

arete Australia
Science & Research
Capability Statement 2023



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About Us

arete Australia has quietly built a reputation for delivering highly complex interiors, fitouts and refurbishments.

Our team has worked on over 180 projects, delivering 255,444sqm within Victoria. We have applied our expertise to the education, health, aged care, government, commercial office and base building, hotel and hospitality sectors, delivering impeccable quality on schedule and budget.

As a division of Kane Constructions, we benefit from the financial strength, corporate governance and stringent management systems that this industry leader has refined over its 45+ years of operation.

EXPERIENCED SPECIALISTS

Our success has been built on the dedication, specialist skills and work ethic of our diverse team.

Each member is highly regarded within the industry for an ability to deliver projects of complexity and breadth.

We are also known for being proactive and reactive; we anticipate potential problems and quickly respond to any challenge that may arise.

WELL-BUILT RELATIONSHIPS

Our strong and ongoing relationships with our clients are testament to our commitment and reliability, as much as the exceptional quality of our work.

Through a collaborative and consultative process, we endeavour to understand each client's needs. We then set about creating bespoke solutions that meet design goals, timeframes and budgets.

DEFINING CULTURE

The workplace ethos at arete is one of cooperation, invention and transparency. It defines everything we do, from how we engage with staff to the relationships we build with our clients.

We thrive in a hard-working, collaborative and agile culture. We're dedicated to problem solving and refining our practices. Put simply, we go about what we do, and let our results speak for themselves.

Strength and Security

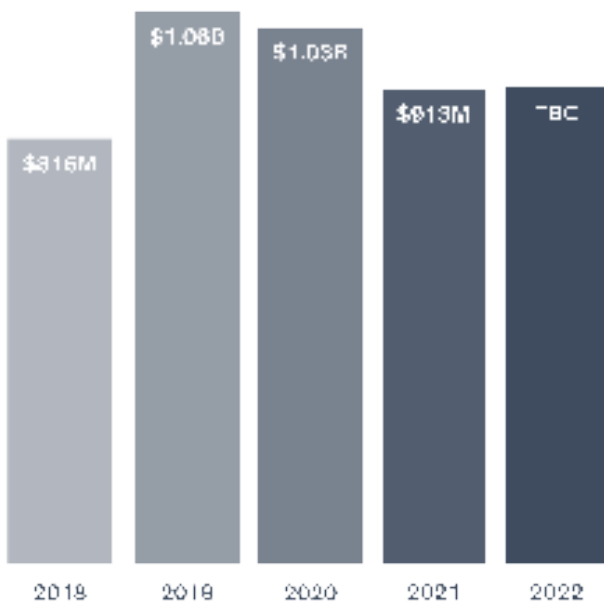
As a division of Kane Constructions, arete Australia benefits from their financial strength.

Annual turnover in excess of \$1 billion.

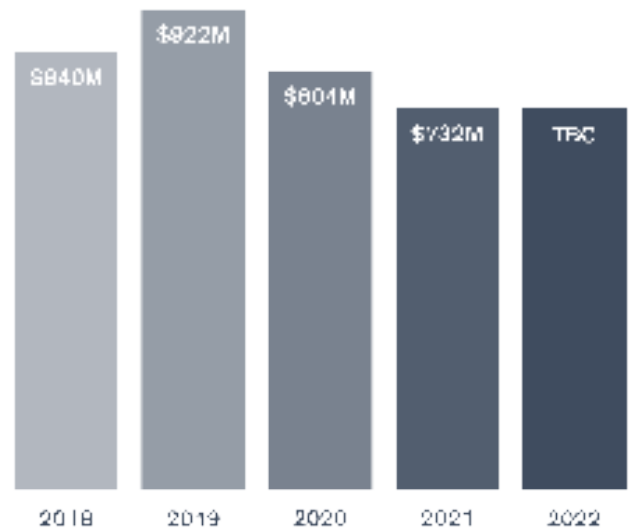
Projects in the \$1 million to \$250 million value range.

Able to maintain a bank guarantee and bonding facilities of \$200m + \$30m bonding facility from Vero.

Total assets exceeding \$150 million with a security facility to cater for well over \$1 billion of work under construction.



