



Agonis Group

CAPABILITY STATEMENT

www.agonisgroup.com.au



Our story



“Our collective knowledge and risk mitigation framework ensure buildability, operability and maintainability”

Agonis Group is an independent, Australian-owned and operated infrastructure consulting organisation. Our team of experts, with vast industry experience and knowledge, provide advisory and technical services, specialising in constructability, planning and estimating, project interface management, asset management, sustainability, rail operational services, engineering, site surveillance and commercial management.

The name ‘Agonis’ comes from a native Australian tree known for its interconnected branches. Interdisciplinary collaboration sits at our culture’s core. Our people are infrastructure industry leaders, leveraging experience and networks across the public and private sectors. We are driven, knowledgeable, and well-respected construction and maintenance specialists. We know projects intimately from design, planning, procurement, delivery, operating and maintenance. We bring together the best infrastructure expertise for government and private sectors, whether large-scale projects or mission-critical assignments.

Our approach

WHAT WE DO

We are continuing to expand our Infrastructure Industry Network with combined domestic and global experience in infrastructure projects. We harness our collective knowledge and abilities to ensure quality results for our clients.

HOW WE DO IT

We leverage our industry construction and maintenance risk knowledge to provide integrated project constructability, operability, and maintainability solutions.

WHERE WE DO IT

Our team are construction and maintenance experts who leverage collective knowledge to provide better outcomes in the Water, Rail, and Road sectors.

“It’s important to us that we understand the challenges of our clients”



Concept Initiation - lead scope identification through the construction lens of early design optioneering, clearly defining scope, leading to robust business cases, sustainability objectives, and stakeholder risk strategy.



Planning & Procurement - fully develop risk strategy, budget & contingency, leading preliminary designs that are constructible, operable, and maintainable to meet identified stakeholder objectives, providing superior procurement outcomes through greater risk articulation and equitable allocation.



Delivery – Constructability Assurance within surveillance activity to manage safety, scope creep, cost, program, sustainability, and stakeholder issues whilst maintaining infrastructure service operability.



Completion – Facilitating efficient asset integration, acceptance, and hand-over through holistic operational and maintainability considerations, managed progressively since Concept Initiation.

Our value

We harness our systemised collective knowledge to support every assignment. We provide sustainable infrastructure solutions based on our hands-on construction and maintenance knowledge.



We **understand** the importance of projects being conceived, developed, and delivered efficiently.



We **enable** the construction of assets that yield optimal maintainability and operability, whilst aligning with life cycle considerations.



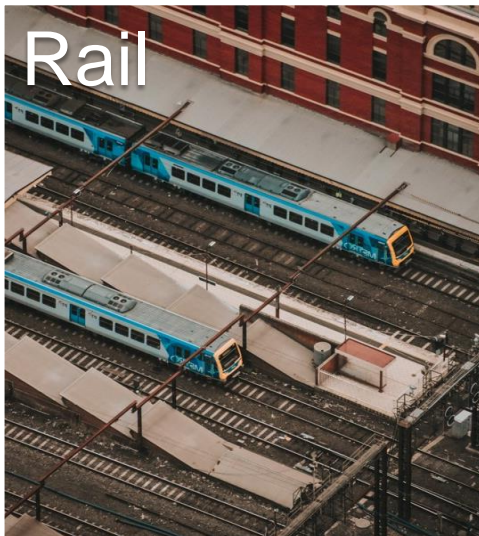
We **guide** our clients to find efficient and effective solutions that can be actualised by leaning on our collective knowledge of infrastructure development.



We **provide** interdisciplinary and stakeholder collaboration and wide-ranging skills spanning advisory and specialist technical services.

Creating collective success

Experience that spans multiple sectors



Agonis Group is the leading construction and maintenance provider on rail projects within Australia. Network upgrades, construction improvements, new stations and structures, utilities, tunnels and services management. We provide practical, strategic, and technical services, including constructability, maintainability, operability, risk assessment, and cost estimation. Our strong rail experience provides the foundation for the development of staging to minimise disruptions. Agonis Group is highly experienced in Renewal Maintenance, asset planning, and asset management strategies having led franchise bids and delivered programs.



Based on years of collective knowledge and experience, Agonis Group specialises in Road Infrastructure project constructability and technical advisory services. Agonis provides constructability, construction and delivery advice, high-level risk assessment, traffic management planning and SME technical advice, improving project outcomes for clients, contractors, and the community.

Agonis Group is the sole Constructability Advisor on the largest road project in Australia - North East Link Program.



Agonis Group offers the services of construction professionals who collectively have over 200 years of experience working in Australia and worldwide. Their skills in a complex environment include wastewater and potable water design and construction, pipeline construction in deep excavations and trenchless methods, dam design and construction, and large sewer projects. The team performs at their best when they assist in developing early design work and subsequently produce realistic construction programs and cost estimates reflecting contractors' tender submissions.

Interdisciplinary collaboration

Subject matter experts creating innovative solutions

Constructability, Planning and Estimation



At Agonis Group, we assist clients in providing a level of certainty that what is being tendered can be built, operated and maintained. Doing this results in a win-win for the project funder, contractor, operator, maintainer, and community.

We have a dedicated team who understand projects and have extensive experience in construction and front-end project development.

Our Subject Matter Experts provide whole-of-life project assurance by engaging early in the process and considering all implications across the asset development lifecycle, leveraging their hands-on knowledge.

