



PHRONIS
CONSULTING

RENEWABLES

Infrastructure



MINING | TRANSPORT | HYDROCARBONS | ENERGY | RAIL & PORT

PHRONIS CONSISTENTLY APPLIES INNOVATIVE THINKING & PRACTICAL KNOWLEDGE TO FIND THE BEST SOLUTIONS TO SUIT OUR CLIENT'S REQUIREMENTS

STATE OF THE ART

- Cloud-based organisation
- Globalisation services
- Leading tools & software
- Mixed cultures and languages
- Client Feedback
"Smooth Professionalism."
"This is exactly what we wanted."
- Innovative technical outcomes
i.e. world record conveyor lengths

AREAS OF EXPERTISE

- Renewable Energy Sources
- Dams and Reservoirs
- Distribution and Reticulation
- Innovation
- Asset Management
- Design Verification
- Tender Assessment

CURRENT PROJECTS

- **Chichester Solar Farm** –
60MW Solar PV power station,
transmission lines and substation
located in the Pilbara
\$165M Downer Utilities
- **Berrybank Wind Farm**
180MW wind farm with 43
generators, 60km South West
of Ballarat
\$276M Downer Group
- **Kwinana Waste to Energy**
36MW of grid connected green
energy generation. 400K tonnes of
waste processing every year
\$700M Acciona

PROJECT EXPERIENCES OF THE TEAMS

- Chichester Solar Farm
- Berrybank Wind Farm
- Kwinana Waste to Energy Plant
- Bundamba Advanced Water Treatment Plant
- Kogan Creek Power Station Solar Boost
- Wivenhoe Pumped Storage and small Hydro-Electric
- Callide Power Station Oxyfuel Carbon Capture and Storage
- Nam Theun 2 Hydropower
- Innamincka Hot Rocks Geothermal Power Plant
- Holt Street Gate Station Renewal Off-Grid Solar System Implementation
- Ramu 2 Hydro-Electric Feasibility Study
- Somerset Regional Council Facilities Solar Systems with Grid Connections
- Esk Grand Hotel Solar System with Grid Connection

FEASIBILITY

- Client representation
- Cost estimates
- Risk assessments
- Strategic planning
- Studies and options
- Project planning and management
- Environmental advice

DESIGN

- Electrical, Process, Mechanical, Structural and Civil
- Development of project drawings and documentation
- Project design and construction management

PROJECT DELIVERY

- Project Management
- Owner's team - technical & contractual advice
- Delivery strategy, team design and program scheduling
- Project planning and budgeting
- Project resources and costs optimisation

OPERATIONS

- Operational review and assessment
- Process optimisation
- Supply chain and cost efficiency
- Environmental investigations
- Vibration, noise and acoustics assessment and monitoring



Phronis Consulting is proud to partner with the following companies:



CONTACT: Shaun Nugent | +61 (0)7 3506 1100 | enquiries@phronis.com.au

Kings Row Office Park, Level 5, Building 2, 50 McDougall St, Milton, Brisbane QLD 4064 | www.phronis.com.au