Revenue



Contracts Awarded

Company Structure



Executive Team Victoria



Richard Frisina
JOINT MANAGING DIRECTOR



Tristan Forster
JOINT MANAGING DIRECTOR



Matt Rossi
JOINT GENERAL MANAGER



Diarmuid O'Mahony
JOINT GENERAL MANAGER



Jonathan Angeloupolos
BUSINESS DEVELOPMENT MANAGER



Quality Assurance Management System
ISO 9001:2015



Occupational Health and Safety Management System
ISO 45001



Environmental Management System
ISO 14001:2015



Australian Government Building and
Construction OHS Accreditation Scheme



Treasury
and Finance

National Pre-qualification System for Commercial & Residential
Refurbishment and Office Fitout up to \$138 million - Construction
Supplier Register (CSR)

A photograph of a modern laboratory. The room features several workstations with white countertops and blue storage cabinets. In the foreground, a stainless steel sink with a white faucet is mounted on a metal frame. Above the sink, a white rack holds numerous pipettes. The background shows more workstations and a large window. The overall lighting is bright and even.

Science & Research



La Trobe University SEMS LAM Hub

arete Australia was engaged by La Trobe University to convert and refurbish the existing office spaces and a laboratory on Level 1 of the physical sciences building, at their bundoorra campus, to create a new SEMS (School of Engineering and Mathematical sciences) La Trobe Advanced Manufacturing Hub.

the scope of works included the demolition and removal of existing office and redundant services and construction of new wet and dry laboratory spaces throughout Level 1. The new spaces enable students and research staff to design, fabricate and test new materials and structures.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Fitout

CLIENT

La Trobe University

KEY CONSULTANTS

DS Architects
Fenton Partners
Acor Rudd Consultants

VALUE

\$1,361,000

PROJECT SIZE

200m²

DURATION

4 Months

COMPLETED

May 2021



Monash University B28 G65 Clean Labs Main Works

arete Australia have completed the construction of the new ISO 4 Clean Rooms for Monash University.

The project was delivered within the existing G65 and G72 floor space of Building 28, Monash University Clayton Campus. The clean lab was constructed for the new Monash Head of School of Earth Atmosphere and Environment (EAE), Professor Andrew Mackintosh.

The cleanroom laboratories didn't require PC classification but were required to be ISO Class 4 compliant, pursuant to ISO 14644-1:2015: Cleanrooms and associated controlled environments.

The most important aspect of the clean room design was the HVAC systems. Which had specific requirements for air changes per hour and air flow patterns.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Refurbishment

CLIENT

Monash University

KEY CONSULTANTS

Wood
Simon Wragg & Associates
Pty Ltd
JMP

VALUE

\$4,100,000

PROJECT SIZE

170m²

DURATION

11 Months

COMPLETED

March 2022



RMIT – ARC Innovative Waste

arete Australia was engaged by RMIT University to construct their new innovative waste and bio solid transformation research facility. arete completed the refurbishment of 340m² of existing space within building 211 at their Bundoora campus.

The project saw the demolition of existing services and internal fabrics and the subsequent installation of new services, construction of a specialist equipment housing area, eye wash and safety showers, laboratory and office spaces including a consolidated sorting and storage area for the adjacent stakeholders.

KEY PROJECT DETAIL

Education - Tertiary
Lump Sum
Private
Fit out

CLIENT

RMIT University

KEY CONSULTANTS

Turner & Townsend
1:1 Architects Pty Ltd
WGA
Stantec

VALUE

\$1,700,000

PROJECT SIZE

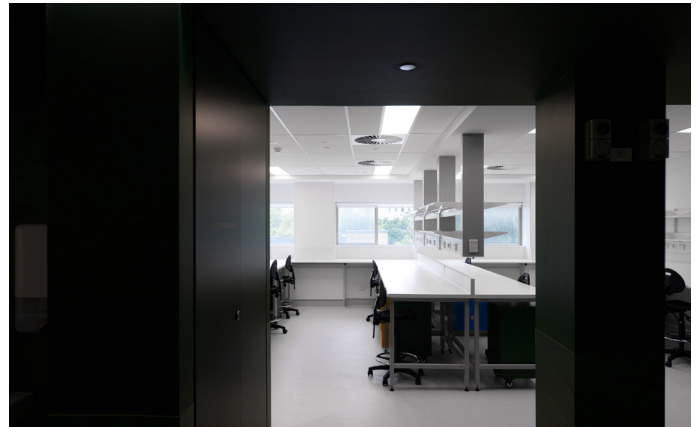
340m²

DURATION

5 Months

COMPLETED

May 2021



UoMFR BN181 Medical Building – Level 6 North Wet Lab Refurbishment

arete Australia was engaged by the University of Melbourne to complete the refurbishment of their Level 6 wet laboratory spaces within the medical building as part of the framework agreement.

