



protavia

Projects That Add Value In Australia

Protavia Pty Ltd
Level 3
10 Felix Street
Brisbane QLD 4000

GPO Box 2564
Brisbane QLD 4001

Ph: +61 7 3229 8622
Fax: +61 7 3229 8677



About Protavia

Protavia is an innovative Australian project development & investment company. We are privately owned with our head office in Brisbane.

Protavia is committed to adding value to Australian resources through large scale industrial projects that increase our export economy and national wealth. The ideals of the company are summarised within its name "Projects that Add Value in Australia" – Protavia.

Protavia focuses on industries where there is significant room to add to the value chain. Protavia seeks to create more value via further production in Australia before potential exportation occurs.

Protavia's main focus is in greenfield projects. However we also have a strong interest in brownfield developments and participating in Venture Capital or Private Equity transactions. Protavia acts on its own behalf as well as the lead developer for syndicates of investors. Investor syndicates currently include superannuation funds and high net worth individuals.

Protavia's staff have been carefully selected to allow for the array of skills and knowledge necessary for the development of Greenfield projects. Backgrounds include commerce, finance, banking, law, construction, engineering (civil and electrical), chemistry, process management and communications. Protavia also outsources some project specific skills via the use of specialised consultants. Protavia also recruits top industry experts to join the company during the development of projects, with the idea that they will stay with the project company after financial close usually in senior operating roles. This ensures that we have the necessary skills to undertake projects in a variety of industries.

Protavia is currently responsible for the development of the Penola Pulp Mill in the Green Triangle region of Australia and well as a number of fledgling projects not yet in the public domain.

Stakeholder Engagement and Communication

The Protavia team is committed to comprehensive consultation with community and other stakeholders for all development projects. Proper consultation enables our stakeholders to understand our projects and their impacts. It also provides communities a method by which they can add input and gain a sense of ownership in the project. It is important to involve communities early in the assessment process. They provide valuable input and make us aware of issues and/or concerns that need to be considered during the development phase.

To ensure that the community's thoughts are consistently understood and considered, Protavia conducts the following consultation activities for Projects:

- Public Information Sessions
- Community Reference Groups
- Production of newsletters and informational leaflets
- Provides points of contact for all inquires and consultation



Graham Chappel answering questions from Millicent residents Allison Chambers and Pip Rasenberg.

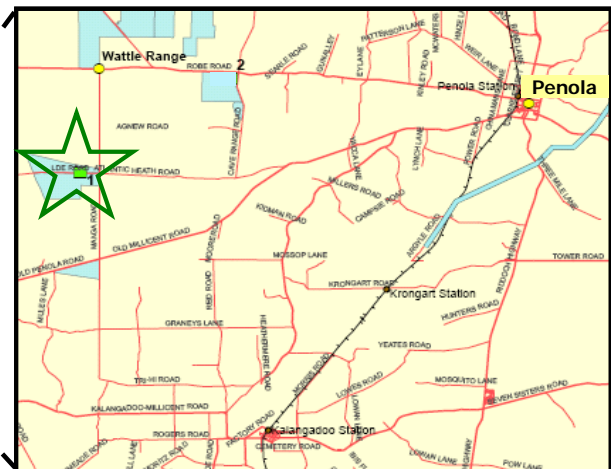
Penola Pulp Mill



The Penola Pulp Mill is Protavia's flagship project. The concept arose out of the fact that Australia is the world's largest exporter of woodchips, but is a significant importer of pulp and paper products.

The Penola Pulp Mill is the most environmentally sustainable development in the pulp and paper industry worldwide. It will be the world's largest bleached chemi-thermo mechanical (BCTMP) pulp mill and will pioneer the most economically efficient use of water in the pulp and paper industry world wide. Additionally it will be South Australia's most water efficient large scale business, with zero waste water leaving the site.

The Penola Pulp Mill is fully approved and legislated. It will create a significant export industry to meet the established and growing demand for mechanical pulp in the Asia-Pacific Region. The mill will consume in the order of 1.5 million green metric tonnes of woodchip annually to produce 735,000 air-dry metric tonnes (admt) of hardwood pulp. If exported as raw material these 1.5 million gmt of woodchips would generate approximately A\$160million in domestic revenue. Turned into pulp however, the same woodchip will generate approximately \$600million.



Our Team

Finance

Graham Chappel – Managing Director
Tom Frank – Director
Timothy Wonhof
Malia Chappel

Legal & Commercial

Kevin Lock

Project Development

John Roche – Director
Tim Evans
Peter Mead
Matt Kirk

Accounting & Administration

Wendy Murphy
Jacinta Emzin

Finance

Graham Chappel

graham.chappel@protavia.com.au

Graham is the founder and Managing Director of Protavia.

He began his career in Merchant Banking in Sydney in 1970 specialising in big ticket asset financing.

From 1972-78 Graham worked in London with European subsidiaries of a US big ticket leasing company. In 1979 Graham was appointed Vice President of American Express International Banking Corp. Here he established and managed the cross-border leasing activities of AEIBC covering Europe, Africa & Middle East from his base in London.

Graham then joined Dominguez Barry Samuel Montagu Limited (Sydney), now part of UBS Australia, as a Partner and Director in charge of structured finance and a member of the management committee.

Subsequently his career has broadened to include direct participation in real estate development and funding as well as development of industrial projects and companies.

Graham started Protavia in 2004 to undertake the development of projects to add value to Australian resources.



Tom Frank - Director

tom.frank@protavia.com.au

Tom has been a Protavia team member since August 2006. His roles include liaising and negotiating with financial institutions including investors, banks, investment banks and various technical advisers. Tom is responsible for assisting with raising the required finance for various projects. He deals solely with wholesale clients.

