



Building solutions. Building relationships. Building communities.




P2
Infrastructure

A Joint Venture

 Palladium
MAKE IT POSSIBLE

 Pensar
The Infrastructure People

Building positive impact

P2 Infrastructure is a partnership between the Palladium Group and Pensar Infrastructure – two companies with Australian origins, strong connections to the Asia-Pacific Region, and longstanding traditions of collaboration and creating positive impact.

P2 presents a unique combination of skills and the capacity to deliver critical community infrastructure throughout the Asia-Pacific.

Our key people are leading experts in their fields who bring extensive experience in creating infrastructure that is fit for purpose and delivers enduring benefits for our clients and their communities.

P2 is building positive impact in health, water, sanitation, transport, education, energy, telecommunication and national security.

AIFFP Head Contractor Panel

P2 is a member of the head contractor panel of the Australian Infrastructure Financing Facility for the Pacific.

Selection criteria emphasise the AIFFP values – quality, gender equality and social inclusion, use and upskilling of local labour and private sector, being responsive to the needs of partner governments, climate and disaster resilience and applying appropriate safeguards.



Our capabilities

P2 Infrastructure presents a unique and dependable capability that aligns with the needs and objectives of the clients, communities, governments, nations, funding bodies and development initiatives we represent.

What we do

We have the experience and expertise to deliver infrastructure solutions in key sectors and applications:

- water and wastewater
- ports and harbours
- roads and bridges
- airports and airfields
- energy and telecommunication
- building and civil.

We have the proven ability to deliver across various procurement models:

- project management
- early contractor involvement
- design and construct
- design only
- construct only
- head contractor
- operation and maintenance.

How we work

Central to our work is our capacity to engage early with the client and community – conducting the groundwork that enables us to develop unique solutions specifically tailored to the implementation environment of each project.

Early engagement enables us to align financial, social, cultural and environmental objectives with dependable project outcomes:

- tapping local expertise
- establishing supply chains
- building logistics frameworks
- mitigating risk
- optimising solutions
- realising potential
- minimising maintenance
- maximising durability and endurance.

Our foundations



Palladium brings more than 50 years of experience throughout the Asia-Pacific Region and globally. With teams on the ground in more than 90 countries, Palladium combines global reach with local knowhow.

Palladium works with governments, NGOs, industry, investors and communities to respond to the world's most pressing challenges.

Since 1965, Palladium has built partnerships, formulated strategies, mobilised capital, and implemented large-scale programs that have a lasting social and economic impact – transforming societies, economies and lives.

Palladium has a long and successful working relationship with the Australian Government and Department of Foreign Affairs and Trade, delivering programs and projects throughout the Pacific. Palladium has a longstanding and continuing local presence in many Pacific nations.

thepalladiumgroup.com



Established in Brisbane in 2000, Pensar has built an enviable reputation for designing and delivering dependable community infrastructure for complex projects, challenging sites and remote locations, onshore and offshore. To date, Pensar has delivered projects in excess of \$1.2 billion in value throughout Australia and the Torres Strait.

Pensar creates multidisciplinary solutions that deliver broad and enduring benefits for clients and the communities and stakeholders they represent. Every Pensar project is built on a foundation of community engagement, environmental stewardship, climate resilience and lifecycle management.

Pensar has delivered quality capital infrastructure projects for all levels of government and industry, across many sectors, including water, wastewater, energy, marine, transport, telecommunication, building and civil developments.

Pensar's corporate office is based in Brisbane, with regional project offices throughout Queensland, New South Wales and Tasmania.

pensar.com.au

Our people



Christopher Hirst
 Managing Director and CEO
 Palladium Group

Christopher Hirst has been with Palladium for more than 20 years, driven by his passion for social change and his commitment to the growth of the company and its impact.

Prior to his role as CEO, Christopher served as Managing Director of Strategy and Corporate Development. He oversaw Palladium’s Middle East division for nine years and was seconded as CEO and Board Director of the Abu Dhabi Farmers’ Service Centre.

Christopher has held senior management roles on numerous projects around the world, including Australia, the United States, Zimbabwe and Papua New Guinea.

“

Palladium and Pensar share a similar culture – we work collaboratively to address complex challenges and deliver positive impact for our clients and communities. Pensar has the technical expertise and multidisciplinary construction capability. Palladium has the networks and global program implementation experience. P2 is a unique partnership with the capacity to deliver successful community infrastructure throughout the Pacific.

