



Simplifying Complexity,
Enhancing Places



Renew. Rebuild.
Via Your Trusted Specialists



Capability Statement

- 01 Corporate Information
- 02 Knomis Engineering
- 03 Knomis Advisory
- 04 Knomis Technology
- 05 Viih Building



01

Corporate Information



Who we are

Knomis is a leading Australian organization that delivers sustainable engineering, building, and advisory solutions for natural, built, and organizational assets.

We are experienced people dedicated to simplifying complexity and enhancing places.

Operating locally, Knomis embraces an agile working environment to build close working relationships with our employees, partners, and customers globally.

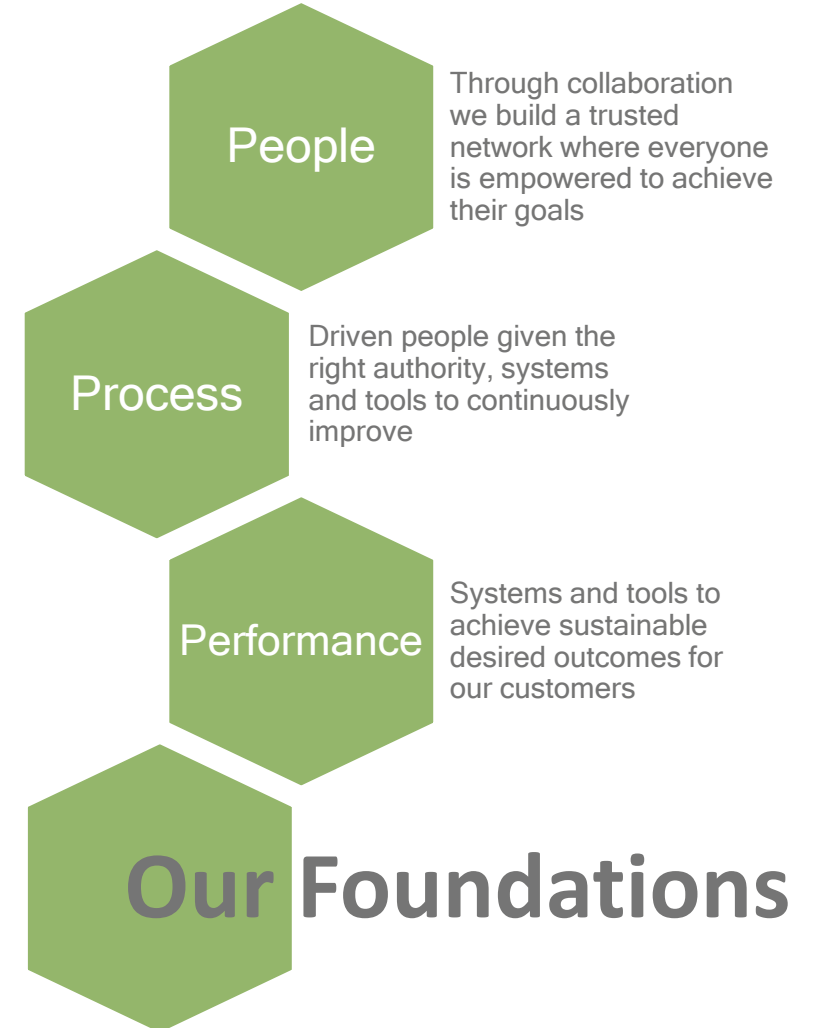
With robust, mobile, and reliable technology, we can work closely with our trusted network of people, partners, and suppliers to achieve efficiency and productivity

Vision

To be a preferred business partner enabling local and global organisations to achieve their goals.

Our Objective

Simplifying Complexity, Enhancing Places.





What we do

With over 40+ years of combined experience, our team have a reputation for success across the building and infrastructure sectors, providing expert engineering, building and consulting services in strategy, delivery, operations and remediation. We have maintained our reputation of providing people and solutions that deliver both short term and long-term results for our clients.

Engineering

- Civil & Structural Design
- Forensic & Remediation
- Building Consultancy
- Architecture

Advisory

- Asset Management
- Program Management
- Project Management
- Systems Engineering

Technology

- Field Solutions
- Business Solutions
- Apps and Software

VIAH

Building

- Remedial
- Maintenance
- Construction
- Facility Management



What we stand for

Our Business Policy

We are committed to being a sustainable business ensuring long-term growth while balancing social, human, economic and environmental areas across all our services. This commitment reflects our ambition to contribute to societies and explore new business opportunities with our customers.

