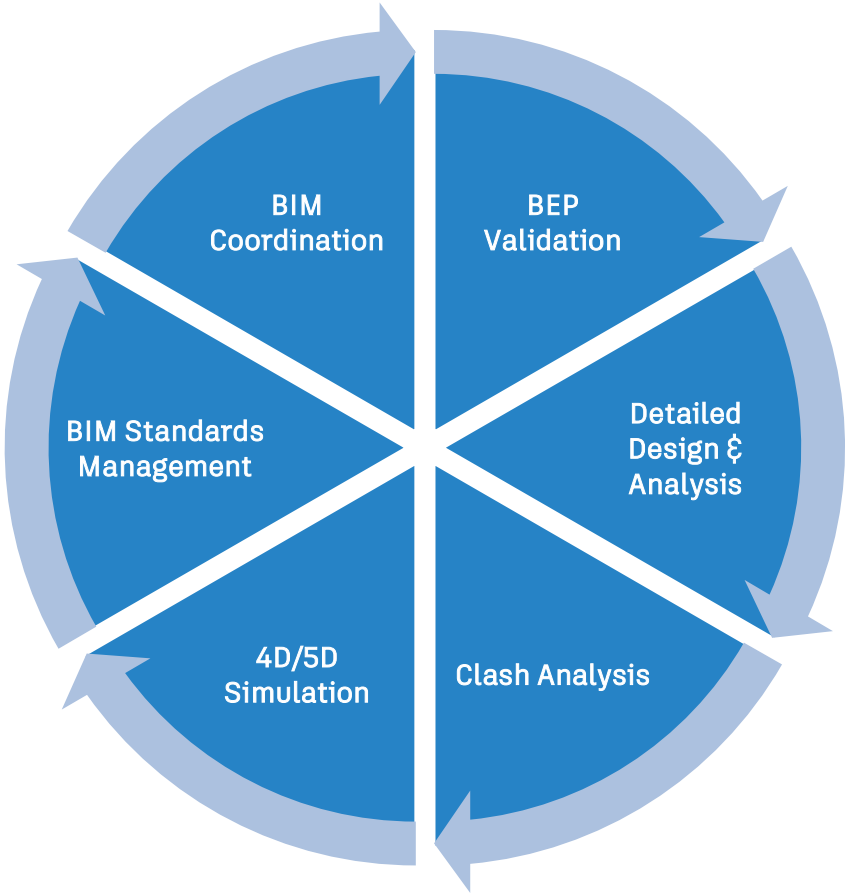


Project Evaluation



Client Management





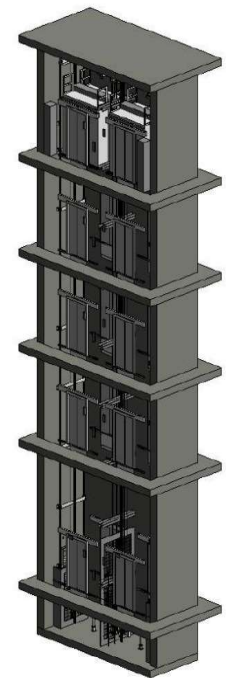
BIM/CAD Documentation

BIM Family Creation

Shop drawing preparation

As-Built Drawing Preparation

BIM Content Library Creation





BIMLABS BIM Team

9

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NISHAD S
BIM MANAGER

HT

HARIN KUMAR K T
BIM LEAD - ARCH

IS

IJAZ K S
BIM LEAD - STRUC

S

SURAJ
BIM LEAD - INFRA

VT

VISHNU T
BIM LEAD- MECH

JP

JISHNU K P
BIM LEAD - ELEC

E

ELBIN
SENIOR BIM MODELER

R

REVATHY
SENIOR BIM MODELER

A

AJANYA
SENIOR BIM MODELER

V

VINEESH
SENIOR BIM MODELER

PP

PREM PRAKASH
SENIOR BIM MODELER

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NAHLA
BIM MODELER

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SREELEKSHMI
BIM MODELER

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SEENA
BIM MODELER

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ANIL
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ANANDHU
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NIKHIL
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ADWAITH
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GOWRI
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JESWIN
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ADNAN
BIM MODELER

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DRISHYA
JUNIOR BIM MODELER

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JYOTHISH
JUNIOR BIM MODELER

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FATHIMA
JUNIOR BIM MODELER

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ADHIL MUHAMMED
JUNIOR BIM MODELER

