

ABN: 62 147 346 334

ASX Announcement

03 August 2023

CORPORATE PRESENTATION – AUGUST 2023

Parkway Corporate Limited ("Parkway" or the "Company") (ASX: PWN) is pleased to provide an updated corporate presentation, incorporating several recent developments, including:

- Master Plan, inclusive of technoeconomic evaluations, as released on 22 June 2023.
- Upstream Solution, with material near-term opportunities, as recently foreshadowed in the June 2023 quarterly report, released on 28 July 2023.
- Corporate Strategy, related details consistent with the stated mission, of Building an advanced industrial water treatment technology company.

Further details regarding the latest corporate presentation, including various interviews and other investor resources will progressively be available at the Parkway Investor Hub.

The release of this announcement has been approved by Parkway's Group Managing Director & CEO, Bahay Ozcakmak, on behalf of the board of directors of the Company.

ADDITIONAL INFORMATION

For further information or investor enquiries, please contact:

Bahay Ozcakmak General Enquiries

Group Managing Director & CEO 1300 7275929

solutions@pwnps.com 1300 PARKWAY













PARKWAY INVESTOR HUB

To stay up to date with the latest news, access additional investor related resources including research reports and interact with Parkway by posting questions and feedback through a Q&A function, we encourage investors to signup to the Parkway Investor Hub.



How to sign-up to the Parkway Investor Hub

- 1. navigate to https://investorhub.pwnps.com/welcome
- 2. follow the prompts to sign up for an Investor Hub account.
- 3. complete your account profile.

or Scan QR Code to visit the Parkway Investor Hub.

ABOUT PARKWAY CORPORATE LIMITED

Parkway Corporate Limited is an Australian cleantech company focused on developing and implementing, industrial-scale innovative water treatment solutions. Parkway is listed on the Australian Securities Exchange (ASX: PWN) and is emerging as an innovative player in water related sustainability solutions. With significant inhouse technical expertise and established partnerships, Parkway is well-placed to deliver the next generation of wastewater treatment plants, incorporating the company's portfolio of world-class technologies.

Parkway operates through four (4) core business units, comprising:

- Parkway Process Solutions (PPS) Parkway's primary operating division and an emerging provider of
 industrial water treatment products, services, solutions and associated technology to customers
 throughout Australia. PPS has recently established commercial relationships with key water industry
 participants, including globally recognised OEMs;
- Parkway Process Technologies (PPT) Parkway's technology development, acquisition, and commercialisation division. PPT owns a portfolio of industrial wastewater treatment technologies, including the patented aMES[®] and iBC[®] process technologies. PPT has global aspirations and is supported by a network of strategic partners, including global engineering company Worley;
- Queensland Brine Solutions (QBS) is a recently established commercialisation entity, focused on advancing the objectives of Master Plan, a plan developed by Parkway to address the significant coal seam gas derived waste brine and salt challenges in Queensland, through the adoption of proprietary process technologies, developed by Parkway; and
- Parkway Ventures (PV) holds a portfolio of project equity interests, including interests relating to Parkway's Karinga Lakes Potash Project in the Northern Territory of Australia.

Additional information regarding Parkway, including an overview of the corporate structure of Parkway and the companies in its corporate group, can be found at: www.pwnps.com

FORWARD-LOOKING STATEMENTS

This announcement may contain certain "forward-looking statements". The words "continue", "expect", "forecast", "potential" and other similar expressions are intended to identify "forward-looking statements". Indications of (and any guidance on) future earnings, financial position, capex requirements and performance are also "forward-looking statements", as are statements regarding internal management estimates and assessments of market outlook

Where Parkway expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, "forward-looking statements" are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Parkway, its officers, employees, agents and advisors, that may cause actual results to differ materially from those expressed or implied in such statements. There can be no assurance that actual outcomes will not differ materially from these statements. There are usually differences between forecast and actual results, because events and actual circumstances frequently do not occur as forecast and their differences may be material.

Parkway does not undertake any obligation to publicly release any revisions to any "forward-looking statements" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under the applicable securities laws.