- | We will maintain honesty, reciprocity and cohesion in all our internal and external relationships.
- | We will proactively engage with our stakeholders to manage impacts from our activities that may affect our people, employees and customers.
- | We will foster a zero-harm culture and actively manage the health, safety and wellbeing of our people through honest reporting and corrective action.
- | We will provide a culture of leadership that focuses on shared values, innovation mindset, education, diversity and safety.
- | We will provide services that consistently meet or exceed our customers' expectations and maximise efficiencies by continuously improving our work practices.

Our commitments are embedded in our culture and decision making to minimise impacts, eliminate incidents and increase value.

Knomis is committed to operating by our Policy

George Khoury
Managing Director





What we stand for

Our Individual Values



Integrity

Through collaboration we build a network based on trust where everyone is empowered to achieve their goals



Excellence

Driven people given the right authority, systems and tools to continuously improve



Leadership

Our people are respected, valued and empowered to take responsibility for their role and we are invested in their success.



Sustainability

Systems and tools to achieve sustainable desired outcomes for our customers



Our capability

People and Team

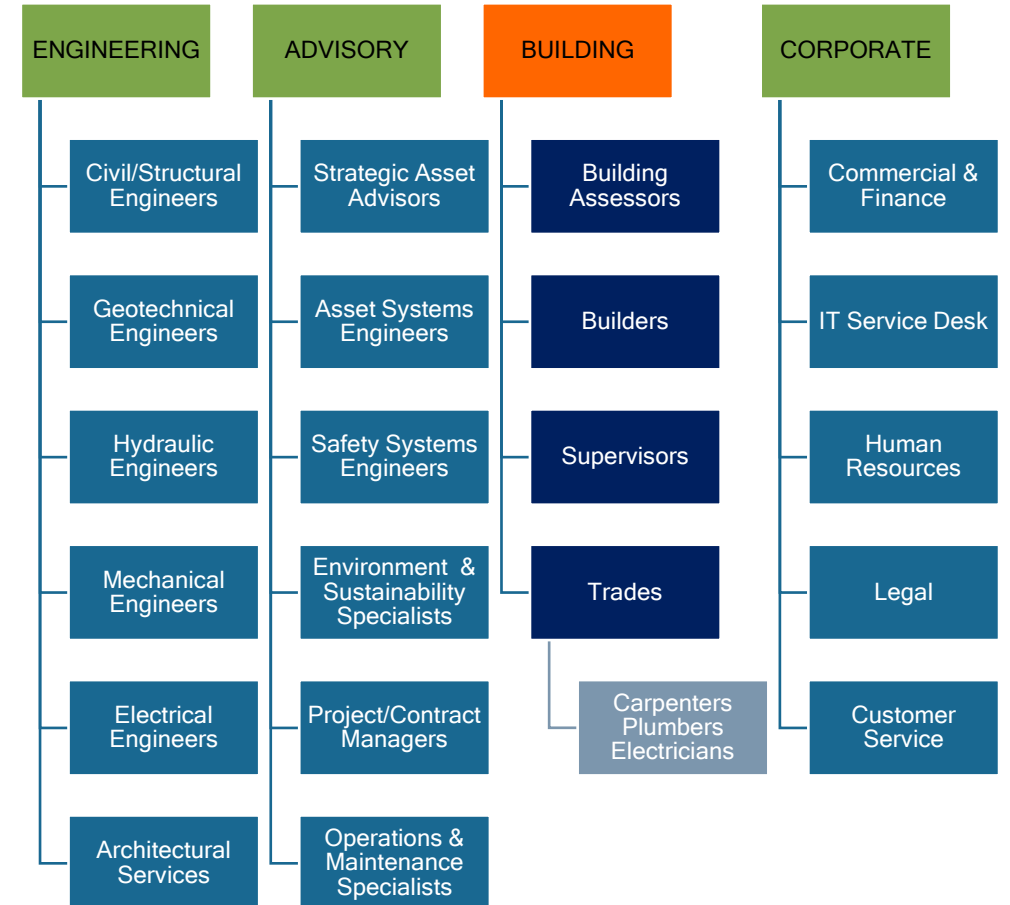
Our people define our abilities.

Our trusted highly qualified and experienced personnel possess extensive knowledge of civil engineering with a combined 40+ years of experience across the infrastructure sector from

- Planning and Strategy
- Development and Design
- Construction and Remediation
- Operations and Maintenance

Real people, real experience.

Our proven professional experience, gained through multidisciplinary projects, enables us to provide our customers the highest level of professional advice, leadership and management skills.





Professional Affiliations



ASSET MANAGEMENT COUNCIL



Professional Engineer PRE0002253
Design Practitioner DEP0003704
Principal Design Practitioner PDP0001242
Contractor License 457455C

Secure Local Jobs Code

In process – target Q1 2024



Our Clients





02

Knomis Engineering



Engineering Services

We offer our multidisciplinary engineering capabilities for all stages of the project lifecycle, encompassing residential, commercial, and industrial buildings.