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SWADHIK
JUNIOR BIM MODELER

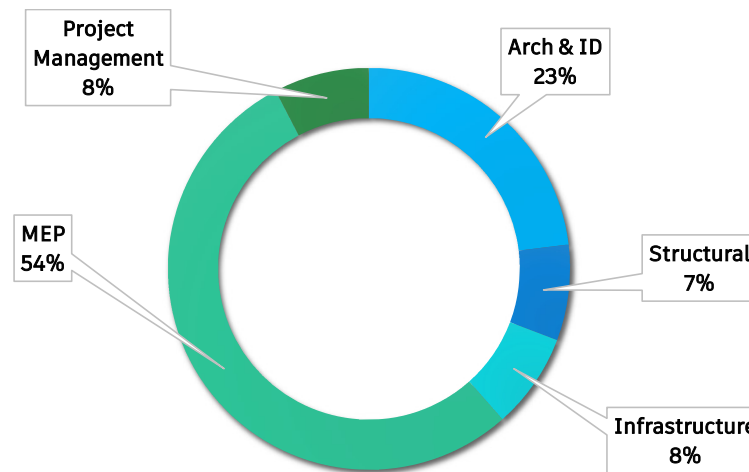
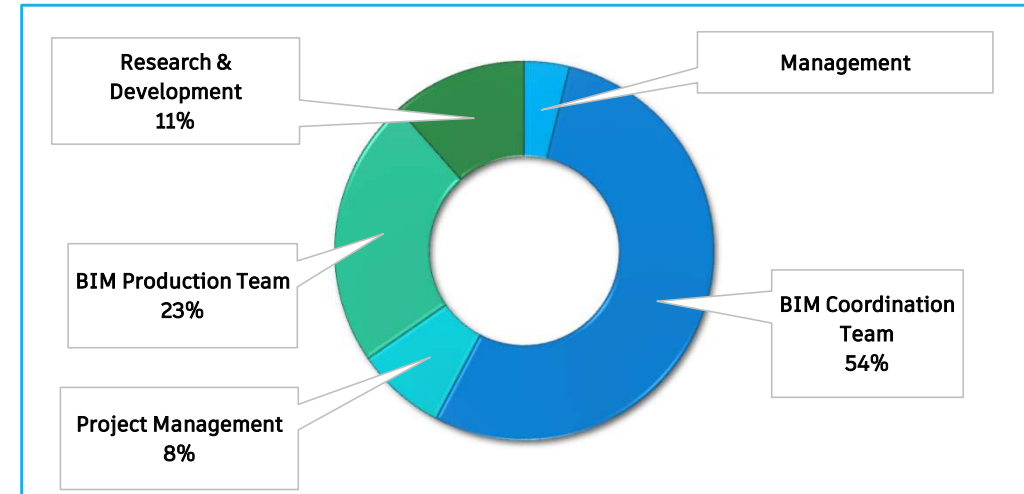
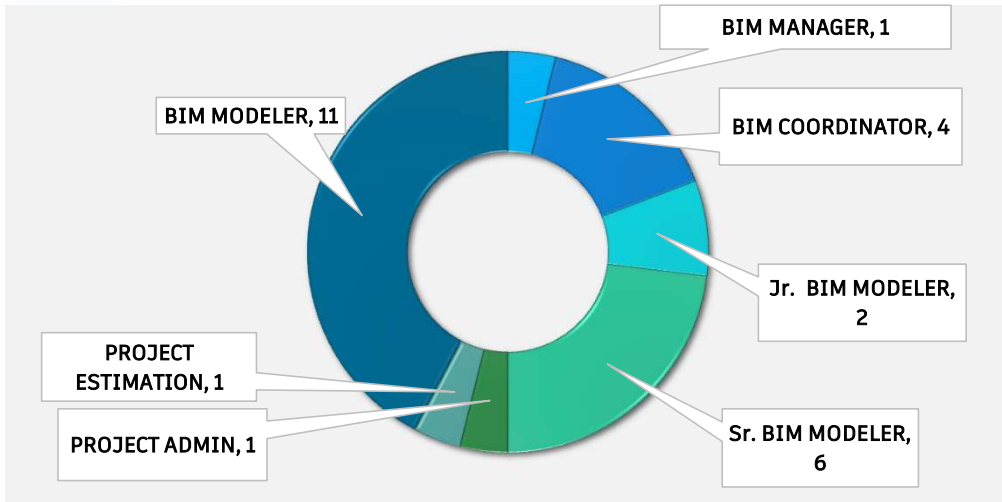
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Our Team Structure

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BIM Outsourcing Services

BIMLABS Studio provides comprehensive BIM services, empowering clients to maintain full control over their construction projects. Our skilled BIM engineers utilize 3D, 4D, 5D, 6D, and 7D BIM to enhance project coordination, collaboration, construction management, asset management, risk mitigation, logistic planning, and cost estimation. We adopt a structured approach to deliver BIM consulting, engineering, modeling, and facilities management services.



Pre- Bid Estimation

BIMLABS Studio's pre-bid estimation services help contractors win bids with accurate, industry-standard estimates. Our digital estimation tools enable quick estimates and allow for the customization of labor and material rates to meet specific requirements.



