

WACMS

WA Community &
Mining Services



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WACMS is a company established by Ross Lynch, an active member of the Menzies business community. Ross and his family are esteemed native title holder and well respected for their rigorous contribution towards growth of local community.

WACMS is established to support the communities and mining industry in WA. The goal is to encourage employment, skilled labour and better communities via business activities in WA. Our strength is our alliance with local service providers and their expertise in given area. It makes WACMS a complete solution for community and mining services.



VISION

We would like to play an instrumental role in the development of the WA regional community and mining sector. Our key role will be to provide world class service to mining sector, train and educate the local community and make them an important part of the growth journey.



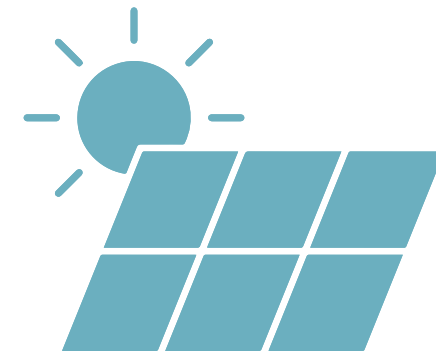
MISSION

To educate and train local community and develop skilled force which can grow into a self sufficient community.

***We specialise* in following industries**



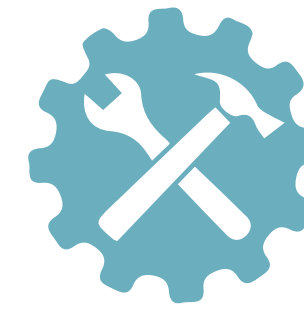
Earth Works



Solar



Irrigation



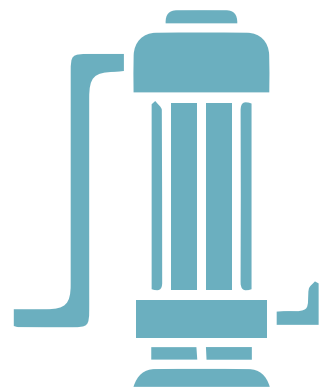
**Mechanical
Engineering**



**Electrical
Engineering**



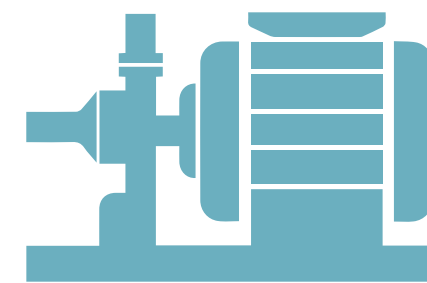
Maintenance



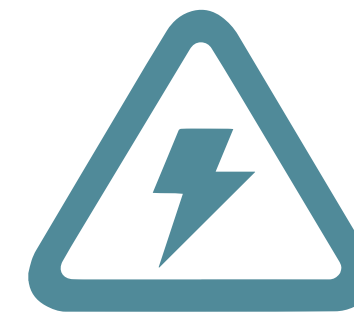
Dewatering



**Water
Filtration**



**Water
Pumps**



Lighting



**Water
Tanks**



**Camp-site
Construction**

Renewable Energy/ Solar Projects

WACMS will design, procure, install and maintain a solar project of small to major size. We can provide EPCM service for small solar water pump to a full size solar farm to cater a large community or mine site. Our in-house expertise can provide designing, electrical engineering, structure engineering, carbon offset studies, containerised Battery designing, maintenance contract and more.

Fraser Range – 100kw Off-grid project with 100kw battery back up.