Our rapidly evolving world demands swift and sustainable innovation. With a wealth of multi-industry expertise in civil, structural, geotechnical and environmental engineering, we are committed to delivering practical solutions that empower our clients to overcome challenges and maintain a competitive edge in today's dynamic landscape.

Our engineering services are tailored and tested to meet the unique requirements of builders, developers, property and strata managers, insurers, loss adjusters and private clients.

We collaborate with governing bodies, including councils, certifiers, insurers and industry associations, to ensure that our designs remain practical, compliant with regulations and promote sustainability.



Engineering Services

Civil & Structural Design

Knomis provides structural engineering design, analysis, and verification services for residential, commercial and industrial buildings.

Whether it's new builds, renovations, or addressing damage, Knomis offers a comprehensive suite of services, including concrete, timber and steel design, as well as the production of CAD drawings and construction specifications.

Knomis' civil engineering design services encompass:

- Geotechnical engineering field investigation, analysis, and design for foundations, earthwork, and embankments.
- Hydraulic engineering designs for stormwater and drainage.
- MEP (Mechanical, Electrical and Plumbing) services design for buildings.
- Services and utilities investigations and design for greenfield and brownfield sites.

Our services extend to the field, where our experts conduct field investigations and testing, inspect and validate construction work and resolve complexities arising on projects.



Engineering Services

Forensic and Remediation

Knomis offers expertise in the identification and diagnosis of building maintenance and/or defect issues and can provide expert remedial recommendations.

We are recognised for providing clear, conclusive and independent technical advice in a timely manner. Our understanding of relevant legislation and codes including the General Insurance Code of Practice and the National Construction Code drives our process and leads to cost effective outcomes for our clients.

We provide:

- Forensic investigations, damage Causation Reports
- Expert recommendation and advice
- Remediation plans, Scope of Works and Specifications
- Cost Estimating and BoQ
- Condition Assessment reports



Engineering Services

Building Consultancy

Knomis provides expert advice on asset condition, compliance, defects and expenditure for owners, builders, managers and investors across the property industry.

Knomis has real-time access to land and property information, enabling rapid and best-in-class services that provide all necessary information for accurate cost estimates and approvals.

Our building services include:

- Property condition assessments
- BCA and NCC compliance
- Dilapidation reports
- Building safety assessments
- Building and pest inspections
- Façade and Waterproofing assessment
- Technical due diligence

Our property information services include:

- Title Search and Land information
- Property information certificates
- Planning Certificates
- Bushfire Attack Level reports (BAL)
- DYBD - Dial Before You Dig
- Historical property investigations



Engineering Services

Architecture

Expertise in meeting regulatory requirements and project objectives.

Knomis employs a comprehensive and integrated approach, uniting planning, design, and engineering disciplines to transform our clients' architectural ambitions into tangible realities.

With a focus on sustainable, social, and technological design innovation, Knomis strives to create lasting value in the built environment.

Our areas of expertise include:

- Development applications and approval facilitation
- Designs to meet Regulations, Policies and the NCC (BCA)
- Design drawings and drafting
- Surveying and GIS
- 3D Modelling and Visualisation
- Council, Authority and utility services consultation

Knomis has real-time access to land and property information, enabling rapid and best-in-class services that provide all necessary information for accurate cost estimates and approvals.



03 Knomis Advisory



Advisory Services

Backed by extensive real-time experience, we offer strategic, tactical, and operational infrastructure advisory as embedded expertise or outcome-based solutions



As a leading engineering consultancy backed by extensive real-time experience, we seamlessly offer strategic, tactical, and operational advisory services.

Whether outcome-based or embedded specialists, our professionals have proven valuable to clients across the infrastructure, property, energy, and technology sectors.

The knowledge our trusted advisors offer throughout the project and asset lifecycles draws on expertise in multimodal transport infrastructure, buildings and facilities, land and resources, and sustainability.



Asset Management

Strategy and Planning

Knomis provides comprehensive strategic asset management services, utilizing a powerful combination of industry knowledge, subject matter expertise, and unwavering dedication to delivering excellence for our clients throughout the entire lifecycle of their assets.

Our services include:

- Asset Management Strategy development and implementation
- Strategic Asset Management Plans and Frameworks
- Asset Management Systems to ISO55000
- Life Cycle Planning and Asset lifecycle modelling
- Concept of Operations and Operating Strategies
- Whole-of-Life optimisation of safety, reliability and costs
- Sustainability Strategies aligned to ESG and UN Sustainable Development Goals (SDG's)



Asset Management

Safety and Systems Engineering

Knomis offers a [Systems Engineering approach](#), utilising proven processes and assessments, to assure our clients that their asset will deliver the required level of performance throughout its entire life cycle.