Tom has over 30 year's industry experience and he has held senior executive roles at Bank of America, Citibank and ANZ Bank. He completed his Bachelor of Commerce in 1968 at the University of New South Wales.

Timothy Wonhof – Associate

timothy.wonhof@protavia.com.au

Timothy joined Protavia at the beginning of 2007 as part of the Finance Team. The majority of his professional career has been spent in Chicago and London working as a financial derivatives trader for a proprietary trading group.

At Protavia he applies his knowledge of the market mechanism to project finance and infrastructure development.

Timothy graduated from Carleton College in 1993 with a bachelor's degree in history. He also holds a master's degree in financial economics from the University of Oxford.

Malia Chappel – Associate

malia.chappel@protavia.com.au

Malia joined Protavia in November 2006 after completing a Masters of Financial Economics at Oxford University. She also holds a Bachelor of Commerce from University of Queensland (Honour Roll).

Prior to commencing her postgraduate studies, Malia worked for Sinclair Knight Mertz in the International Aid division as well as for a Brisbane based development project group where she undertook market research and analysis as well as client consultation.

Within Protavia Malia works in the finance team and her responsibilities include financial modelling and analysis of projects, investor relations, budgeting and project finance.

Legal & Commercial

Kevin Lock

kevin.lock@protavia.com.au

Kevin joined Protavia in May 2006 as our Commercial & Legal Manager. Prior to joining Protavia, Kevin established a legal career from 1999 becoming a construction and infrastructure law specialist. As a senior associate in one of Australia's top tier national law firms, Kevin was responsible for negotiation, contract drafting and providing strategic legal advice in relation to large scale construction, engineering and infrastructure projects. Notable transactions included Eastlink (at the time the largest PPP (Public Private Partnership)) transaction closed in Australia, Waterfront City's mixed use development at Melbourne's Docklands, Motorola's Mobile Data Network and Metropolitan Mobile Radio projects, various rail projects for the Victorian government and a number of plant and equipment supply and install projects.

Kevin holds bachelor degrees in law and engineering (Monash University) and a post graduate qualification in construction law (University of Melbourne).

Project Development

John Roche - Director

john.roche@protavia.com.au

John has 30 years experience in business and project development and speciality sales in large engineering and chemical multinationals at senior management level.

He has many years of International experience, working in the United Kingdom, Germany, Hong Kong, Malaysia as well as Australia.

Previously his roles included project initiation and development in value adding industries such as sugar, wood fibres and mineral sands, the identification and development of chemical plants in Asia, and the development and marketing of speciality chemicals in the construction industry.

Within Protavia John is responsible for project origination, project team building, regulatory & environmental approvals and commercial contract negotiations.

John completed a Bachelor of Engineering (Civil) in 1978.



Tim Evans – Technical Manager

tim.evans@protavia.com.au

Tim has been part of the Protavia team since September 2006. Tim was brought in from overseas as a pulp industry expert after a lengthy career in the pulp and paper business. Tim's background has been in management with the Kraft and BCTMP industries in Canada since 1981 with a career that has spanned almost 3 decades.

With a degree in Chemical Engineering from the University of Calgary, process engineering experience, and senior management capabilities, Tim is well suited to help Protavia and Penola Pulp achieve its pulping design and manufacturing goals.

Tim will move on to manage the Penola Pulp mill once it is built and ready to operate.

Peter Mead – Project Services Expert

peter.mead@protavia.com.au

Peter joined Protavia in mid 2004, as our project services expert. Within Protavia his responsibilities include project establishment (approvals, land purchase and infrastructure development) and technical advice on project services such as delivery of water, gas, electricity and their surrounding contractual issues.

Peter started his career working in the engineering section of the RAAF for 20 years. He then spent 24 years working for the Queensland Electricity Commission and its associated companies in the area of power station project development. Peter was the Project Control Engineer for the construction of a number of large projects in Queensland including Callide 'B' Power Station and Stanwell Power Station. Peter also spent 4 years in the development of multiple small coal-fired and hydro electricity projects in Indonesia.

Matt Kirk – Project Development Manager

matt.kirk@protavia.com.au

Matt been part of the Protavia team since October 2005. He has an extensive background in chemical technology and water treatment development and provides comprehensive skills and experience in chemical and project management across large-scale, geographically diverse industrial operations.



Prior to working with Protavia, Matt had responsibility in the areas of Project Chemist and Product Management with the Pulp and Paper group at Orica Australia Pty Ltd from 1997 – 2005. There he was part of the team responsible for the laboratory and chemical development, identifying technical projects, water analysis, field work and the implementation of new bleaching technology. In this role he worked on two Greenfield pulp & paper projects where he provided strategic support services for chemical installation design, chemical procurement and research and development management.

Accounting & Administration

Wendy Murphy - Financial Accountant

wendy.murphy@protavia.com.au

Wendy started working in Protavia in October 2006. She has a Bachelor of Business and is a qualified Chartered Accountant.

Wendy has over 20 years experience, initially in Chartered Accounting before moving to commerce. She has worked in a variety of industries including hospitality, banking, insurance and health. Wendy has also worked within the government in financial accounting roles.

Wendy is responsible for all internal accounting functions including payroll/HR, accounts payable and cash flow and all compliance matters (GST, PAYG, FBT, state taxes, company matters) for Protavia and associated project companies.

Jacinta Emzin – Office Manager

jacinta.emzin@protavia.com.au

Jacinta joined Protavia in November 2007. She is responsible for all the day to day management and administration of our Head Office. Jacinta also acts as the first point of contact in her role of PA to the Managing Director.

Jacinta had 3 years of experience as a Personal Assistant to Company Directors before joining our team and has completed Certificates 1, 2 and 3 in Bookkeeping.