3D Modeling

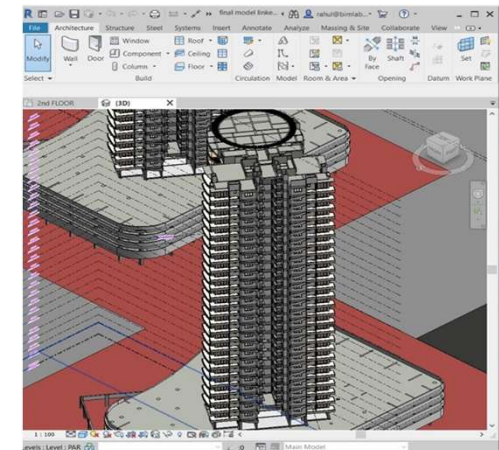
We generate coordinated models using 3D BIM services, enabling clients to identify potential interferences among all building systems. Our 3D BIM models help construction companies visualize schematic structures before construction, resulting in improved project planning for our clients.



BIM Services for Design Consultants

BIMLABS Studio collaborates closely with design consultants and engineers to plan BIM integration and transform design data into BIM models and documents, from conceptual design to tender documentation. We provide comprehensive assistance to prepare BIM models up to LOD 350 and IFC documents across various disciplines in infrastructure development projects, including:

- Architectural Design and Visualization
- Structural Engineering and Design
- MEP Building Services Design
- Infrastructure Design
- Interior Design
- Vertical Transportation
- ELV Systems and Services



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BIM Outsourcing Services



Visualization Services

BIMLABS Studio provides high-end visualization services, delivering high-quality rendered images and videos to represent various construction stages. Our services cover the exterior and interior of buildings, construction sites, infrastructure projects, industrial plants, and more.



Energy Optimization

BIMLABS Studio offers building energy optimization services to help you transition to low-carbon and renewable energy sources, enhancing energy efficiency. From energy system integration to detailed energy infrastructure design, we assist clients in identifying the best path to sustainability.



Constructability Review

We develop BIM models based on the client's RFI responses, document the status in a log, and regularly follow up to resolve all constructability issues during the pre-construction stage. This constructability review prevents work stoppages, eliminates rework, and reduces material waste before construction begins.



BIM Services for Contractors and Subcontractors

BIMLABS Studio provides comprehensive BIM services to contractors and subcontractors, integrating BIM and digital construction practices into daily procedures and managing communication with design consultants and PMCs. We work from IFC models or from scratch to transform projects into BIM-enabled ones, executing through the following stages:

- LOD 400 Modeling
- Shop Drawing Preparation
- 4D/5D Planning and Simulation
- Coordination Meeting Management
- On-site BIM Coordination
- As-built Data Integration
- As-built Modeling and Documentation
- COBie Integration
- Project Submission and Handover

Our team has extensive experience managing BIM coordination for live construction projects across various disciplines, including:

- Architectural & Interior Design Contractors
- Structural Contractors
- MEP Contracting Services
- Infrastructure Contractors
- ELV Systems, - Other Support Contractors in AEC Projects



BIM Outsourcing Services



Clash Coordination

Our BIM Clash Coordination Services identify conflicts between trades in the preconstruction phase. We generate virtual 3D BIM coordination Models and drawings to guarantee the model achieves full coordination and is free of clashes.



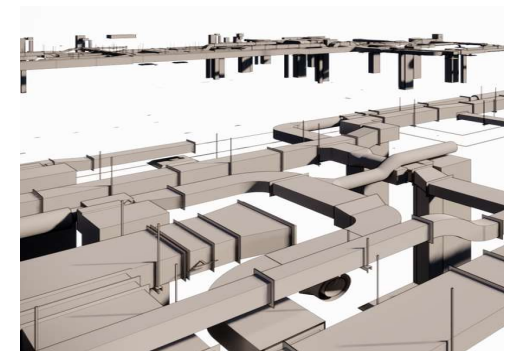
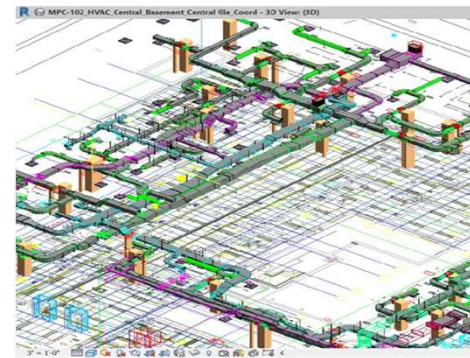
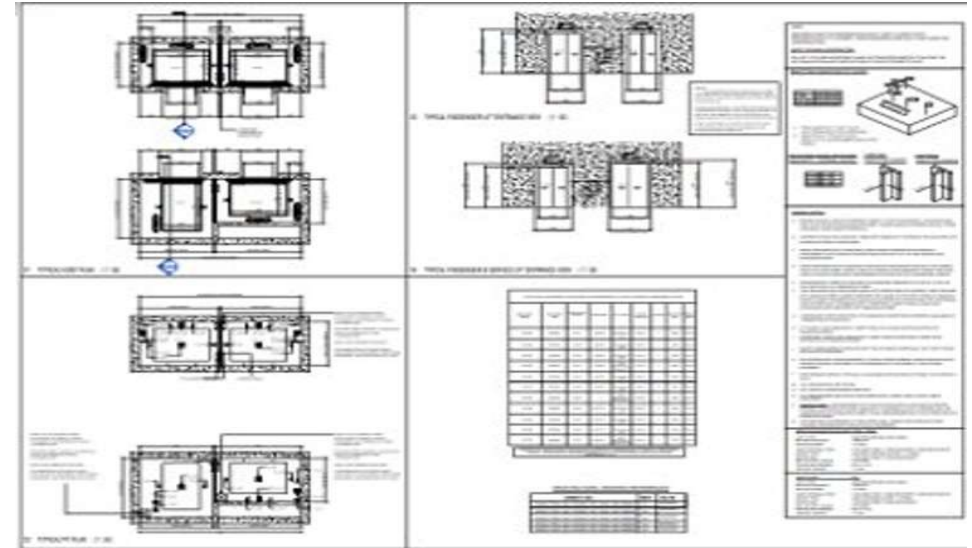
Construction Documentation

