

FC INTERNATIONAL

KEEPING THE CONSTRUCTION INDUSTRY ON TRACK

Teamwork - one goal'





AN INTRODUCTION TO FC INTERNATIONAL

FC International provides comprehensive project management services including scheduling and claims resolution to ensure construction projects run smoothly, on time and to budget.

The team of experts at FC International work on infrastructural, industrial and commercial projects across the private and public sectors.

THINK OF US AS CONSTRUCTION DOCTORS

WE OFFER:



PREVENTATIVE HEALTH PLAN



CONSULTANCY



REGULAR CHECK-UPS



HEALTH EDUCATION



EMERGENCY SERVICES



HEALTHY OUTCOMES

We offer a unique combination of technical expertise and management experience that adds value to clients in resolving complex issues related to programming, delay claims, and disputes. The company was formed to combat the dramatic increase in construction claims and dispute cases in the last decade caused by technological advancement and more complex business relationships.

FC International knows that robust construction programming is a key service to mitigate these issues and ensure a greater number of projects are completed successfully - on time and to budget.

We specialise in resolution management and resolving disputes between owners and contractors and subcontractors to ensure buildings get completed within time, budget, and quality. We do this by preparing each project's specific mechanism and methodology that will be followed by all involved parties (lead by FC International) to eliminate disputes and/or minimise the extent of the disputes if they arise.

We look forward to working with you.

OUR KEY SERVICES:

- **Infrastructural**
- **Planning including 4D/5D Modeling**
- **Claims & Disputes**
- **BIM Management**

HOW WE CAN HELP



PRE-TENDER / TENDER

- Commercial and risk advice
- Independent governance
- Planning and scheduling
- 4D planning
- Contract review and preparation

KEY DELIVERABLES/TASKS

- Strategic review of contract/tender documents and advise accordingly
- Identify key risks and provide mitigation plan/advice
- Detailed review of contract documents and recommendations
- Independent governance
- Master planning
- Detailed construction planning
- 4D planning

PRE-CONSTRUCTION

- Commercial and risk advice/plan
- Tender evaluation
- Planning and scheduling
- Independent governance
- Project structure set up

KEY DELIVERABLES / TASKS

- Setting up risk management plan
- Setting up commercial activities
- Ensure good practice is implemented
- Independent governance
- 4D planning
- Detailed construction planning
- Tender evaluation
- Set up project compliance strategy
- Pre-construction project health check
- Peer review of budget allocation

DURING CONSTRUCTION

- Commercial and risk advice and implementation
- Scheduling and planning
- 4D planning
- Project health check

KEY DELIVERABLES/TASKS

- Frequent project health checks
- Implementation of risk management
- Commercial support and positioning
- Scheduling and planning
- 4D planning
- Programme monitoring and control
- Resource allocation/analysis
- Cashflow analysis
- Earned value
- Contract reconciliation
- Estimate to complete

SOLUTION (DURING ANY STAGE)

- Dispute solutions
- Delay and disruption claims
- Forensic delay analysis
- Forensic cost analysis

KEY DELIVERABLES/TASKS

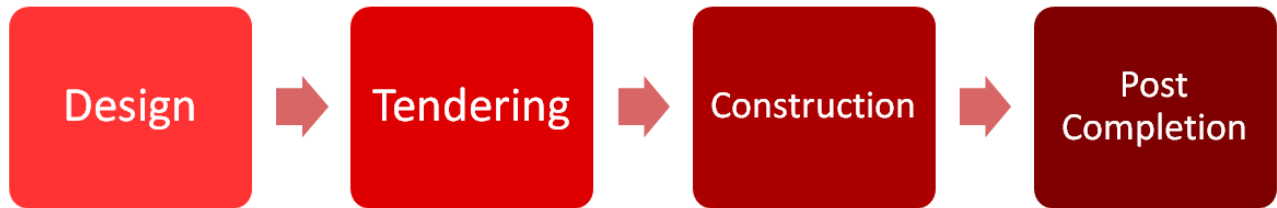
- Commercial positioning and negotiations
- Delay and disruption claims
- Commercial damages
- Liquidated damages
- Loss of productivity
- Loss of opportunity
- Forensic cost analysis
- Entitlement assessment:
 - Acceleration
 - Breach of contract
 - Differing site conditions
 - Delays
 - Disruption
 - Defective and deficient specifications
- Independent expert witnesses



