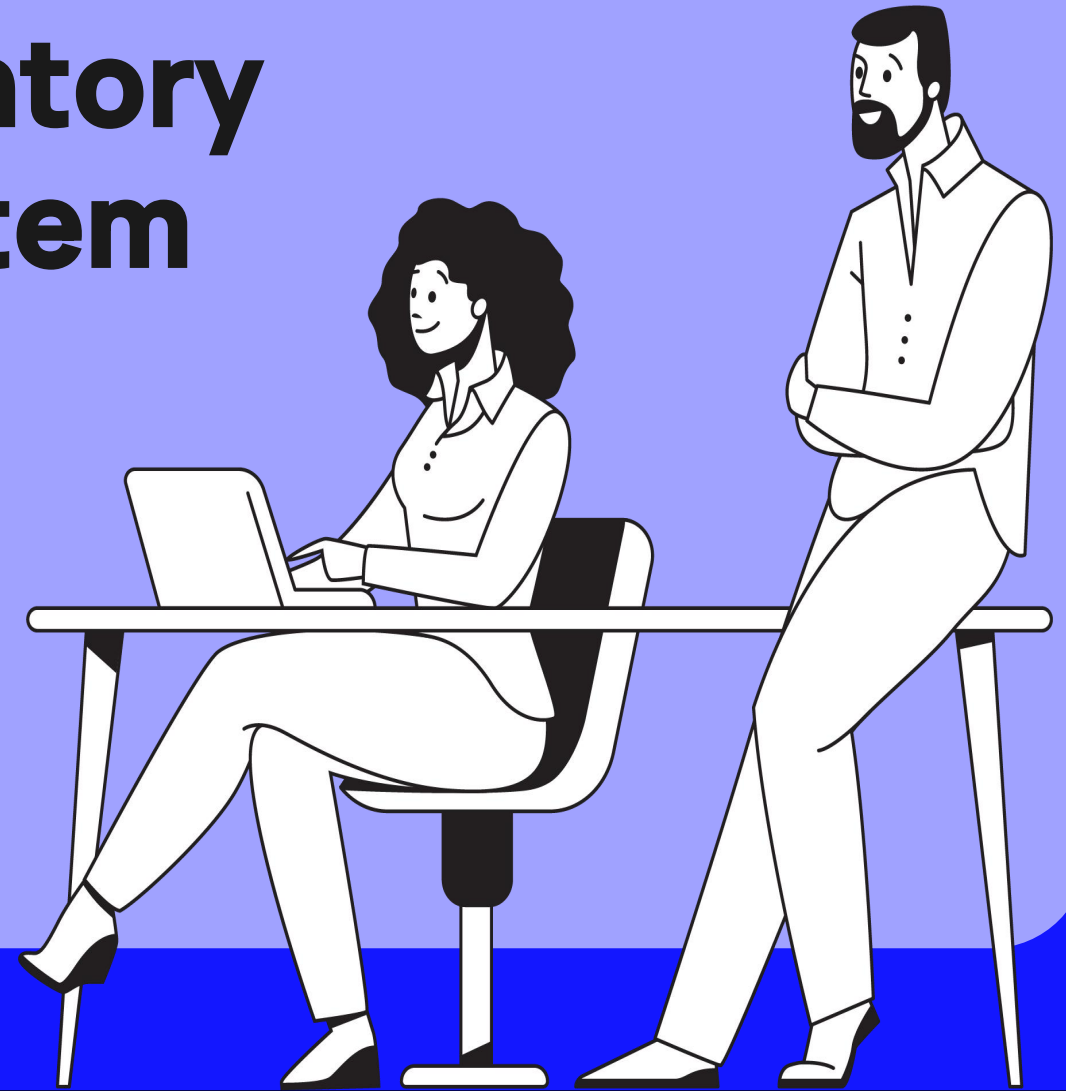


CIMS

Construction Inventory Management System

By JULIET NASIKE KASIMWAKA



Contents

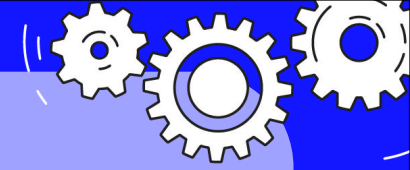
- 01 Introduction to Construction**
- 02 Construction Project Planning**
- 03 Construction Project Execution**
- 04 Construction Project Monitoring**
- 05 Construction Project Closeout**





01

Introduction to Construction



Overview of Construction Industry



Construction industry encompasses diverse sectors like residential, commercial, and infrastructure.