Our capabilities and expertise include:

- Risk and Reliability Engineering (RAMS)
- Failure Modes and Effects Analysis (FMECA)
- Quantitative Risk Analysis (QRA)
- Incident Investigations
- Functional and Process Hazard Analysis
- Reliability Centred Maintenance (RCM) implementation



Asset Management

Operations and Maintenance

Knomis recognize the critical importance of well-maintained and reliable assets for our client's operations. We provides comprehensive services to ensure our client's assets operate at peak performance and remain in top condition throughout their lifecycle.

We provide:

- Asset Maintenance Planning; planned, predictive, preventive and corrective maintenance
- Asset Lifecycle Condition Assessments
- Technical maintenance plans, maintenance standards and Inspection and test plans
- Service operations plans and Operating Processes
- Maintenance Management systems including plans, procedures, and processes.
- Asset information systems development and implementation
- Facility management advisory services



Program Management

End to End Services

Knomis offers end-to-end Program Management services, designed to provide comprehensive and strategic oversight to ensure the successful execution of complex initiatives. We leverage our expertise to streamline processes, align resources, and optimize outcomes. With a keen focus on efficiency, risk mitigation, and stakeholder engagement, we help our client achieve their goals with precision and excellence.

Our end-to-end expertise includes:

- Business Case Development, Lifecycle modelling
- Commercial and Contract Management
- Technical Scope and Specification development
- Project Management and delivery Services
- Quality, Compliance & Performance Management
- Data Analytics and Visualisation
- Environmental Engineering and Approvals





Corporate Advisory

Real people, real experience, real-life knowledge

Knomis executives have first-hand experience in the current corporate environment and understand the challenges businesses face.

Knomis provide a variety of business advisory services, partnering with our clients to bring unique insights and global expertise to support better outcomes for complex problems.

We provide:

- Business Strategy
- Commercial Support Services
- Tender Management and bid writing
- Investment, finance and management reporting
- business transformation and change management
- risk identification and analysis



04

Knomis Technology



Technology Services

We are committed to being ahead of the curve through innovative solutions. Leveraging the latest cutting-edge technology including drones, robotic cameras, 3D scanners, and field apps, we provide our clients with cost effective services.


Our team are constantly exploring new and emerging technologies to improve efficiency, accuracy, and safety in our industries.

Our Capabilities include:

- Field Solutions
- Business Solutions
- Apps and Software

Our solution to any problem

ExCeDE
a proven process utilizing a bottom-up implementation with top-down strategy and direction applied in four key stages;



- 🕒 **Explore.** To investigate, analyse and plan.
- 📝 **Create.** To design, build and configure.
- 🚚 **Deliver.** To deploy, test and train.
- 🔧 **Enhance.** To support, maintain, improve and upgrade processes.

driving value adding outcomes and improving return on investment. 💰



Our complimentary offering



IBM Software Solutions

Knomis is an Authorised IBM Products and Services reseller.

Our customers can benefit the packaging of strategy, business process, software provisioning, licensing and implementation provided by a single trusted source.

Our service capability includes:

- Project definition
- Process mapping
- System solutioning
- Implementation
- Training and Support

IBM primary product expertise includes:

- Maximo Asset Management Application Suite
- TRIRIGA Real Estate and Facilities Management Application Suite
- Environmental Intelligence Suite
- Envizi Sustainability Performance Management
- DOORS Engineering Requirements Management

05 Viiah Building



Building Services

Knomis offers end-to-end building services that provide comprehensive and holistic oversight to ensure the successful execution of complex projects.

We leverage our expertise to streamline processes, align resources, and optimize outcomes. With a keen focus on efficiency, risk mitigation, and stakeholder engagement, we help our client achieve their goals with precision and excellence

Our experienced team provide project management, supervision and delivery of project works across multiple trades and scopes of work including:

- Renovations and alterations
- Remedial projects
- Maintenance activities
- Facility management

Our trades include:

- Licensed electricians
- Licensed plumbers
- Qualified carpenters
- Painters
- Plasterers
- Roofers
- Tilers
- Interior fit-out



Contact Details

Customer Service



+61 02 7229 1010
info@knomis.com.au
www.knomis.com.au

Business Partners



partners@knomis.com.au

Head Office



L29 Chifley Tower, 2 Chifley Square, Sydney NSW 2000

Office Hours:



Mon - Fri	8.30am to 5.00pm
Sat - Sun	on-call
Afterhours	on-call

Site Office

141 Canberra Avenue, Fyshwick ACT 2609



Knomis Pty Ltd is a privately-owned organisation formed in 2016 (ABN 45610477533).

Contractor License (275700C)
Engineers Australia (MIEAust)