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Building an advanced industrial water treatment technology company.

CORPORATE PRESENTATION

Bahay Ozcakmak

Group Managing Director & CEO

Disclaimer



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Completeness and Accuracy of Information

No representation or warranty is made as to the accuracy, completeness or correctness of the information contained in this presentation. To the maximum extent permitted by law, none of Parkway, its directors, employees or agents or any other person, accept any liability for any loss arising from or in connection with this presentation including (without limitation) any liability arising from fault or negligence, or make any representations or warranties regarding, and take no responsibility for, any part of this publication and make no representation or warranty, express or implied, as to the currency, accuracy, reliability, or completeness of information in this announcement.

No Professional Advice

The information in this presentation does not take into account individual investment and financial circumstances and is not intended in any way to influence a person dealing with any securities in Parkway. This presentation does not include any financial, legal or taxation advice. Any person intending to deal in Parkway securities is recommended to obtain professional advice.

Additional Information

This presentation has been prepared by Parkway Corporate Limited ("Parkway" or the "Company")(ASX: PWN) and has been released on the ASX announcement platform and is also available at the Company website:

www.pwnps.com

Additional information regarding the Company can also be found at the Company's website, or by contacting the Company at:

ir@pwnps.com

Image on presentation cover, is of brine ponds associated with Shell QGC Orana Water Treatment Plant

Our Mission





Building an advanced industrial water treatment technology company.

OUTLINE



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Additional investor information available at the Parkway Investor Hub: https://investorhub.pwnps.com

PROBLEM: Impact of Extractive Industries



MINING

Unsustainable brine extraction & creating community & environmental challenges





MININO

Extensive wastewater generation, including waste brines and acid & metalliferous drainage (AMD).



industrial wastewater produced as a result of oil production in Northern Alberta, Canada.





ENERGY

Waste brine ponds from coal seam gas (CSG) production in Oueensland. Australia.



Globally significant wastewater challenges, impact sustainability of extractive industries.

SOLUTION: Innovative Technologies



The Problem we are Solving

- We are focused on industrial, **mining** & **energy** industries.
- < 10% of industrial wastewater globally, is recycled.
- We believe industrial process technologies are the answer.

Our Process Technologies

- We own a deep portfolio of proprietary (including patented) process technologies for industrial wastewater treatment.
- Our process technologies:
 - Enable the processing of industrial wastewater to recover valuable minerals, reagents and water.
 - Improve the sustainability of industrial operations.
- Have the potential to disrupt and/or impact the viability of major global industries.

Development of Next-Generation Solutions

- Significant ongoing investment in R&D and commercialisation to advance range of proprietary process technologies.
- Ongoing efforts to continuously improve technologies towards achieving best available technology (BAT) status.



Innovative technologies provide an opportunity to solve these problems, sustainably.

MARKET: Addressable Wastewater Markets



Key Markets

- Wastewater treatment opportunities
- < 10% of wastewater currently recycled
- Large and growing global markets

Challenges

 Major challenges impacting industry

PPS Opportunity

Parkway Process Solutions (PPS)

PPT Opportunity

 Parkway Process Technologies (PPT)

Global Market Size

Mining & Energy



- Limited access to freshwater is driving need to recycle wastewater
- Wastewater storage is problematic
- Processing of waste is complex
- Projects require range of products and conventional solutions
- Solid-liquid separation options including chemistry as well as membrane based approaches
- Projects require range of products and next-generation solutions
- Opportunity to recover economic quantities of products & reagents
- Product recovery funds treatment

> \$25 Billion / yr

Industrial Wastewater



- Access to freshwater is becoming more difficult, costly and uncertain
- Wastewater discharge is difficult
- Processing of waste is expensive
- Projects require range of products and conventional solutions
- Removal of contaminants and organics to meet wastewater discharge requirements
- Projects require range of products and next-generation solutions
- Opportunity to recover (and sell) and/or destroy contaminants, allowing subsequent discharge