Construction documents serve as the foundation for workshop fabrication and on-site installation, ensuring clear understanding among all stakeholders of project requirements to achieve successful outcomes through collaborative efforts.



Design Prefabrication/ Spool Drawings

We produce spool drawings and maps according to client specifications. These segmented spools include detailed information to streamline prefabrication, enabling quick assembly and installation at the site.





BIM Outsourcing Services



Quantity Take-Off

We produce precise Quantity Takeoffs from fully-coordinated 3D models, automatically updating them to reflect any model changes. Detailed equipment and fixture information is compiled into tables to assist contractors in estimating project costs and planning material procurement.



Scan to BIM

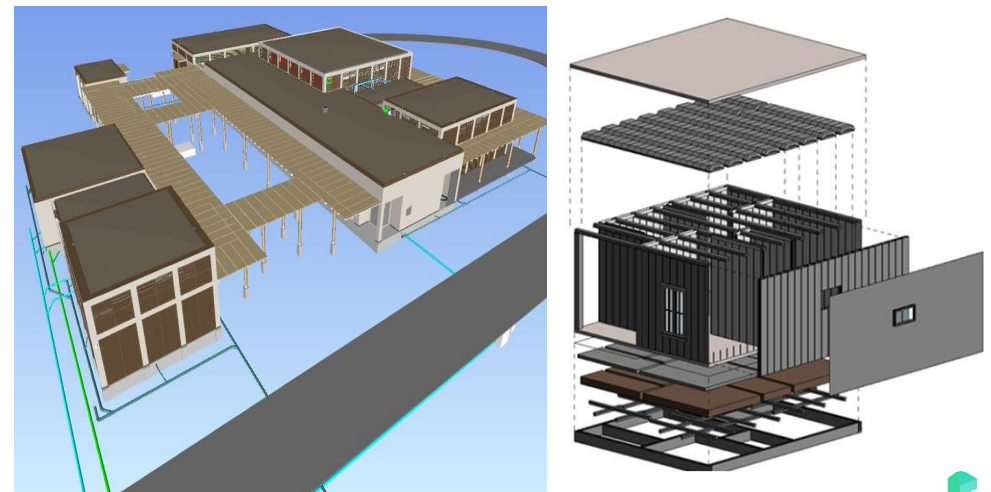
Our Scan to BIM Service team utilizes point cloud data from 3D scanning to create precise "as-built" drawings, capturing detailed information about elements in their physical space. This data supports accurate modeling, coordination, and quantity take-offs. In addition to meeting as-built requirements, the Scan to BIM process aids in building renovations, additional construction, and reverse engineering.



4D/5D Construction Simulation & Marketing Presentation

Our 4D/5D Construction Simulation services offer a phased visualization of project timelines, aiding in accurate planning for daily material, labor, and machinery needs.

Furthermore, we create engaging BIM marketing presentations for clients to secure competitive bids. These presentations include 3D walkthroughs and rendered images, providing a realistic depiction of both exterior and interior construction spaces aligned with the contractor's method statement.



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CAD Outsourcing Services



Shop Drawing Services

Our CAD shop drawing services provide detailed and precise drawings for fabrication and installation. We ensure that all components are accurately depicted, facilitating seamless communication between design and construction teams, minimizing errors, and streamlining the construction process.