This project involved the refurbishment of the North section of Level 6 in the Medical Building (BN181) to provide wet and specialist labs and associated write-up/office areas for the Faculty of Medicine, Dentistry and Health Sciences.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Refurbishment

CLIENT

The University of Melbourne

KEY CONSULTANTS

DesignInc
WT Partnership
Aurecon
PLP

VALUE

\$4,800,000

PROJECT SIZE

880m²

DURATION

10 Months

COMPLETED

February 2022



The University of Melbourne
BN122, L2, Microbio
Symbiosis Laboratory (MSL)

arete Australia completed the full strip out of an existing lab with a mezzanine office level within the University of Melbourne's Building 122. A new BC2 compliant laboratory was created on level 1 with an office space on the mezzanine.

The fit out included all new partitions ceilings, internal walls and doors. Full services upgrades including; mechanical, lab gases, electrical, hydraulic and fire. New joinery, overhead units, service ducts and cabinetry was installed throughout.

To ensure compliance with the PC2 authority we installed two ante rooms and air locks.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Refurbishment

CLIENT

The University of
Melbourne

KEY CONSULTANTS

Scarborough Architects
Slattery Australia
Umow Lai
Design Guide Building
Surveyors

VALUE

\$1,117,000

PROJECT SIZE

214m²

DURATION

4 Months

COMPLETED

July 2020



The University of Melbourne Department of Optometry and Vision Sciences

arete Australia completed the 4,600m² refurbishment of the University of Melbourne's Department of Optometry and Vision Sciences (DOVS) Building.

The DOVS refurbishment project was one of the first projects to be delivered by arete Australia under the University of Melbourne Framework agreement.

The building, which previously consisted of physiotherapy labs, lecture theatres and workspaces was demolished and transformed into one of the state's most advanced Optometry and Vision Education centres.

The \$18.5 million project consisted of new Optometry teaching labs, treatment rooms, Nursing simulation labs, new Mechanical, Fire protection, hydraulic, electrical and AV services.

KEY PROJECT DETAILS

Education - Tertiary
Design & Construct
Private
Refurbishment

CLIENT

The University of Melbourne

KEY CONSULTANTS

Broadspectrum
Aurecon
Hassell
WT Partnership

VALUE

\$18,500,000

PROJECT SIZE

4,600m²

DURATION

10 Months

COMPLETED

June 2020



The University of Melbourne Bio21 Level 4 Refurbishment

arete Australia completed the Bio21 Level 4 Laboratory fitout on the west wing of the David Penington Building (B102) for The University of Melbourne. We worked collaboratively with the project consultants Scarborough Architects and Umow Lai to complete the project.

The scope of works included supply and installation of a new coolroom, new benches, sinks, removable overhead shelving and new joinery; as well as alterations to existing Lab Gases and removal/make-good of fume cupboards.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Fit-out

CLIENT

The University of
Melbourne

KEY CONSULTANTS

Scarborough Architects

VALUE

\$540,000

DURATION

3 Months

COMPLETED

June 2020



The University of Melbourne BN 400

arete Australia completed the refurbishment and redevelopment of the veterinary pre-clinical science labs at the University of Melbourne's Parkville Campus.

The project delivered across five floors included the refurbishment of the staff rooms, meeting room, Parasitology and Veterinary laboratory, Inflammation and metabolism laboratory, Wet lab Research, staff rooms, meeting room, amenities.

The refurbishment addressed the regulatory shortcomings of the existing laboratories, which were deemed non-compliant with current PC2 regulations.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Refurbishment

CLIENT

The University of Melbourne

KEY CONSULTANTS

Merat Architects
Lucid Consulting

VALUE

\$1,660,000

PROJECT SIZE

1,032m²

DURATION

4 Months

COMPLETED

March 2020



The University of Melbourne BN183 Howard Florey Zebra Fish Facility Main Works

The University of Melbourne engaged arete Australia to complete the PC2 containment laboratory for the study of Zebra Fish.