> \$100 Billion / yr

Municipal & Desalination



- Wastewater storage and discharge is increasingly being scrutinised
- Conventional treatment can be complex due to salts and organics
- Projects require range of products and conventional solutions
- Removal of salts, nutrients and organics to meet wastewater discharge requirements
- Projects require range of products and next-generation solutions
- The requirement for zero liquid discharge (ZLD) is increasing with the objective of reducing volumes

> \$25 Billion / yr

Market size estimates, in Australian dollars

TECHNOLOGY: Cracking the Code



Cracking the Process Technology Code

- Parkway is focused on developing industry-wide solutions (large markets) for some of the most difficult (complex and expensive) wastewater related problems facing extractive industries, such as the energy (oil & gas), and mining industries, globally.
- We are developing **proprietary process flowsheets** that are highly effective, in recovering both water as well as saleable products.

Problem >





impacts from

 Large companies have often exhausted conventional options.

extractive industries.

 Highly complex technical problems, requiring an innovative approach.

Pre-Treatment >



Core-Process >



Post-Treatment >



Solution





"There's a way to do it better – find it." Thomas A. Edison

- Parkway performs detailed process simulation & piloting studies in order to "crack the code".
- Several conventional and proprietary technologies are integrated to develop an optimal solution.
- As the technology solution provider, Parkway is strongly positioned to **capture share of value** creation.

Parkway Process Technologies - Proprietary Technology Portfolio

- Solution often involves the recovery of highpurity water, and the:
- Production of reagents and/or industrial chemical products.
- Substantial reduction and/or elimination of waste volumes.
- Attractive financials.

TECHNOLOGY: State-of-the-Art Capabilities



Process Technology Development

- Experienced **inhouse engineering team** with extensive process engineering and technology commercialisation capabilities.
- Portfolio of highly **innovative technologies** developed inhouse.
- Additional synergistic technologies acquired to consolidate technology portfolio into robust technology-based platform.

Pilot Plant Facilities

 Successfully scaled-up key process technologies through a series of pilot plant facilities to validate process performance.







State-of-the-Art Process Simulations

 Parkway has developed extensive process simulation models that support a range of technology development, optimisation and technoeconomic evaluation related objectives.

Strategic Partnership



- Cutting-edge water and wastewater research conducted by Victoria University's Institute for Sustainable Industries & Liveable Cities (ISILC).
- ISILC researchers are recognised global leaders in a range of key research areas, relevant to Parkway.
- ISILC have extensive water research capabilities including laboratory facilities with the latest analytical equipment.
- Parkway has been collaborating with Victoria University since 2015, and acquired a broad portfolio of intellectual property.
- Jointly secured competitive funding from the Australian Research Council (ARC) under various grant schemes.
- Parkway has co-located piloting and research facilities, including research staff, at the nearby ISILC campus.
- ISILC PhD student co-supervised by ISILC and Parkway MD, joined Parkway in a technical role to strengthen collaboration.
- Several Parkway staff have honorary researcher status with ISILC, Victoria University, with Parkway MD Bahay Ozcakmak, an Adjunct Associate Professor since May 2020.

Additional Capabilities

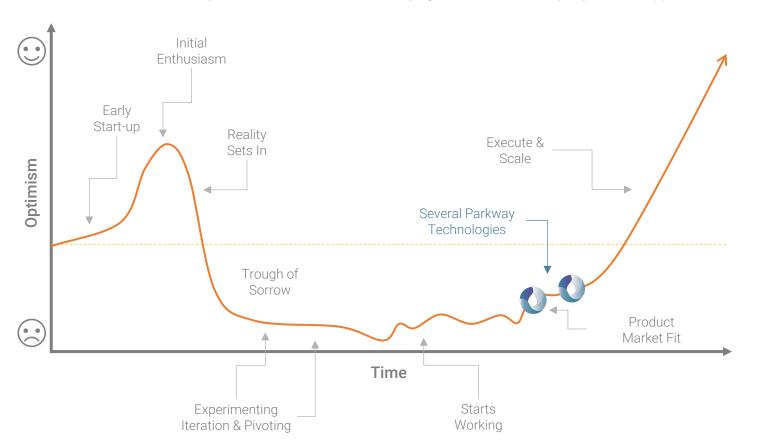
 Parkway recently announced plans to establish Centre for Brine Technologies to support technology commercialisation.