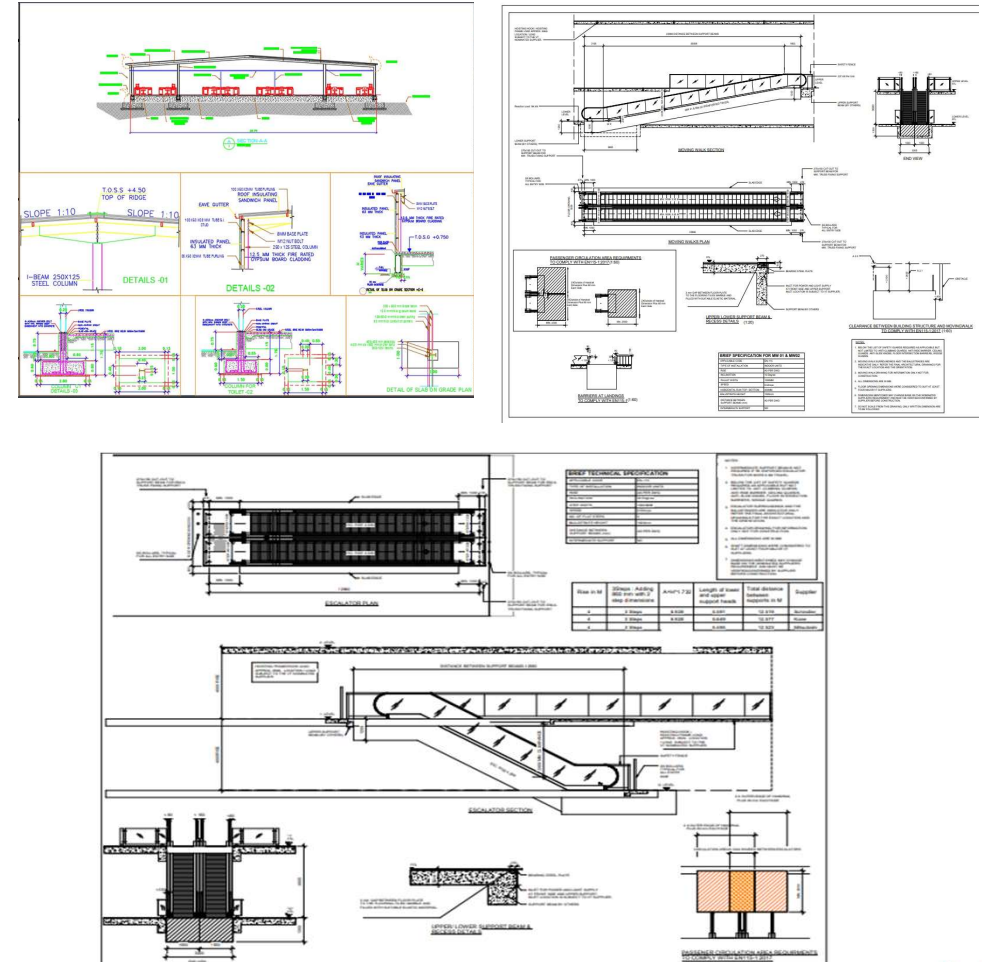
As-Built Services

Our CAD as-built services deliver precise documentation of existing conditions by updating original design drawings to reflect any modifications made during construction. This ensures accurate records for future maintenance, renovations, or expansions. Also, we offer PDF to CAD, Indexing and Renaming, Bulk Drawing Conversion etc.



CAD Approval Drawings

Our CAD approval drawing services produce detailed and accurate drawings required for project approvals from respective authorities. These drawings ensure compliance with all regulatory standards and project specifications, facilitating smooth review and approval processes by relevant authorities.





BIM Consulting Services



BIM Strategy Plan

Our BIM Strategy Plan services enable clients to adopt the latest BIM processes, elevating their workflows to new technological heights. Clients benefit from comprehensive BIM integration, including training and advisory services, ensuring seamless implementation and enhanced efficiency.



BIM Execution Plan

Utilizing advanced software tools, BIMLABS Studio develops detailed BIM Execution Plans for our clients, transforming their business processes to enhance collaboration and minimize communication delays. We identify inefficiencies by reviewing current workflows and implement tailored BIM methodologies to streamline operations.



BIM Training

Organizations transitioning to BIM to replace their current workflows need specialized training tailored to their specific industry and work processes. We offer comprehensive training to enable our clients to fully harness the benefits of BIM and maximize project outcomes. Our consulting services cater perfectly to General Contractors, Owners, Architects, and Engineers alike.



BIM Implementation

The transition from traditional processes to BIM-integrated workflows begins with a structured BIM implementation plan. This plan outlines the processes, strategies, and workflows required to integrate BIM into projects. The stages of BIM implementation typically include:

- Audit
- Setting Goals
- Definition of Strategy and Processes
- Budget Planning
- Training and Education
- Monitoring

Each stage is crucial for ensuring a successful adoption of BIM and optimizing project outcomes.