”



Karl Yunker
 Managing Director
 Pensar

As the founder and Managing Director of Pensar, Karl Yunker has steered the company from its origins in civil construction and urban development to designing and delivering sophisticated infrastructure solutions to serve the changing needs of government, industry and community – projects totalling more than \$1.2 billion to date.

Prior to establishing Pensar in 2000, Karl built an extensive career in infrastructure, mining and property development, working with leading civil, contracting and construction companies across Australia.

Based in Brisbane, Karl maintains an active role in the day-to-day operation of Pensar, its clients and projects. The founding principles of collaboration and building mutually rewarding relationships continue to drive Pensar and its work today.

“

Palladium has an admirable capacity to connect and work with governments and communities globally, meeting logistical challenges and delivering social change. Pensar has the technical capabilities and connections to build innovative solutions to community infrastructure challenges. We both think big. We both appreciate the bigger picture. P2 is the perfect partnership for delivering community infrastructure, building positive change and making a difference in the Asia-Pacific.

”

Our people



Brad Richardson
CEO, Infrastructure
Palladium

Brad Richardson brings 30 years of experience in the construction industry with a focus on consulting project management, delivering major civic, hospital and health infrastructure projects.

Brad has worked with all levels of government across health, defence, education, Indigenous tourism and social infrastructure initiatives.

He is deeply committed to sustainability and is known for driving high performing teams and clients toward common goals.

“

Pensar brings a high level of expertise and sophistication as construction specialists delivering complex civil work and infrastructure projects. They're not afraid of dealing with logistical challenges. Pensar is a logical fit for Palladium. We share a passion for understanding clients and working together to deliver enduring results.

”



Michael Bissett
Director, Regional and Offshore
Pensar

Michael Bissett is a widely experienced construction professional with a long list of complex, multidisciplinary infrastructure projects to his name.

Mike brings a wealth of knowledge and experience in water and wastewater, dredging and land reclamation, coastal protection and rehabilitation, roadways, ports and airfields.

He has delivered successful projects throughout the Asia-Pacific Region, including Fiji, Hong Kong, Indonesia, Malaysia, Papua New Guinea, Tuvalu and Vanuatu.

“

Palladium and Pensar provide distinct yet complementary skill sets. We have proven expertise and strong reputations for working collaboratively, bringing visions to reality, managing risk and realising potential. Wherever we work, whatever we do, we work respectfully and constructively with the local community and environment to build quality solutions that deliver lasting benefits for all stakeholders.

”

Our people



Sally Falls
 Director, Infrastructure
 Palladium

Sally is passionate about making positive impact and delivering community-focused solutions – adding value and leaving a lasting positive legacy in every community in which we work.

With a background in the delivery of major health infrastructure projects and mixed-use developments, Sally is adept at leading teams and diverse stakeholder groups through a complex and challenging landscape, towards a shared vision and goals.

Her strategic approach to delivery, and unwavering focus on adding value to the community, ensure that funding objectives and community needs remain at the forefront of infrastructure project delivery and decision making.

“

With the combination of Palladium and Pensar, we have a unique opportunity in the infrastructure space in the Pacific Region to deliver community-based solutions which add value to the local community each and every step of the way.

”



Samantha Miezio
 Communications and Stakeholder Manager,
 Regional and Offshore
 Pensar

Samantha brings more than 25 years of experience in business, project and program management. She has applied a systematic approach to successfully manage international development and Australian government programs, involving a suite of cross-discipline activities.

Samantha has worked across industry, throughout Australia, New Zealand and the Pacific, delivering product development and solution implementation, service delivery model design and implementation, infrastructure and construction, and international aid programs.

“

Palladium has the network, knowledge and experience throughout the Pacific, and a track record for broad stakeholder engagement. Pensar has the technical experience, connections and capabilities to deliver complex, multidisciplinary infrastructure projects in challenging and sensitive environments. P2 Infrastructure is uniquely positioned to deliver well considered and lasting solutions for community infrastructure.

”

Our people



Jay Jameson
Senior Manager, Infrastructure
Palladium

Jay brings extensive experience in delivering infrastructure projects for the Pacific Region, across multiple sectors, including health, education, civic, maritime, commercial and aviation. Jay has led multidisciplinary teams and managed complex stakeholder groups in ensuring local communities are well considered and thoroughly engaged throughout the development of infrastructure projects.