Located within the Howard Florey Building, arete completed the complete demolition and strip out of the existing laboratory.

Major items removed were the MRI Machine, the MRI Steel Encasement and the Gatic Hatch.

The fitout works included installation of new sewer pipe works, mechanical and electrical services, mechanical plant room, Tecniplast CLS plant room, fish tanks, reverse osmosis plant, wash up area, emergency shower, micro injecting room, new vinyl floor and work benches and furniture.

The project team added value to this project through proactive communication with the consultants.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Refurbishment

CLIENT

The University of Melbourne

KEY CONSULTANTS

Brand Architects
Slattery Australia
Wallbridge Gilbert Aztec
Abdec Group

VALUE

\$1,065,000

PROJECT SIZE

167m²

DURATION

4 Months

COMPLETED

February 2020



The University of Melbourne Clinical Sciences Building

arete Australia was engaged by the University of Melbourne to complete renovation works on Levels 3 to 6 within the Clinical Science Building.

The aim of this refurbishment was to deliver functional, PC2-compliant and OGTR-certifiable Laboratories for the Faculty of Medicine, Dentistry and Health Sciences.

The project saw the delivery of 15 PC2 compliant labs and all associated administration and amenities spaces, along with the strip out and install of extensive services.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Refurbishment

CLIENT

The University of
Melbourne

VALUE

\$2,125,000

DURATION

6 Months

KEY CONSULTANTS

Merat Architects
Wood and Grieve Engineers

PROJECT SIZE

1,506m²

COMPLETED

January 2019



The University of Melbourne Food Sensory & Meat Testing Facility

arete Australia was chosen to complete the University of Melbourne's Food Sensory and Meat Testing Facility (FSMT). The integrated fitout of 610m² was located on the ground floor level of Building 184 at the University's Parkville Campus.

The fitout included the installation of sandwich panel Cold Rooms, Freezer Rooms, and a Commercial Kitchen. Testing facilities included briefing and group tasting rooms that can be combined through operable walls with the Sensory Laboratory. Separate meat testing, Anteroom, Dry

Lab Cold and Freezer Room for the Meat Laboratory completes the overall floor plan.

The Sensory Laboratory included individual testing pods with integrated pass through hatches from servery areas for individual trials, assessments and question and answer time during testing sessions.

Mechanical, electrical and hydraulic systems, stainless steel benches and full vinyl floors completed the PC2 equivalent standards.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Fitout

CLIENT

The University of Melbourne

KEY CONSULTANTS

Merat Architects

VALUE

\$2,700,000

PROJECT SIZE

610m²

DURATION

4 Months

COMPLETED

December 2016



CSIRO Quality Control Laboratory

arete Australia have once again been selected to complete refurbishment works for national science and research agency CSIRO.

The project will see the creation of a quality control laboratory for the Clayton campus. Works include demolition (including hazmat), new roof structure tied into existing roof purlins to support new mechanical and hydraulic services. New back up generator for electrical services. All to serve a PC2 laboratory environment.

To support products produced in the CSIRO cGMP Biologics Facility and current NCRIS Facility, CSIRO is seeking to deliver a purpose-built PC2 Quality Control Laboratory (QCL) to provide quality control (QC) for manufacturing and release of investigational drugs and vaccines.

KEY PROJECT DETAILS

Science & Research
Lump Sum
Government - Commonwealth
Refurbishment

CLIENT

CSIRO

VALUE

Undisclosed

DURATION

5 Months

KEY CONSULTANTS

L2D Architects
Donald Cant Watts Corke
Stantec
Steve Watson & Partners

PROJECT SIZE

280m²

COMPLETED

December 2022



CSIRO Clayton Campus B201

arete Australia was engaged to by CSIRO to complete the refurbishment of B201 at their Clayton Campus.

The existing ground floor laboratory in B201 Clayton was demolished to create a PC2/OGTR tissue culture laboratory.