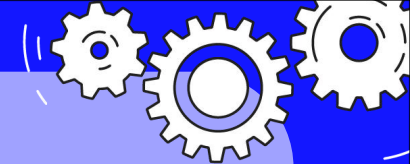


Construction is a major contributor to economic growth and employment.



Emerging technologies and sustainability are shaping the future of construction.





Importance of Construction Projects

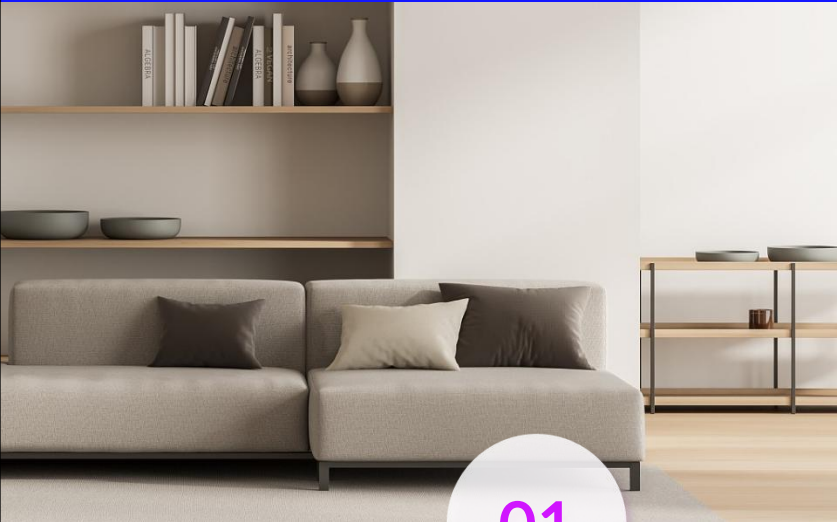
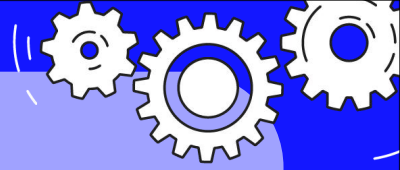
Supports job creation and infrastructure development.

Provides housing, transportation, and public facilities.

Drives advancements in building materials and techniques.



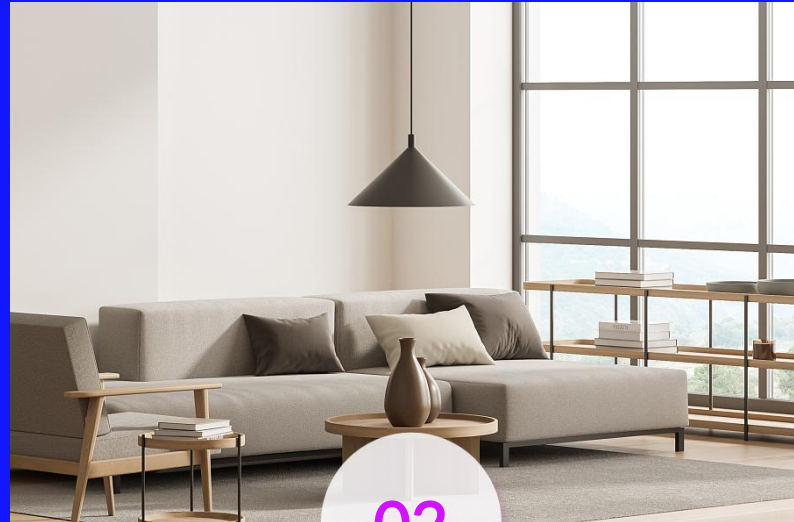
Key Stakeholders in Construction



01

Owners

Provide project vision
and funding.



02

Contractors

Execute construction
work on-site.



03

Architects and Engineers

Design the construction
project.





02

Construction Project Planning



Project Scope and Objectives

Clearly Define Project Scope

Outline the project's goals, deliverables, and constraints.

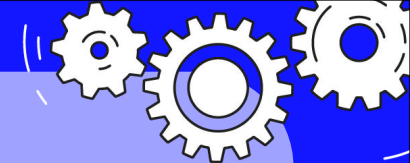
Establish Project Objectives

Determine measurable targets for project success.

Align Stakeholder Expectations

Ensure all parties understand the project's aims.





Resource Planning



Identify and allocate necessary personnel, equipment, and materials.