As an infrastructure specialist with Pacific Island heritage, Jay appreciates the critical social, cultural and environmental considerations involved. Having worked with clients including DFAT, MFAT, World Bank and Asian Development Bank, Jay has developed infrastructure solutions that not only serve local communities, but also maximise local opportunities for learning and participation.

“

P2 uniquely merges the capabilities of infrastructure consultants and infrastructure implementers. Our multisector experience across the full project lifecycle enables us to deliver solutions that are innovative, cost effective and fit for purpose. Our people deliver complex infrastructure projects in challenging and remote locations throughout the Asia-Pacific. The solutions we deliver respond to the requirements of both international authorities and local communities – making a positive impact and building prosperity.

”



Samantha Samuels
Quality, Environment and Systems Manager
Pensar

Samantha Samuels is a widely experienced integrated management systems professional who responds proactively to the unique demands of each project and site.

Samantha has a comprehensive appreciation of quality, environmental management and work health and safety systems as they relate to complex infrastructure and civil construction, particularly for regional communities and remote locations.

“

Robust management systems are fundamental to everything we do at Pensar. Having a passion for sustainability and the circular economy keeps these front of mind during management plan development – particularly for regional, remote and offshore projects. Pensar has a track record for accountable and dependable project delivery.

”

Our people



Jeremy Goodacre

Project Manager, Regional and Offshore
Pensar

Jeremy Goodacre brings a wealth of experience in project, construction and site management for complex infrastructure and civil developments, across regional, remote and offshore locations.

A committed team leader, Jeremy has built a reputation for managing complex logistics, negotiating project and site challenges, maintaining the highest standards of safety and quality, and delivering successful outcomes for every project, client and community.

“

When you work with Pensar you wear many hats. Our people have the capabilities, skillset and mindset to tackle the tough jobs and explore new shores. We value the broad scope. We go the distance. Our people are always up for a challenge and happy to take it on regardless of their role. We welcome the opportunity to grow and develop. We exceed expectations. We deliver dependable solutions.

”



Andrew Vigilante

Health, Safety and Environment Manager
Pensar

Andrew Vigilante is a vigilant and highly qualified health, safety and environment manager.

He has a background in HSE implementation, policy development, risk mitigation, human resource management and stakeholder engagement across the construction and mining sectors.

Andrew is a proactive leader in delivering organisational change and capability development to enhance safety and productivity, delivering sustainable results.

“

Maintaining a safe and healthy workplace is essential for our organisational productivity, our personal wellbeing and the success of our projects. Safety today protects our prosperity tomorrow. Pensar has an unwavering commitment to the highest HSE standards – for the mutual benefit of our people, our clients, the work we do and the communities in which we work.

”

Our work



Tabaka Tourism Centre, Solomon Islands.



Skills for Economic Growth (S4EG)

Location: Solomon Islands
Client: Department of Foreign Affairs and Trade
Duration: 2019
Value: AU\$16.4 million

Palladium was contracted to strengthen the capacity of post-secondary education and training systems in Solomon Islands. As part of the program, Palladium delivered a series of construction-related services, including:

- rural training centre in Malaita Province
- tourism and hospitality facility at Tabaka Rural Training Centre in Western Province
- student resource centre
- multipurpose automotive centre of excellence
- refurbishment of multiple dormitories
- training facilities such as hospitality kitchen at DIVIT rural training centre
- fit-out of additional office spaces at Solomon Island National University.

Vanuatu Australia Policing and Justice Program

Location: Vanuatu
Client: Department of Foreign Affairs and Trade
Duration: Ongoing
Value: AU\$67 million

Palladium is contracted to deliver improved policing, justice and community services in Vanuatu. As part of the program, Palladium delivered a series of construction-related services, including:

- 3D modelling of Port Vila Central Police Station
- conceptual designs for Supreme Court
- designs for provincial police stations
- construction of provincial police station in Lakatoro
- extension of Public Solicitors Office
- refurbishment of Port Vila and Santo Professional Standards Units
- oversight for Australian Defence Force renovations for Vanuatu Police Force Northern
- rectification of Tropical Cyclone Harold damages.

Our work



Hammond Island Water Reticulation

Location: Hammond Island, Torres Strait
Client: Torres Strait Island Regional Council
Duration: February – April 2020
Value: AU\$1.5 million

Pensar was engaged to upgrade critical and heavily dilapidated water infrastructure on Hammond Island in the Torres Strait – negotiating a remote site with limited access and resources, cyclonic conditions and pandemic travel restrictions.