INFRASTRUCTURE PLANNING

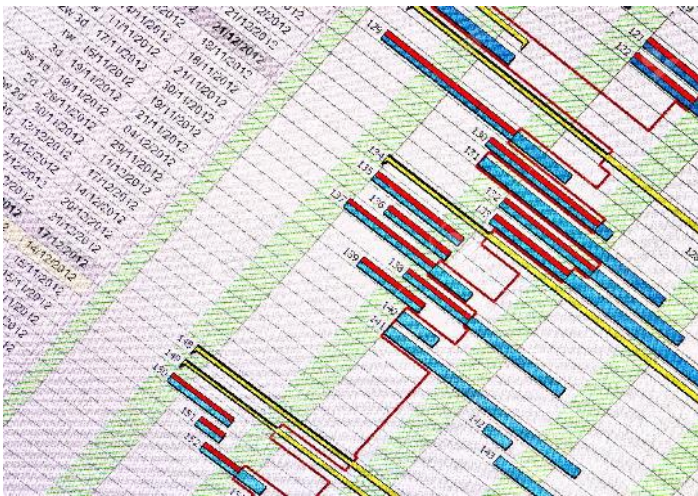
Construction planning is a huge factor in today's construction industry. While a wide range of planning methodologies have been used over the years, the disparity between execution and plan is still a huge and costly issue in this sector.

FC International has a proven record in minimizing risks, costs overrun and delays through implementing strategic planning (including 4D/5D modelling), programme development and management consulting services.



We provide services for the whole construction project cycle and across all scales (from large-scale projects to small projects).

No matter the project's size or complexity, FC International guarantees the success of your project.



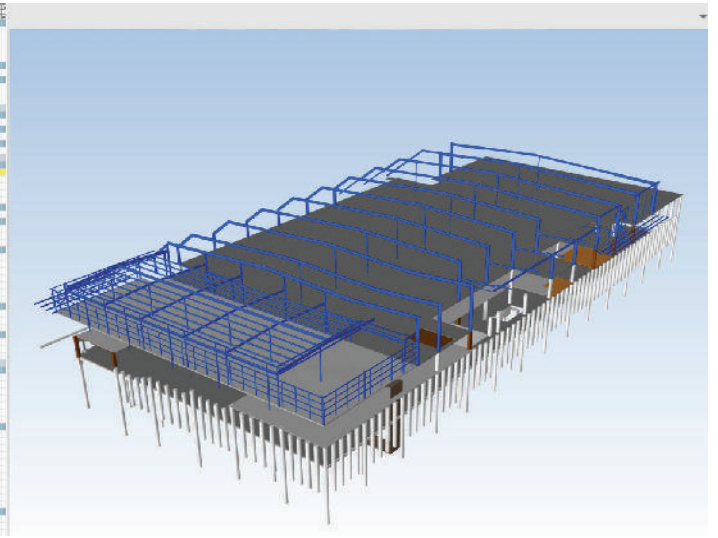
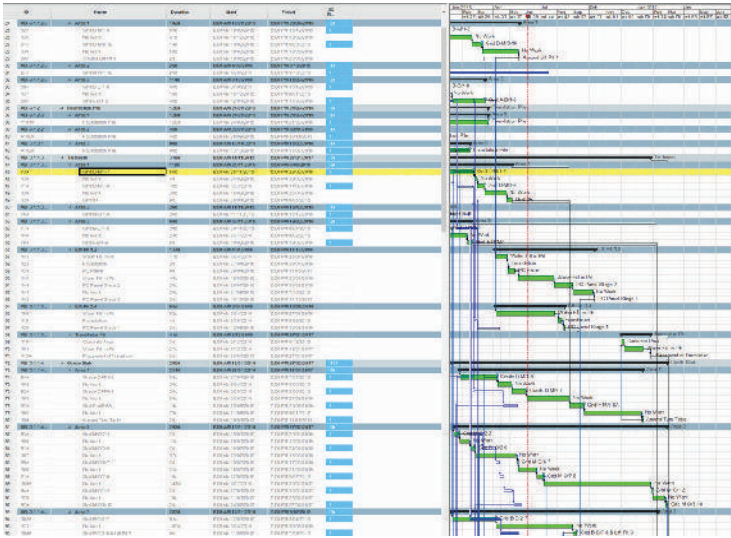
KEY BENEFITS:

- **Strategic planning for development and life cycle management of infrastructural projects**
- **Accurate and realistic plan to manage and construct your project**
- **Validate and optimize project plans before starting on-site**
- **Preparation and guidance of decision-making**
- **Better quality, safety, productivity and efficiency of projects globally**

4D/5D PLANNING

FC International performs 4D/5D planning to enable stakeholders in a construction project - from architects to contractors and subcontractors – to visualize the duration and sequence of a series of construction activities from start to finish, regardless of the complexity of the project.

Using visual representation of physical and functional characteristics of construction sequence in relation to time, FC International provides extremely robust construction plans that can be used to visually coordinate between all subcontractors/ tradesmen, designers, and the owners.



FC International offers your organization the power of real time visualization to deliver construction projects reliably, better, faster and cheaper.

KEY BENEFITS:

- Review, communicate and co-operate in a digital and interactive visual environment
- Usage of a unique platform that provides a single technology solution to create your approach to accurately visualize, analyze, edit and track your entire project including logistics and temporary works
- A visually data-rich environment engages all team members in a transparent process to optimize construction projects of all types, from tendering through construction, commissioning and handover



CONSTRUCTION CLAIMS & DISPUTES

FC International has an experienced team with in-depth technical knowledge and expertise in assessing projects' claims, managing and resolving disputes. The business is adept at conducting detailed analysis of claims.

We break claims down event by event, and issue by issue to help facilitate resolution and identify potential problems and pitfalls, and most importantly provide clients with workable, realistic, and economical solutions.

FC International provides independent review and assessment of claims and can supply expert witness testimonies. Experts are carefully screened before taking on a project to ensure that they are cleared of any conflict of interest.

Our experienced staff utilise industry standard analysis techniques:

- Time impact analysis (TIA)
- Windows analysis
- As-planned vs. As-built
- Impacted As-planned
- Collapsed as-built

The team is highly experienced in preparing, defending, and analysing claims related to:

- Delay and disruption
- Litigation support
- Labour productivity
- Design and construction defect
- Acceleration
- Differing site conditions
- Scheduling and planning

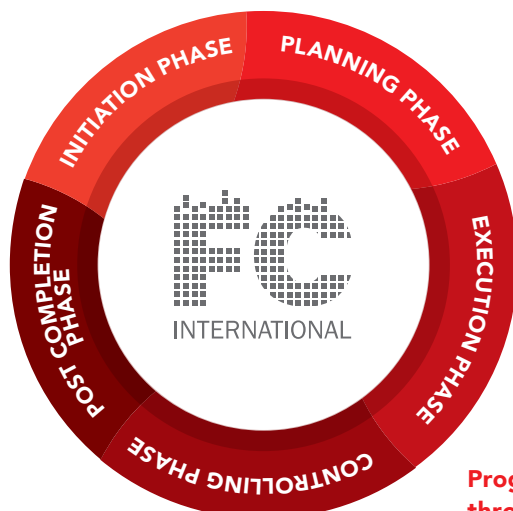
Keeping construction projects on time

Effective scheduling is imperative to the success of a construction project. Resource and cost loading project schedules can enhance the effectiveness of building schedules by integrating management of the project timeline with management of its resources and costs.

FC International's scheduling experts can help maximise your project's performance by assisting with the development and maintenance of your project schedule.