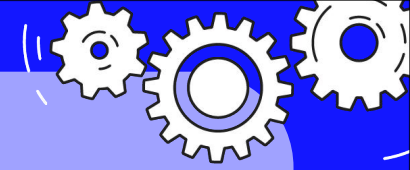


Coordinate schedules to ensure timely project completion.



Track resource usage and adjust plans as needed.





Timeline and Milestones

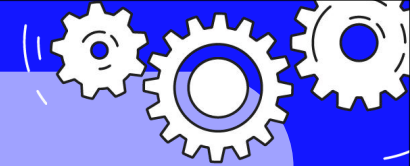
- Detailed Project Schedule
 - Outlines key construction phases and timelines.
- Milestone Tracking
 - Monitors progress against planned targets.
- Resource Allocation
 - Assigns personnel and equipment to tasks.





03

Construction Project Execution



Site Preparation and Logistics



Evaluate terrain, access, and infrastructure.

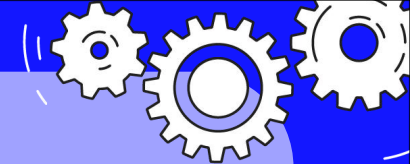


Coordinate material delivery and worker transportation.



Set up site offices, storage, and worker amenities.





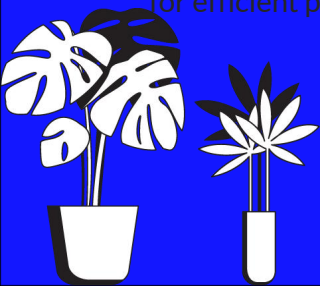
Construction Techniques and Methods

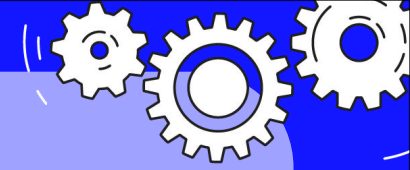


Leveraging modern construction techniques for efficient project delivery.

Implementing eco-friendly construction methods to minimize environmental impact.

Integrating construction technology to streamline project workflows.





Quality Control and Assurance



Conduct regular quality checks at critical project stages.



Define quality standards and procedures to ensure compliance.



Equip teams with necessary resources and authority.





04

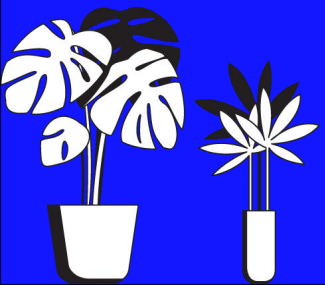
Construction Project Monitoring

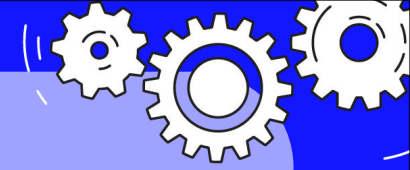
Progress Tracking and Reporting

Tracking progress against planned timeline.

Proactively addressing issues to stay on schedule.

Communicating project status to stakeholders.





Risk Management



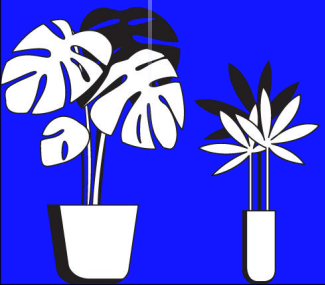
Analyze project scope, timeline, and resource constraints.

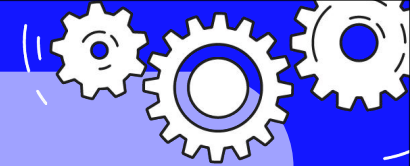


Implement contingency plans to address identified risks.



Continuously track, assess, and update project risks.





Cost Control and Budgeting

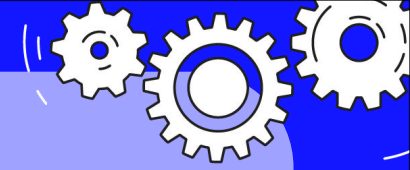
- Effective cost tracking
 - Regularly monitor and analyze project expenses.
- Budget optimization
 - Identify cost-saving opportunities to stay on budget.
- Financial risk mitigation
 - Proactively address potential cost overruns.





05

Construction Project Closeout



Final Inspection and Handover



Ensure all work is finished to specifications.