- Labour and materials were locally procured wherever possible.
- Training and equipment were provided to enable local servicing and maintenance.
- Upgraded polyethylene pipeline construction ensures long-term durability, serviceability and water saving.
- Specialised materials and equipment were procured in advance and shipped via Cairns.
- Monitoring, sampling and testing were conducted remotely to comply with all project and client requirements.
- Waste and excess materials were removed from the island and recycled, minimising impact on the local environment.
- Careful consultation with local elders and cultural engagement officers ensured cultural heritage safeguards were maintained.
- A strong rapport with the local community built rewarding and lasting friendships.
- The project was completed six weeks ahead of schedule.

“I highly commend the Pensar team for their hard work throughout the Hammond Island water reticulation project. Their ‘out of the box’ problem solving negotiated a cyclone and a pandemic to ensure the success of the project. The site team were always welcoming and supportive of the local community. The project has been a great success for TSIRC and I welcome the opportunity to work alongside Pensar again.”

David Stevens
 Senior Project Engineer
 Torres Strait Island
 Regional Council

Our work



Wamuran Recycled Water Irrigation Scheme

Location: Wamuran, Queensland

Client: Unitywater

Duration: 2019 – ongoing

Value: AU\$61 million

Pensar has spearheaded a groundbreaking water recycling and sustainable irrigation strategy for a rapidly developing population centre and agricultural region in South-East Queensland.

- The scheme sees Pensar designing and building a 22 km pipeline network and pumping infrastructure to deliver some 2.6 gigalitres of Class A water per year to the region's growers.

- Pensar led the initiative as a joint venture with local growers, then assembled a specialist team to work with Unitywater to develop the concept.
- The scheme provides local growers with climate-independent irrigation and critical water security, promoting investment and stimulating growth for the local industry and community.
- The scheme provides Unitywater with an efficient solution for water reuse and sustainable irrigation.

“The Wamuran Irrigation Scheme is a great demonstration of how working with local industry and rethinking how we use and reuse resources can deliver sustainable infrastructure solutions for high-growth urban areas – and mutual benefits for our communities, utilities and the world we live in.”

Michael Bissett,
Pensar

Our work



Health and Education Procurement Facility

Location: Papua New Guinea
Client: Department of Foreign Affairs and Trade
Duration: 2014 – 2018
Value: AU\$270 million

Palladium was responsible for head contract and subcontract management of one of the largest procurement agencies of essential social infrastructure across Papua New Guinea. The program delivered works, services and equipment across the country’s health and education sectors on behalf of the Department of Foreign Affairs and Trade. It created unprecedented improvements in health and education infrastructure in some of the most remote locations throughout PNG.

- AU\$65 million in education resources, including 370 classrooms, 165 teacher’s houses and 347 ablution facility packages in 187 schools across 14 provinces.
- AU\$40 million in health resources, including refurbishing 16 health facilities, distributing medical supplies, and designing/scoping works for 39 rural health facilities across 14 provinces.
- AU\$1.45 million in gender equity and special health funds, including three family support centres across three provinces.



Vanuatu Social Infrastructure (RAPID)

Location: Vanuatu
Client: Department of Foreign Affairs and Trade
Duration: 2020
Value: AU\$550,000

The RAPID program (Recovery Acceleration through Prefabricated Infrastructure Deployment) was developed to explore kit solutions that could be used by the Australian Government to assist in the response to natural disasters.

- Two basic primary school double classroom buildings were constructed.
- Palladium managed the design process, delivering value for money outcomes for DFAT.
- Palladium also managed the local stakeholder inputs and engaged a local construction company to build the kit buildings.

Our work



Barwon River Fishways and Weir

Location: Geelong, Victoria

Client: Corangamite Catchment Management Authority

Duration: March 2020 – June 2021

Value: AU\$7 million

Pensar was engaged to design and construct two fishways and refurbish an existing tidal barrage weir on the Barwon River – maintaining water levels in the river and wetlands, protecting biodiversity and improving water management.

- An existing tidal barrage weir was decommissioned and redeveloped.
- A cone fishway was developed at the Barwon River tidal barrage site.

