## At a Glance

<table>
<thead>
<tr>
<th>Australia’s largest Desalination &amp; Water Recycling Company</th>
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<tr>
<td>Complete Water Treatment Solutions with Focus on Process Innovation</td>
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<td>Offices in Australia, Chile, UAE, India, Singapore</td>
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<td>Designed and Delivered over 450 projects since 1991</td>
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<td>Operate and Maintain 100 plants</td>
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<td>Workforce of over 180 people</td>
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<td>Offers Flexibility through Capital Purchase, Build Own Operate, Rental Options</td>
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Osmoflo Niche

- Difficult to treat waters (Heavy metals, organics)
- Remote Applications
- Reliability
- 24/7 monitoring and support through advanced automation and control
- Commercial flexibility (Design & Contract, BOO, Rentals etc.)
- Complete Process Warranty
- Lifetime Equipment Support
EXPERTISE

RESEARCH & DEVELOPMENT
- Track Record of innovative solutions
- Patented Technologies

EXPLORATION, CONSTRUCTION, OPERATIONS
- Desalination of brackish of sea water for potable use
- Water for construction & Processing

BENEFICIAL USE
- Treating process water for environmental discharge
- Acid mine drainage, release into local streams, used for irrigation
PROJECTS

SANTOS LTD. MOOMBA
South Australia
Reverse Osmosis, pre-treatment

XSTRATA ULAN COAL MINE
Mudgee, NSW
Micro-filtration, Reverse Osmosis

NEWMONT GOLD
Boddington, WA
Micro-filtration, Reverse Osmosis

CHEVRON-KELLOGG GORGON LNG
Barrow Island, WA
Micro-filtration, Reverse Osmosis, Electro Deionisation

CHEVRON-BECHTEL WHEATSTONE LNG
Track Record of innovative solutions Patented Technologies
CAPABILITY

PROJECT DELIVERY
High level quality control.
Delivery to client expectations

DESIGN, CONSTRUCTION, COMMISSIONING
Whole process approach.
The right technical approach.
Guaranteed process & operational performance

OPERATION & MAINTENANCE
Long term performance & reliability.
24 hour active monitoring via Osmoflo Operations Control Centre

THROUGH LIFE SERVICE & SUPPORT
Technical Support team.
National Office Network.
Spare parts & consumables.
Emergency rental fleet.
Capability

Extensive Capabilities in Project Management, Process Design, Delivery and Operations & Maintenance
Design, Construction, Commissioning

- Whole Process Approach
- Turnkey Solution
- The Right Technical Solution
- Guaranteed Process and Operational Performance
Operation and Maintenance

- Long Term Performance and Reliability
- 24 hour remote monitoring via Osmoflo Operations Control Centre and Propriety PlantConnect®
  - Ongoing support
  - Global reach
  - Critical alarm response
# Expertise - Technologies

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Technology</th>
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<tr>
<td>Pre-treatment</td>
<td>Ultra, nano and micro-filtration, multimedia, activated carbons, cartridge filtration</td>
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<td>Reverse osmosis</td>
<td>Incorporating energy efficiency and water recovery technologies for sea, brackish and reuse water. Ultra-high recovery processes</td>
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<tr>
<td>Post-treatment</td>
<td>Calcite, lime, carbon dioxide, pH adjustment</td>
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<td>Disinfection</td>
<td>Ozonation, chlorination, ultra-violet treatment</td>
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<tr>
<td>Demineralisation</td>
<td>Ion exchange, electro-deionisation</td>
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<td>Waste water treatment</td>
<td>Membrane bio reactors</td>
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Expertise - Research and Development

- Track Record of Developing Innovative Solutions
- Patented Technologies – Osmoflo Brine Squeezer (OBS)
Expertise - Exploration, Construction, Operations

- Desalination of Brackish or Sea Water for Potable Use
- Water for Construction, De-watering
- Water for Processing
  - Purified Water for Process Applications
Expertise – Beneficial Use

- Treating Process Water for Environmental Discharge
  - Acid Mine Drainage
  - Release into Local Streams
  - Used for Irrigation
Quality, Safety and Environment

- OHS Management System Certification


- Environmental Management System Certification ISO 14001:2004
Financial and Commercial

- **Financial Strength**
  - Averaged over 20% growth in past 12 years
  - Substantial Revenue from Recurrent Income

- **Commercial Flexibility**
  - Range of Financial Options
    - Capital Purchase, BOO, Short-term Rental
  - Customisation of Solution
    - Fully Customised Projects or
    - Pre-engineered Systems
  - Range of O&M Options
Financial Backing

- 40% investment from Marubeni
  - Japanese conglomerate located in 67 countries
  - Marubeni acquired 40% of Osmoflo in 2011
  - Positions Osmoflo as strategic partner internationally
Hong Kong Golf Course Project

Osmoflo design, built and delivered the project that supplies the required water for the golf course. Remote monitoring and control is also provided through Osmoflo’s proprietary PlantConnect management system.

Technology
Seawater desalination using RO

Location
Kau Sai Chau Island, Hong Kong

Project Size
1.5ML/d
Barka Project

Osmoflo delivered a turnkey 56,775m³/d plant, constructed in less than 12 months, utilizing 700 workers, which will provide water to 250,000 people in Oman.

Technology
SWRO + MF Pretreatment

Location
60km NW of Muscat, Oman

Project Size
56,775m³/d
Chana Combined Cycle Power Plant Block 2 Project

Osmoflo delivered a custom water treatment plant at Chana CCPP for Siemens Energy and Marubeni, with the end client being Electric Generating Authority of Thailand (EGAT)

**Technology**
MMF/BWRO/NRMB

**Location**
Southern Thailand

**Project Size**
0.72m3/d
Antucoya Copper Project

1,500m³/day of desalination equipment was installed, commissioned and handed over to Osmoflo SPA (Chile) for ongoing operation and maintenance.

Technology
UF / SWO

Location
Antofagasta, Chile

Project Size
1500m³/day
Thank You

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