

**Concept Commissioning**

Established 2022

# Capability Statement



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# About

As a Project Management company specialising in Commissioning Management, [Concept Commissioning \(CCx\)](#) was founded in 2022, in recognition of the need for a more tailored suite of specialised services for clients.

Leveraging our expertise in project management and our deep understanding of the intricacies of data centre construction, we empower organisations to navigate the complexities of this critical endeavour with confidence and efficiency.

At the core of our approach lies a commitment to meticulous planning, diligent execution, and unwavering attention to detail. We recognise that data centres are the backbone of modern business operations, serving as the nerve centre for storing, processing, and managing vast amounts of digital information. Therefore, our company is dedicated to delivering projects that not only meet but exceed our clients' expectations, ensuring that their data infrastructure is robust, scalable, and future-proof.

From initial [Concept](#) development to final [Commissioning](#), we provide comprehensive project management services tailored to the unique needs and specifications of each client. Whether it's navigating regulatory requirements, optimising design efficiency, or coordinating with a diverse array of stakeholders, our team is equipped with the expertise and experience to overcome any challenge that arises throughout the project lifecycle.

*"By delivering exceptional results with integrity, professionalism, and a relentless commitment to excellence, we strive to set the standard for excellence in data centre project management."*



# Our Services

As **Services Project Managers** with ample **base-build** and **fit-out** experience, our role encompasses a multifaceted array of responsibilities crucial to the successful execution of projects, not limited to:

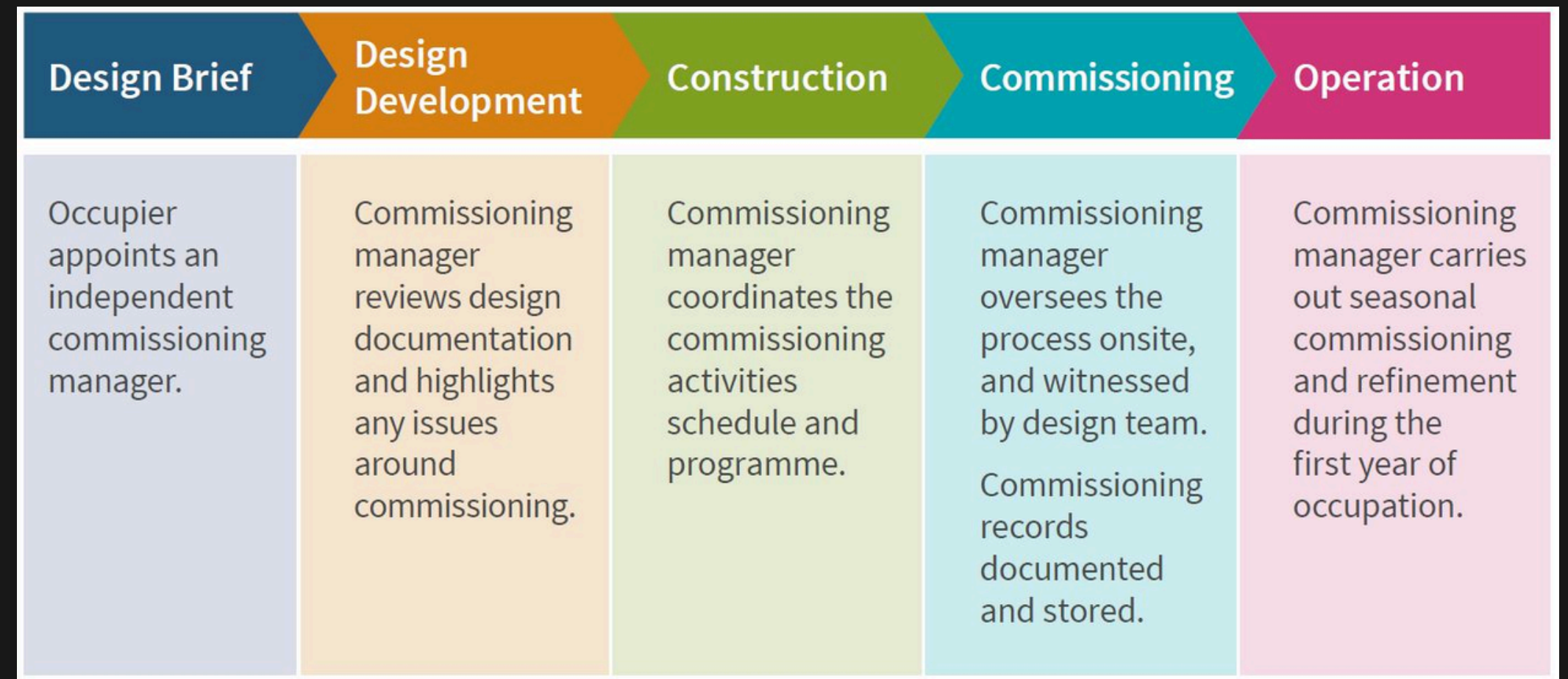
**Project Administration** ensuring smooth operations, from initial planning stages to project completion, involving coordination of resources, timeline management and maintaining clear communication channels among team members and stakeholders.