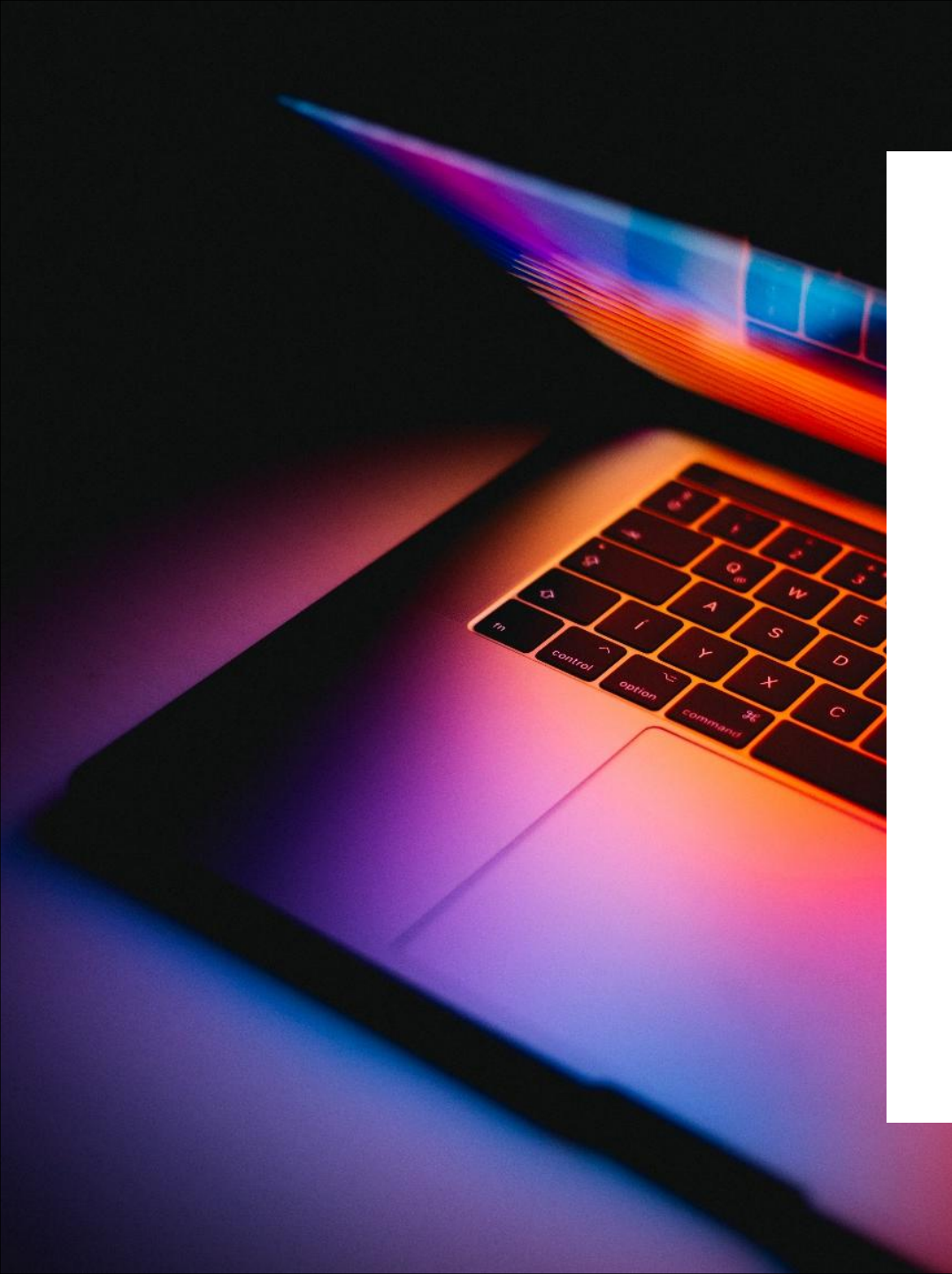


Identify any remaining issues for resolution.



Formally hand over the completed project.





Lessons Learned and Continuous Improvement

Identify Key Takeaways

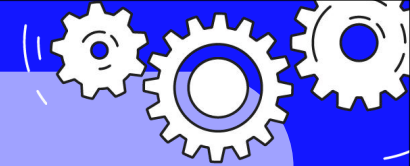
Analyze project successes and challenges to inform future improvements.

Implement Process Enhancements

Streamline workflows and incorporate feedback for greater efficiency.

Foster Collaborative Discussions

Engage stakeholders to share insights and plan for next steps.



Client Satisfaction and Feedback



Gather client feedback on project execution and outcomes.



Analyze client comments to enhance future projects.



Acknowledge team contributions and client satisfaction.



Thank You

Name