Project Interface Management



At Agonis, we understand that controlling a project's interfaces is essential to achieving project cost, schedule and scope targets. We use a systematic methodology when working with multiple contractors, subcontractors and government bodies to mitigate interface-related risk. We develop an interface management process that enables us to identify critical interfaces, streamline communication, and monitor ongoing work progress early in the project. Our dedicated project interface management team unite parties and elements, working towards a common goal: the project's completion.



Interdisciplinary collaboration

Subject matter experts creating innovative solutions

“We help organisations change their thinking and behavior patterns to create value for themselves and their stakeholders.”

Asset Management



With the goal of extending the service life and improving the quality of existing infrastructure, Agonis Group focuses on the design, operation, maintenance, repair and replacement of assets. We assist our clients to achieve their delivery goals by optimising an asset's capacity and performance. We develop robust strategies and plans to prioritise maintenance management that ensures fit-for-purpose asset management, including risk-based decision-making, reporting, preventative and predictive maintenance and asset lifecycle optimisation.

Sustainability



Our mission is to help businesses create sustainable solutions that improve their everyday operations and increase value for sustainability. This will enable them to leave a lasting impact on their industry and the environment while putting a sustainable approach at the center of everything they do.

In partnership with Inti APAC, we believe that sustainability and success go hand in hand. We work to deconstruct barriers that stand in the way of a sustainable future, so that our clients can achieve their goals. We help organisations deliver projects that are more sustainable in terms of value and environmental impact.

Outcomes

Trust is just one of the things we build



Image from: Bell Street, Coburg - Victoria's Big Build

Client

MTIA Level Crossing Removal Project

Location

Victoria, Melbourne

Services

Project and Interface Management support

LEVEL CROSSING REMOVAL PROJECT

The Project and Interface Management and Constructability Streams have been engaged with Level Crossing Removal Program since its inception in 2015 on the \$20b program of work, supporting LXP through several different roles across the program through development and delivery. We have successfully developed and delivered multiple programs during this time by collaborating with the client and its alliance partners. Our services have ranged from design management and engineering support, interface management, project interface management, constructability, completions surveillance, rail subject matter experts, completions management and rail services.



GEELONG TO WAURN PONDS (STAGE 3) AND BENDIGO METRO (STAGE 4) LINE UPGRADES

Agonis Group was commissioned by Rail Projects Victoria (RPV) to provide Constructability Advisory Services for business case submissions across two key Regional Rail Revival projects: Geelong to Waurun Ponds (Stage 3) and Bendigo Metro (Stage 4) line upgrades.

Working collaboratively with RPV and the Technical Advisor, the Constructability, Planning and Estimating (CPE) team were instrumental in identifying significant value engineering opportunities. Adoption and realisation of the opportunities improved cost, program and disruption estimation, and ultimately surety of delivery of each major program of works.

Client

Rail Projects Victoria

Location

Victoria, Geelong to Waurun Ponds & Bendigo

Services

- Constructability and Options Analysis
- Design Review
- Project Interface Management
- Rail Operations Support

Outcomes

Trust is just one of the things we build



NORTH EAST LINK PROJECT

Agonis Group was engaged by the North East Link Project (NELP) Authority to provide constructability and technical advisory services during project procurement. The project is set to include a primary tunnelling package and four secondary packages, including connections with the Metropolitan Ring Road (M80) and Eastern Freeway (M3).

The relationship between Agonis Subject Matter Expert and the NELP team plays a crucial role in project-wide risk identification and cost reduction. It is expected that our involvement within NELP will continue to grow until project completion as Agonis continues to provide value-adding services.



BYRN ESTYN Water Treatment Plant

Agonis Group were engaged to support an E&I contractor during the delivery stage of Tasmania's largest Infrastructure project. Following the initial assignment, we were further involved in project and contract management and value engineering. Responsible for managing critical interface milestones, leading stakeholder management to influence the site productivity and achievement of contract timelines. Agonis assisted with the development and management of the ECI phase. This approach is key to identifying the anticipated complex construction and stakeholder risks and assisting with value management.

Client

NELP – North East Link Project Authority

Location

Victoria, Melbourne

Services

- Constructability
- Construction and Delivery Advisory
- High Level Risk Assessment
- Subject Matter Expert Technical Advice

Client

CPB/UGL/Taswater Alliance,

Location

Greater Hobart

Services

- Contract Development
- Value Management
- Client-side Project and Contract Management
- Construction Risk Management
- Systems Development
- Construction Surveillance
- Stakeholder Management
- Project Management
- Project Controls
- Contract Administration
- Delay and Claims Management



CONTACT US

GREG RUSH – NSW and NT

greg.rush@agonisgroup.com.au
0419 326 509

JOE ANGELUCCI - WA

joe.angelucci@agonisgroup.com.au
0419 582 383

KYLIE HUTH - QLD

kylie.huth@agonisgroup.com.au
0447 783 924

MITCHELL MCGARRY – VIC, TAS and NZ

mitchell.mcgarry@agonisgroup.com.au
0409 848 637

STRATTON KILLIS - SA

stratton.killis@agonisgroup.com.au
0413 889 196

MATT DI MARCO – INTI APAC

matt.dimarco@intiapac.com.au
0451 425 187



www.agonisgroup.com.au

© Agonis Group. 2022.