BIM Template and Content Creation

Our BIM experts possess extensive experience in converting products and systems into parametric BIM objects using Revit. Through content creation, we ensure these products are readily accessible to designers.



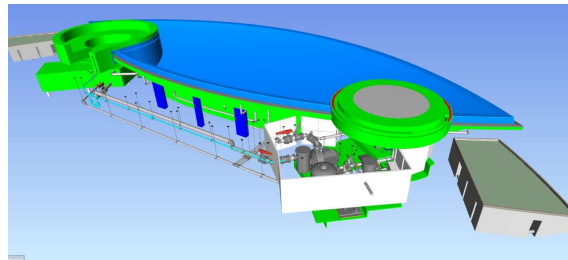
Project Portfolio



Pure Data Center- Abu Dhabi



H10 BON OSM Pools And Water Features



**Amazon Data Center
Mumbai India**



**Aman Hegra Resort,
Saudi Arabia**



Aman Hegra Staff Accommodation



Amaala Staff Village



Samhan Heritage Hotel



The Grove Abu Dhabi





Project Portfolio



Diriyah Gate Development Authority



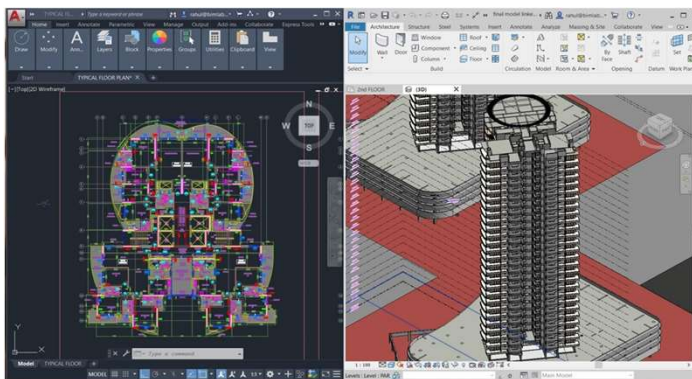