**Contract Administration** overseeing the negotiation, execution, and adherence to contractual agreements. Our attention to detail ensures that contracts are accurately drafted, terms are understood and obligations fulfilled, mitigating risks and ensuring compliance throughout the project lifecycle.

**Document Control** with flow, storage, and accessibility of project documentation managed including version control maintenance and organising documentation for easy retrieval, ensuring all relevant parties have access to required information. Our meticulous approach to document control facilitates transparency, accountability, and efficiency across the entire project team.

**Cost Consulting** including provision of expert guidance on budgeting, forecasting, and financial analysis throughout the project. We identify potential cost-saving opportunities and monitor expenditure in alignment with budgetary constraints. By leveraging our expertise in cost consulting, we help optimise financial performance whilst maximising project value for clients.

# Our Services



*High-level Commissioning Management process.*

As [Independent Commissioning Agents & Commissioning Managers](#), we offer a full spectrum of services to help organisations achieve their goals, not limited to:

- Facilitating customised processes including ASHRAE, CIBSE & LEED
- Design and/or Services & Maintainability reviews
- Development of Owner's Project Requirements in accordance with Basis of Design
- Development of Commissioning Plans
- Attendance at Factory Acceptance Tests
- Review/develop Inspection & Test Checklists and Plans, from QA/QC through Integrated Systems Testing (IST)
- Witness Testing
- Review of test results, providing unbiased feedback to our clients
- Managing multidisciplinary teams through Functional Performance Tests (FPTs) and ISTs on-site
- Managing the project Commissioning Issues Log and assisting in closing out issues at the end of a project
- Building Tuning services

# Company Purpose

Our purpose is to validate and optimise the performance of data centre systems, ensuring they are meticulously designed, installed, and commissioned in alignment with industry standards and client specifications. We meticulously assess and fine-tune data centre infrastructure, identifying and resolving issues swiftly to ensure uninterrupted operations and maximum efficiency (PUE). Our expert recommendations are geared towards enhancing performance, reducing operational costs, and elevating the overall functionality of data centres. We are passionately committed to delivering excellence, striving to ensure that every data centre operates at its peak potential, safeguarding critical digital infrastructure for our clients.



*Our purpose extends beyond individual projects. We aim to elevate the standards of the industry by sharing knowledge, fostering collaboration, and advocating for the importance of effective Project & Commissioning Management techniques.*

*"We aim to serve as trusted advocates for our clients throughout the lifecycle of their building projects."*





# Company Vision

*Enabling High-Performing Buildings through Project Management Excellence!*

At Concept Commissioning, our vision is to be the leading Project Manager and ICA, driving the transformation of the built environment towards high-performing and sustainable buildings.

By leveraging our in-depth knowledge of building systems and cutting-edge technologies, we envision ourselves as catalysts for positive change in the construction industry. Our goal is to help clients optimise their building performance, reduce operational costs, and enhance occupant satisfaction while promoting resilience and sustainability.

We envision an industry where commissioning is an integral part of every construction project, ensuring that buildings are not only well-designed and well-constructed but also thoroughly validated and fine-tuned for optimal performance.



# Company Mission

*Our mission is to deliver exceptional Projects and Commissioning Management services to our clients. Plain and simple.*

By upholding the highest professional standards and staying abreast of industry advancements, we aim to be leaders in the field of Mission Critical. Our mission is to make a positive impact on the built environment, promoting operational excellence, as well as occupant comfort and sustainability.

Our commitment to excellence is rooted in our deep understanding of building services, industry best practices, and evolving technologies, which we apply in identifying, documenting, and resolving potential issues, minimising risk and maximising operational performance and energy efficiency.

*Choose Concept Commissioning as your Project Management or Commissioning Management partner and let us help you achieve your goals while ensuring the long-term success of your building projects.*





# Projects

Current and recently completed projects include:

- **NEXTDC M2 Stg5-2** including 12x electrical strings (Txs, gensets, static UPSs) and 28 Indirect Evaporative Coolers, wet and dry fire systems plus all associated hydraulic and controls/monitoring infrastructure.
- **Telstra InfraCo DH1.2** at Deakin in the ACT, including L2-L5 testing of all critical electrical and mechanical equipment associated with supporting the electrical load and maintaining space conditions. Systems and equipment include Energy Management System (EMS), BMS, CRAH units, existing genset, new switchboards and UPSs, as well as existing chilled water loops.
- **NEXTDC M2 Stage 3**, involving L2 to L5 testing on a redundant condenser water system including boilers, cooling towers, Variable Refrigerant Volume units (VRVs), pumps, fans, Fan Coil Units, Energy Recovery Ventilators, Building Management System (BMS), Mechanical Control Centres (MCCs) and integration works with the existing facility.
- **Microsoft MEL11** involving placement of Commissioning Management resource with main builder to advise and attend witnessing throughout L3 commissioning activities.