SHORT CIRCUIT CURRENT
MAX DC VOLTS
HAZARDOUS D.C. VOLTS
SOLAR ARRAY
P1 Array Max Circuit Voltage with string 600
P2 Array Max Circuit Current with string 600
P3 Array Max Circuit Current 600A 600

Puraka
EUREKA



Lighting Projects

From specification to installation, we continuously tailor our process to Guarantee the best practice outcome. While there are fundamental milestones For any project, these are not set in stone but reflect the unique requirements Of your project, providing a seamless process from specification to installation. There is no cookie-cutter process here. Some of our work begins as design & Construct projects and evolves from the initial specification. Sometimes, there Is an opportunity for solutions that save money, reduce the ongoing energy Requirement, or maximise the lighting effect of the solution. When these Opportunities present, we offer them as alternative solutions. Specification Our typical pipeline of work. These projects begin with design practitioners Such as architects, electrical engineers or designers.

They include the full range of the process from conception, design and Specification to installation. Design and construct in these projects, we are requested to provide an alternative lighting selection to the available budget. In both streams of operation, we follow a careful process to ensure predictable Quality outcomes – one that is led by the demands and opportunities of a project, Rather than being dictated by a rigid structure.

Irrigation

Our scope of works includes designing and drilling bores for potable water, installing pumps, storage tanks and filtration systems, running kilometres of pipelines between sites and a host of other water-related functions.

We have a team of trained individuals for remote mining area.

WACMS can provide following services:

- Bore Drilling
- Bore Monitoring via satellite
- Potable water supply
- Process water
- Pipeline network design and installation
- Maintenance



Engineering

At WACMS, we offer a wide range of design and engineering services to meet the diverse needs of our clients. Our team comprises experienced and highly skilled professionals in various design and engineering disciplines.



WE SPECIALIZE IN...

Civil:

- Site Development
- Structural Design
- Utility Infrastructure Planning

Mechanical:

- 3D Modelling
- Customized Compressor and Pump Design
- Tank, Pressure Vessel and Heat Exchangers Design

Structural:

- Structural Analysis and Integrity
- Compliance with Building codes
- Robust and Reliable structural design

Electrical And Instrumentation:

- Electrical Circuits and System Design
- Single Line Diagrams, Wiring Diagrams, Lighting plans
- Electrical Infrastructure Layout
- Instrumentation Layout and SCADA systems

Civil:

- Piping Layout
- Process Flow Diagram (PFD)
- Piping & Instrumentation Diagram (P&ID)

Equipment Supply:

- Supply of Valves
 - Globe Valve
 - Gate valve
 - Check valve
 - Butterfly valve
 - Ball valve
- Supply of Fire Water Tanks
- Supply of Pumps and Compressors
- Supply of Variable Frequency Drives (VFD) and Enclosures
- Supply of LV and HV Electrical cables
- Distributor to ANZ Region for Baum Product