- A vertical slot fishway was developed at Reedy Lake.
- Innovative use of technology and materials – such as fibre reinforced polymer sheet piling – delivered substantial project improvements and savings.
- All works were completed in accordance with stringent environmental management specifications, maintaining existing water levels and tidal flows.
- Pensar worked closely with the Corangamite Catchment Management Authority, specialist consultants and the local community to deliver successful outcomes for a project of considerable public interest and ecological significance.

Our work



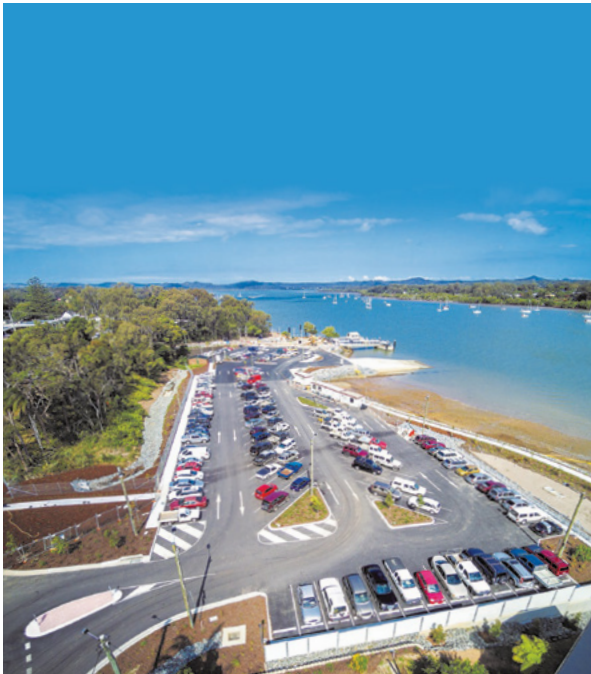
Walgett Weir Raising and Fishway

Location: Walgett, New South Wales
Client: Walgett Shire Council
Duration: January 2020 – January 2021
Value: AU\$6.65 million

Pensar was engaged to upgrade the Walgett Weir on the Barwon River, raising the previous weir level by one metre. Essential to the project was the construction of a fishway to facilitate upstream fish migration at this priority site in the Murray-Darling Basin

- The raising of the Walgett Weir provided the local community and agricultural industry with greater water supply and drought security through increased storage and improved infrastructure.
- A 31 slot vertical fishway addressed a priority site for fish migration and conservation in the Murray-Darling Basin.
- The project also involved upstream flood mitigation works and the removal of the Namoi Weir.
- Pandemic travel restrictions and the local harvest season posed challenges for securing labour and subcontractors.
- Quarry materials were not available locally so had to be sourced and hauled from other regions.
- Despite record flooding and unseasonal weather, the project proceeded with minimal delay.
- Careful management of construction activities ensured minimal impact to the riverbank and water flow.
- Given the impact of drought in recent years and growing public concern about river health, water quality and fish diversity, the project was of crucial importance for Walgett Shire Council and the local community.
- Pensar built strong working relationships with the client, community and industry to deliver far-reaching benefits for the region.

Our work



Macleay Island Marine Landing Facility

Macleay Island, Queensland

Redland City Council

July 2017 – July 2018

AU\$6 million

Pensar delivered an upgrade of the Macleay Island foreshore precinct to provide a dedicated ferry terminal, public boat ramp, parking, access roads and public amenities.

- A rock armour seawall was constructed to provide protection from tidal and storm surges.
- Extensive asbestos contamination across the 8000 m² site was carefully contained and removed.
- Acid sulphate soil was removed or safely managed onsite.
- 40,000+ tonnes of quarry materials were safely transported to the island by barge at a custom built landing facility.
- The existing ferry terminal remained operational throughout the project.
- A three-lane public boat ramp was constructed
- Parking facilities and access roads were substantially expanded and upgraded.
- Despite the heavy construction, hazardous materials and fragile setting, no safety or environmental issues were experienced.
- To mark the completion of the project, Pensar commissioned and installed a public artwork by a Macleay Island sculptor at the site.

“This is the largest single infrastructure project in the annual budget. The entire foreshore project has been designed to entomb any possible presence of asbestos. A formalised beach landing area will minimise the impacts of the expanded facility. Fully landscaped bio retention basins ensure that stormwater discharged from the site will be of the highest quality possible.”

Mayor Karen Williams
Redland City Council



Macleay Island Marine Landing Facility



A Joint Venture



P2 Infrastructure
Level 7, 307 Queen Street
Brisbane QLD 4000
+61 7 3025 8500
p2infrastructure.com.au