Shura Island Hotels, Saudi Arabia



Misk Forum Peninsula Offices, Saudi Arabia



Tritvam Residential Tower, India



Al-Aweer -Warsan Energy Plant



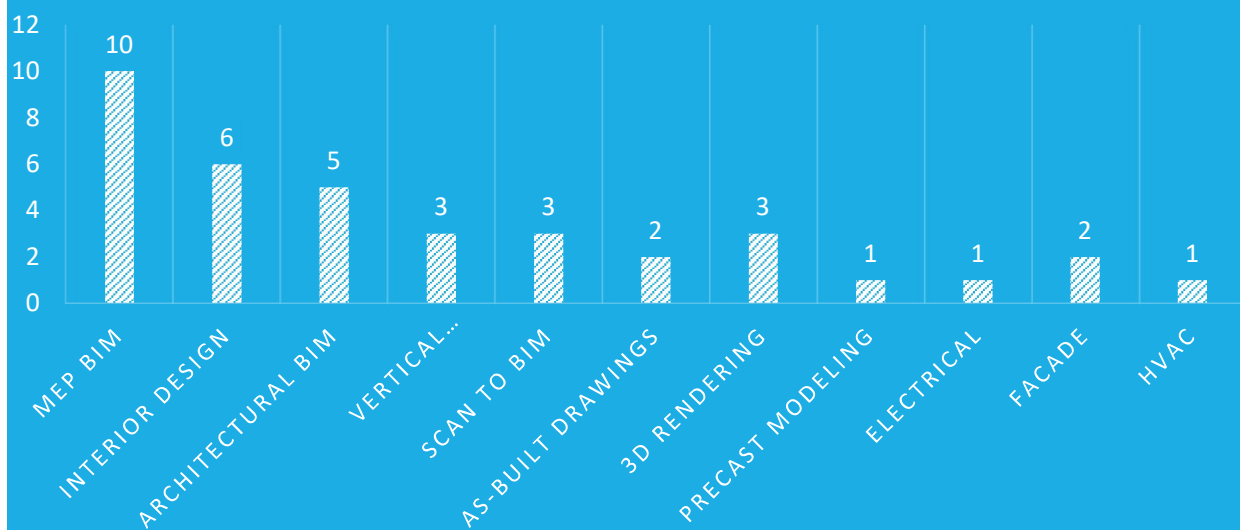
Al Jawhara Mall, Saudi Arabia



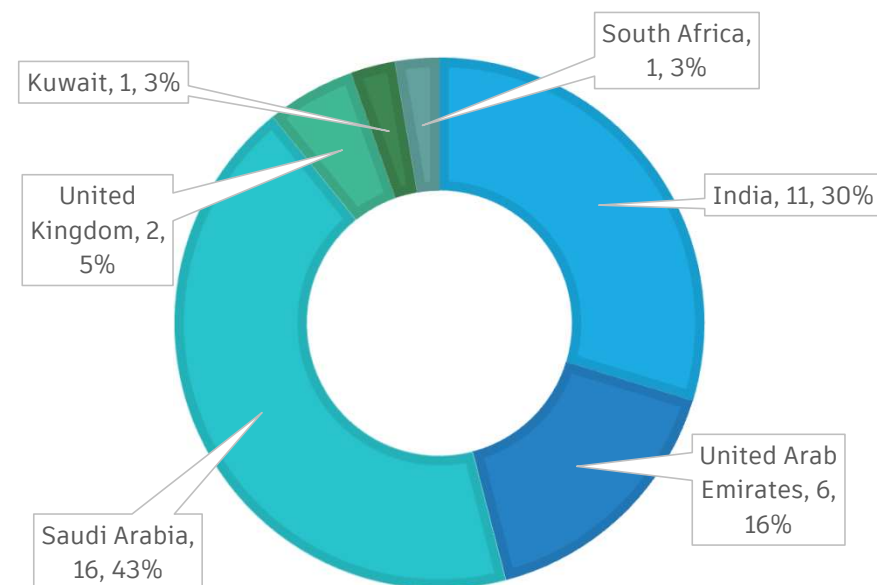


Project Portfolio

COMPLETED PROJECTS- CATEGORIES



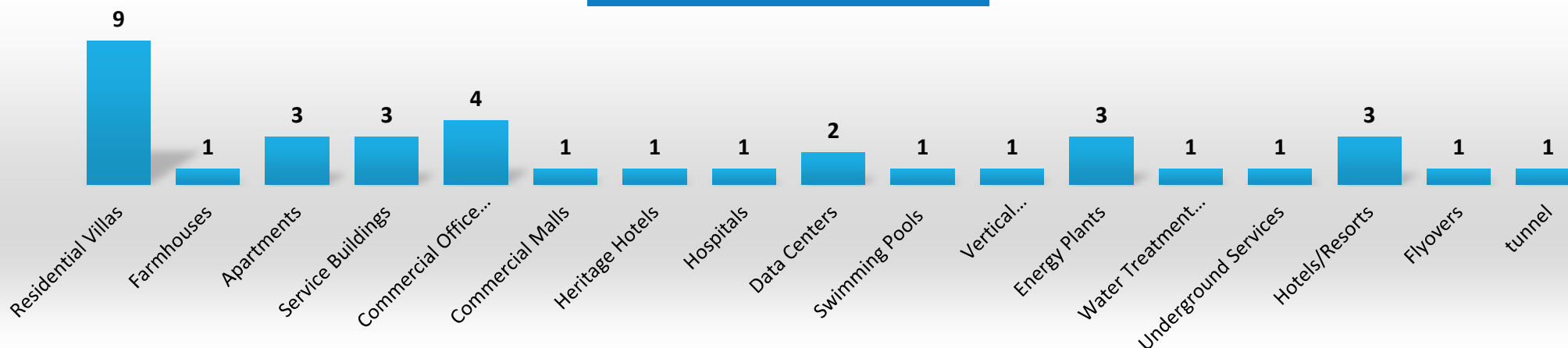
COMPLETED PROJECTS- COUNTRIES



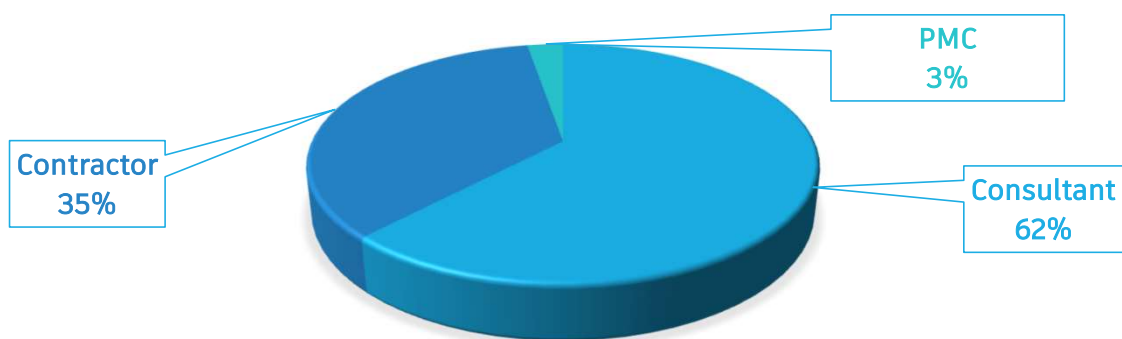


Project Portfolio

COMPLETED PROJECTS : TYPES



COMPLETED PROJECTS- CLIENT TYPE





BIMLABS Studio Clientele



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BIMLABS Resource Development Centers