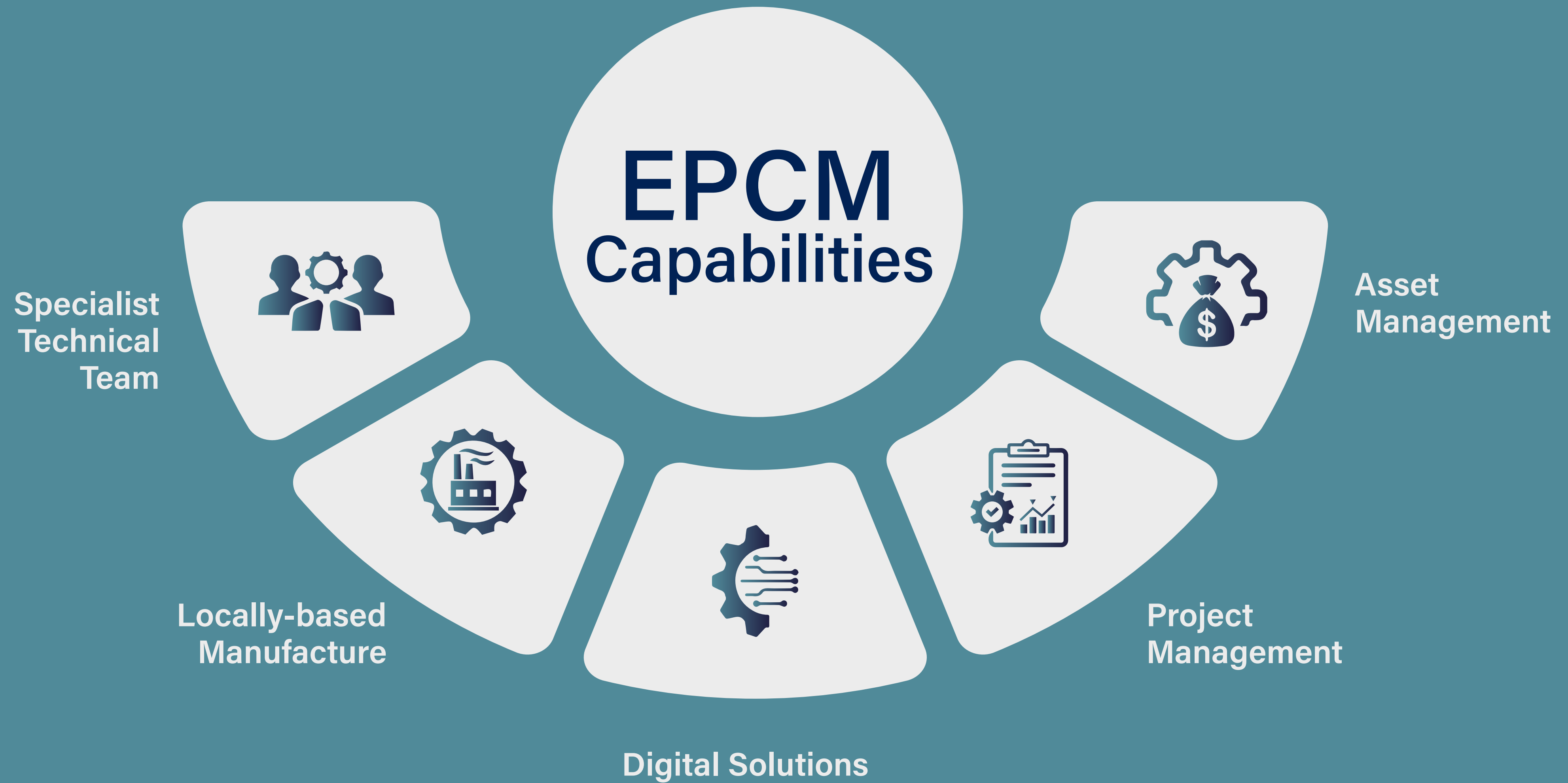
Construction:

- Site setup
- On-site Construction
- Quality Testing
- System Commissioning
- Oversee Risk Mitigation

Fabrication:

With dedicated fabrication workshop setup in Perth, our fabrication crew is specialized in providing pipeline construction and complex fabrication solutions. It includes but not limited to

- Complex Fabrication in carbon and exotic steels with multiple welding processes
- Fabrication of Tanks, Pressure Vessels and Heat Exchangers
- Turn-key or specialist pipeline works
- In-service and hot-tap welding
- Multiple coating system applications
- Welding and coating procedure development and qualification Welder and coater qualification and inspection services



Process | **Civil / Structural Construction** | **Instrumentation** | **Control Systems** | **Piping** | **Electrical & Mechanical**

EPCM

We deliver EPCM Project Management services.



Defining Scope:

Prepare drawings, technical specifications & detailed engineering

Technical Analysis of Bids:

Recommendations and verification of supplier & contractor docs





Project Management:

Timeline, cost, progress reports, budget performance & safety

Quality HSE Management:

Development & implementation of QA, organisation & auditing





Stakeholder Collaboration

Between disciplines, contractors & sub supplier

Change Management:

Communicating changes with all stakeholders & document updates



SMP Capabilities

Pressure
Vessel Skids



Exchangers



Process



Compressors



Chemical
Injection



Conditioning



Control
Systems



Processing



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THANK YOU!

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