# Meet the Team



Ian Quaye  
CPEng | MIEAust | NER | RPEQ |  
APEC Engineer | IntPE(Aus) |  
Uptime Institute ATD  
REC 22912

Managing Director &  
Senior Electrical Engineer

Ian is a seasoned Professional Engineer, whose 26-years in industry extend through high-end building services projects in construction, rolling stock and Mission Critical sectors. In recent years, Ian's experiences have involved more client-side roles, co-ordinating multidisciplinary teams of engineers and contractors on hyperscale Data Centre projects – primarily as the Independent Commissioning Agent / Commissioning Manager.

Ian is an Uptime Institute Accredited Tier Designer and is currently Chair of the Electrical College (Victorian Branch) of Engineers Australia.

## Experience:

- NEXTDC M3 - Day One works
- NEXTDC M3 - Stage 1, Phase 2
- Telstra InfraCo - DH1.2
- NEXTDC M2 - Stage 3 Redesign
- NEXTDC M2 - Stage 3
- NEXTDC M2 - Stage 5
- NEXTDC M2 - Stage 4
- NEXTDC M2 - Stage 1 Expansion
- NEXTDC M2 - Stage 2
- NEXTDC M2 - Day One works
- NEXTDC M1 - DH8
- NEXTDC M1 - DH7
- Equinix ME4 - HV switch-room upgrade
- Equinix ME1 - IEC expansion works
- Equinix PE3 - Day One works
- Digital Realty SYD14 - Day One works
- Digital Realty SYD11 - Expansion
- Coles OCADO FDC (VIC)
- Coles OCADO FDC (NSW)
- Cbus - 447 Collins St
- Mirvac - Olderfleet Place, 477 Collins St
- Lendlease - Y3, 839 Collins St
- Mirvac - 2 Riverside Quay
- Fujitsu - 8-mile Plains DC, audit works

# Meet the Team



Daniel Brodie  
BEng (Elec)

Senior Electrical Engineer

With a Bachelor of Engineering (Electrical), Daniel is an accomplished former AWS Data Centre Engineering Operations (DCEO) L4 Engineer and proved himself adept at overseeing two colocation data centre facilities in Melbourne, including Integrated Systems Testing, facilitating seamless transition to Operations.

Daniel has a background in critical electrical infrastructure design, having led as a Senior Electrical Engineer in multi-disciplinary teams for data centre projects across Madrid, Dublin, and London.

Daniel is an effective communicator with demonstrated productivity in both multidisciplinary team collaborations and autonomous work settings. He provides attention to detail, ensuring rigorous quality assurance for the end-client.

## Experience:

- NEXTDC M2 Stage 3 – Redesign
- Amazon Web Services - Melbourne
- Equinix - DUB56, Dublin
- Equinix - Madrid, MD3
- Wollongong Private Hospital, NSW
- Battersea Power Station, UK
- Heathrow Airport, UK - Tranche 2B
- Heathrow Airport, UK - British Airways Medical Facility
- Igus Factory, Cologne

# Meet the Team



**David Vuong**  
**BEng Building Services**  
**Engineering**

Mechanical Engineer

With a BEng in Building Services Engineering, David is an accomplished Building Services Engineer with extensive Mission Critical experience not limited to hospitals, laboratories and data centres including recent works with Telstra and the MEL25 (hyperscaler) works at NEXTDC M2. David was a Senior Mechanical Engineer at Entire Mechanical Services for 4-years before joining Concept Commissioning and was also heavily involved with Microsoft's MEL11 and MEL05 projects, specialising in onsite mechanical inspections. David is currently awaiting AIRAH Professional Engineer Registration.

## Experience:

- NEXTDC M2 Stage 5-2 (MEL25)
- NEXTDC M2 Stage 3 - Hyperscaler 2 fitout
- Microsoft - MEL11
- Microsoft - MEL05
- NEXTDC Stage 6
- Alfred Health - Paula Fox Melanoma Cancer Centre
- Ballarat Base Hospital – Stage 2
- Telstra Telephone Exchange H3 / H2 Cooling Upgrades - Exhibition Street, Windsor Exchange & North Melbourne Exchange – (Multiple Projects)
- University of Melbourne – Laboratory PC2 Fitouts works
- Victorian Cancer Centre

# Meet the Team



Alex Belvedere  
BInfTech,  
AdvDipEngTechElectrcl.

Electrical Engineer

With a Bachelor's degree in Information Technology (Web Systems) and currently studying for a BEng in Electrical Engineering, Alex has extensive experience of data centres, being the former NEXTDC Services Manager and having previously held roles there including Senior Data Centre Technician. Alex brings with him, a wealth of data centre specific knowledge, having taken part during commissioning phases over multiple projects whilst at NEXTDC, including Functional Performance Testing and Integrated Systems Testing of equipment including transformers, generators, UPSs, IECs, fire systems, CSMS and hydraulics.

## Experience:

- NEXTDC M2 Stage 5-2 (MEL25)
- NEXTDC M2 Stage 3 - Hyperscaler 2 fitout
- CSIRO Data centre Technical Operations Specialist
- NEXTDC M2 - Stage 3 Redesign
- NEXTDC M2 - Stage 3
- NEXTDC M2 - Stage 5
- NEXTDC M2 - Stage 4
- NEXTDC M2 - Stage 1 Expansion
- NEXTDC M2 - Stage 2
- NEXTDC M2 - Day One works



# Contact Us

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