The project also included the refurbishment of level 2 of their Building 201 laboratory spaces to create a new Central Wash and Media Prep, accommodate for two large autoclaves and removal of asbestos facade material on levels 1 and 2 of the west wing (B201).

KEY PROJECT DETAILS

Science & Research
Lump Sum
Government - Commonwealth
Refurbishment

CLIENT

CSIRO

KEY CONSULTANTS

L2D Architects
Donald Cant Watts Corke

VALUE

Undisclosed

PROJECT SIZE

920m²

DURATION

6 Months

COMPLETED

June 2020



CSIRO Parkville Relocation

arete Australia was engaged to complete stage two of the B201 refurbishment project for CSIRO. The Parkville Relocation project included the fit out of Levels 1 and 2 of CSIRO's BN201 at their Clayton Campus and the partial refurbishment of Building 002 at their Werribee Campus.

The spaces within B201 now house fit for purpose manufacturing PC1/ PC2 / OGTR works. Completed across two sites, Clayton and Werribee the project included the installation of a new external façade, upgraded research areas, cold rooms, equipment rooms, meeting rooms, an incubator room to mention just a few.

KEY PROJECT DETAILS

Science & Research
Lump Sum
Government - Commonwealth
Refurbishment

CLIENT

CSIRO

KEY CONSULTANTS

L2D Architects
Donald Cant Watts Corke

VALUE

Undisclosed

PROJECT SIZE

2,400m²

DURATION

Undisclosed

COMPLETED

Current



ANSTO ADS Beamline Building Extension

arete Australia was engaged to complete the ADS beam line building extension for ANSTO at their Synchrotron Facility in Clayton, Victoria.

The project scope includes the construction of a new external laboratory outhouse to service the new ADS beam line.

The new building will tie into the existing perimeter of the main facility. In ground works, new structure and slab work, landscaping, civil are all required to complete these works.

KEY PROJECT DETAILS

Science & Research
Lump Sum
Government - Commonwealth
Refurbishment

CLIENT

ANSTO

KEY CONSULTANTS

DesignInc
Spencer Group Engineering
SWA Consulting
BRT Consulting

VALUE

\$1,881,709

PROJECT SIZE

1,000m²

DURATION

TBD - Current Project

COMPLETED

TBD - Current Project



Ground Floor Pod Infill ANSTO Synchrotron Clayton

arete Australia was engaged to complete and new ground floor laboratory space with an adjacent storage facility. These two spaces then connected back into the main Synchrotron building via two separate service corridors.

The new Ground Floor Pod Infill project involved building these new spaces underneath and existing POD annex off the main Synchrotron building.

Our scope also included creating a new emergency exit stairwell from the existing upper POD (office) area; Extending the existing asphalt service road to create a new loading zone for trucks making deliveries to the new storage area; re-routing existing stormwater and in ground services affected by the new construction; and extensive services throughout to service a PC2 ready laboratory

KEY PROJECT DETAILS

Science & Research
Lump Sum
Government - Commonwealth
Refurbishment

CLIENT

ANSTO

VALUE

Undisclosed

DURATION

6 Months

KEY CONSULTANTS

Construction & Building
Design
Pariden Consulting
Engineers Pty Ltd

PROJECT SIZE

400m²

COMPLETED

February 2021



Swinburne University Concrete Printing Labs

arete completed the fitout of a lab space for Swinburne University at the ATC building in Hawthorn, in preparation for the installation of a state of the art 3D concrete printer.

A high level of coordination was required to ensure the newly installed building services are compatible with the equipment being installed. Services works undertaken include extensive electrical, exhaust air, hydraulic, and mechanical installations.

To manage the silt and solids generated in

the concrete printing process, large silt pits with drainage to below were required to be installed into the lab area's suspended slab. This required large steel beams to be installed under the slab in an occupied lab area. This required a high amount of coordination and consultation with the client, and a large logistical effort was required to not only transport the large beams into the works area, but also install them to the underside of the suspended slab around a large amount of existing services.

KEY PROJECT DETAILS

Education - Tertiary
Lump Sum
Private
Fitout

CLIENT

Swinburne University of
Technology

KEY CONSULTANTS

H2o Architects

VALUE

\$500,000

PROJECT SIZE

281m²

DURATION

4 Months

COMPLETED

September 2018