SCHEDULING SERVICES INCLUDE:

- Critical path method (CPM) scheduling
- Preliminary schedules
- Periodic scheduling updates
- Programme monitoring and control
- Planned and as-built schedule analysis
- Development of work breakdown structures
- Construction project acceleration
- Schedule delay analysis and quantification
- Total float management
- Time impact analysis
- Monte Carlo risk simulations
- 'What-if' scenarios
- Window analysis
- Collapsed as-built

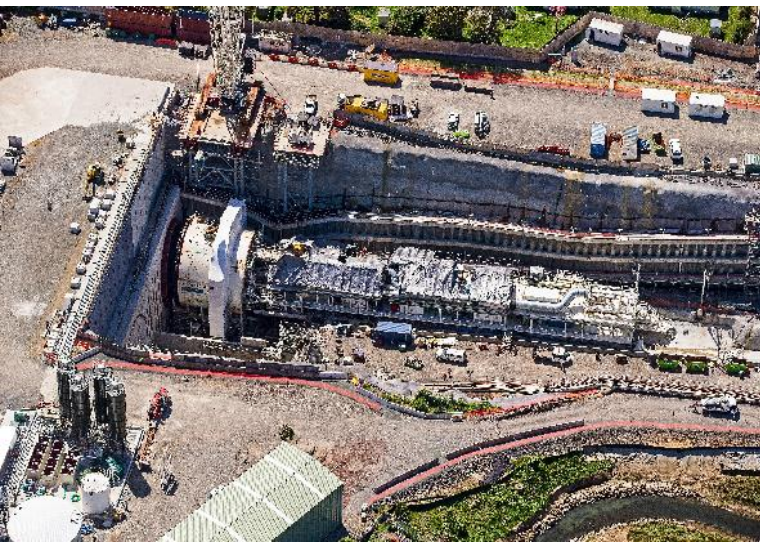


Programming services are essential throughout the project's life cycle.

INFRASTRUCTURE WORKS

Below are samples of works that our team was involved in:

The Waterview Connection- Western Ring Route



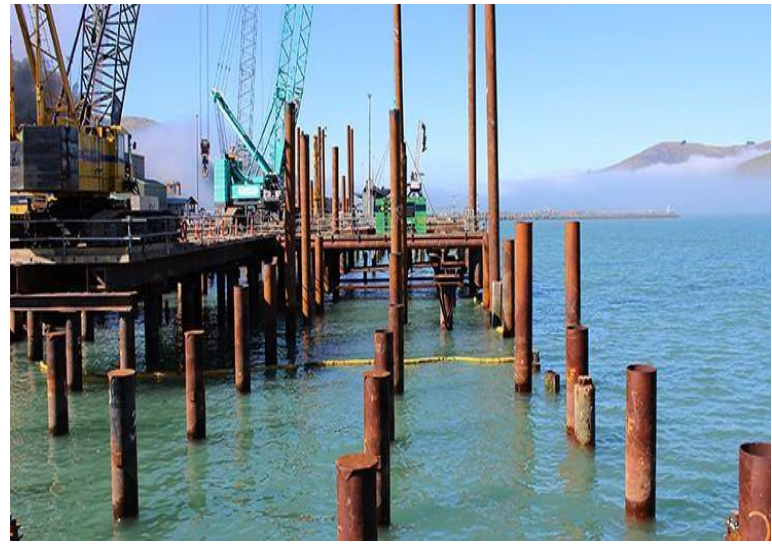
Christchurch International Airport



Auckland Kiwirail- Electrification



Lyttleton Port- Christchurch



AMETI



AMETI



MEET THE TEAM



FOUAD EL CHIKHANI



NEVILLE CLEVELAND



DON KARUNARATNE



AHMED EJAZ



MARIA DE STEFANO



SUMITHA VALSAKUMAR



HANI AL OLABI



TAI LIK WONG



JULIA BORDON

The company culture at FC International is all about team work - one goal by having a positive attitude, embracing new technology and innovations and treating peers and clients with respect. Much of the success FC International has achieved is because we attract and retain the very best people who are experts in their respective fields.

Our team come from engineering, architecture and quantity surveying backgrounds and have extensive and invaluable knowledge about the NZ construction industry.

CONTACT US

If you would like more information on our range of services, please call us on: **+64 800 333 009** or email us: **info@fsc-intl.com**

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