BIMLABS Global Training Division

- BIMLABS Global has training institutes across Kerala, strategically located near leading engineering institutions to attract top students to the BIM and digital construction fields. They offer both long and short-term project-oriented training programs, including live project internships, transforming students into quality resources for global BIM projects at BIMLABS studio and partner organizations.
- Key programs include:
 - BIMLABS Certified BIM Professional
 - BIMLABS Certified BIM Modeler
 - BIMLABS Construction Management in BIM
 - Certification Programs for Customized Modules
- The BIMLABS Training Team also provides online and onsite training at engineering institutions, corporate offices, and government organizations, customizing programs to meet specific needs. Additionally, they collaborate with the National Skills Development Council, Construction Skills Development Council, and various state Skills Development Centers in Kerala to build a sustainable BIM workforce.



Training Partners



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BIMLABS Studio Locations



BIMLABS Studio @ Techno Park Thiruvananthapuram

SBC- 5, Kabani Building , Phase #4, Technopark
Pallippuram, Thiruvananthapuram
Kerala , India 695317



BIMLABS Studio @ Cochin Ernakulam

Plamoottil House, Kaloor-kadavanthra Road
Opp. Kumaranashan Bus stop
Kochi , Ernakulam , Kerala, India 682017



BIMLABS Global Research Institute

BIMLABS Studio Registered Office
1st Floor, E. K Complex, Kazhakkootam,
Thiruvananthapuram , Kerala , India 695582



BIMLABS Dubai Office

Office #6, 1st Floor, Mamzar Center
Al Nahda Road, Al Qiyada Metro Station
Dubai , United Arab Emirates



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BIMLABS Community Connect



www.bimstudio.net



www.bimlabsglobal.com



BIMLABS Continual
Learning Program



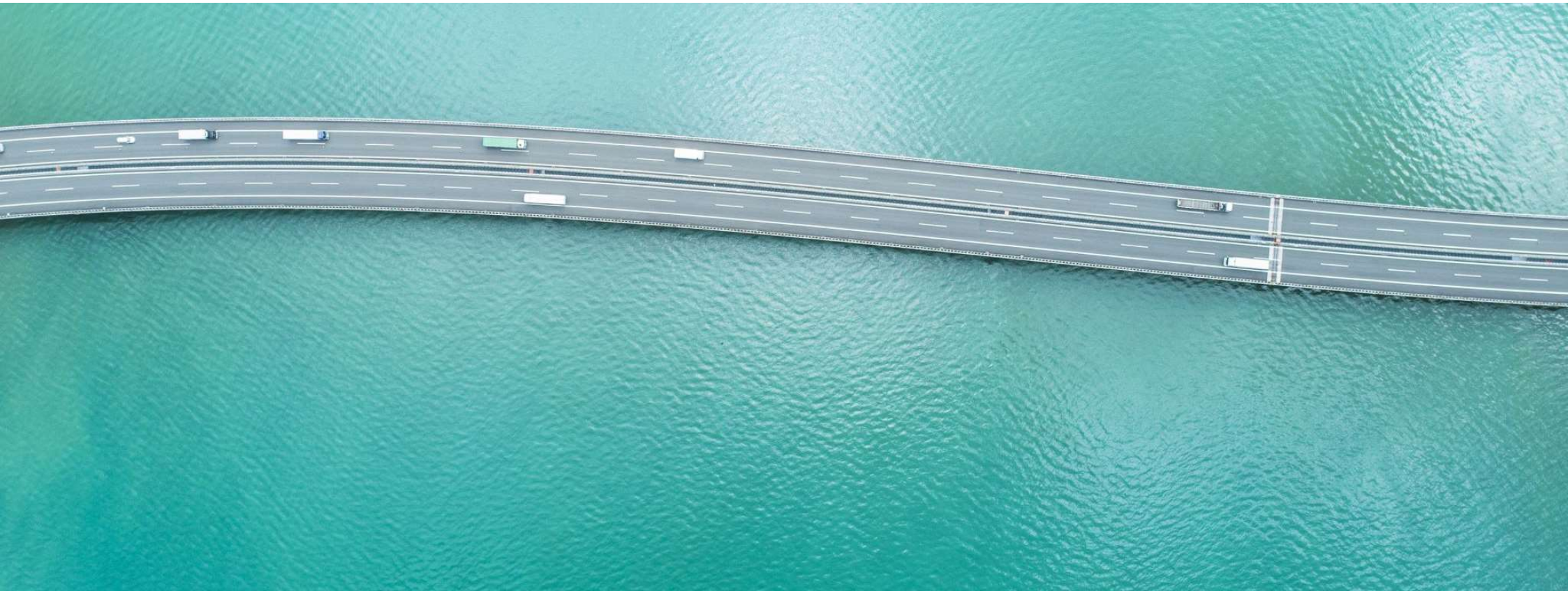
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Thank You