TECHNOLOGY: Product Commercialisation Journey



Simplified Technology Start-Up Commercialisation Journey

- THE CHALLENGE: Often a long journey with many uncertainties and obstacles to overcome.
- THE REWARD: Technologies that succeed become **highly valuable**, creating significant opportunities.



The Journey

- The experimentation, iteration and pivoting is a key phase of the tech commercialisation journey.
- Resembles PWN SP chart.

Execute & Scale

- Product Market Fit
 - Critical validation milestone before product-technology can be rolled-out.
- Execution
 - Go-to-market strategy needs to align with market requirements.
- Scale (Grow)
 - Roll-out rapidly to maximise value.

TECHNOLOGY: Industrial Commercialisation



Target Markets

- Large industrial markets (energy & mining industry).
- High-value applications (large projects).
- Well resourced clients (tier-1 industrial clients).
- Urgency to act (financial, strategic & ESG related drivers).

Go-To-Market Strategy

- Scale-up internal process technology capabilities, from process simulation and piloting, through to studies for execution phase.
- Launched industrial water treatment business, Parkway Process Solutions (PPS) in July 2021, to build internal capabilities and provide access to products and services.

Business Model

- Technology licensing is key monetisation pathway.
- Focus on large projects providing substantial advantages:
 - Enables 10 20% technology licensing fee to be embedded into proprietary process solution.
- Potential to toll-treat or build-own-operate (BOO):
 - Smaller plants (\$3m \$20m CAPEX), if projects;
 - Generate high ROE (>30% pa)

Global Strategic Partnership



- Worley is a major global engineering company, with a mission focused on "delivering a more sustainable world".
 - Key Markets, Energy, Chemicals & Resources.
 - Operates in 46 countries (> 25,000 current projects).
 - > 50,000 people.
- Worley provides engineering, procurement & construction, management (EPCM) related services to a diverse range of clients, many of which are Parkway's target clients.
- In May 2020, Parkway entered into a Global Strategic Partnership with Worley to commercialise key technologies.
- In February 2022, partnership extended to incorporate additional technologies, targeting the CSG industry.

Additional Capabilities

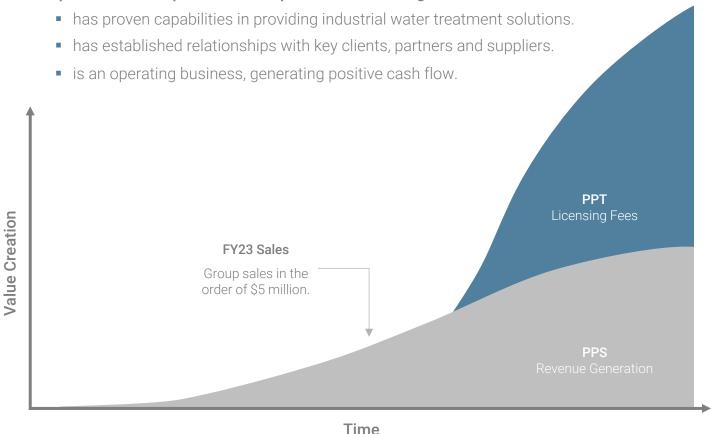
- Parkway established relationships with leading global OEMs supplying key equipment for water & wastewater treatment.
- Parkway's PPS business provides immediate access to large range of industrial equipment suppliers at wholesale prices.
- Example: largest global pump OEM is supplying PPS a highly specialised and custom designed pumping system (ultra high pressure, brine tolerant), for Parkway's technology division.

TECHNOLOGY: Commercialisation Launchpad



Methodically Executing Commercialisation Strategy

- PPT is targeting large high margin projects with recurring revenues, in key target markets.
- PPS provides launchpad for PPT to penetrate these target markets as PPS:



Parkway Process Technologies (PPT)

Because of the inherent advantages of innovative process technologies, PPT is likely to be able to create and capture significant value.

Typical Advantages:

- higher margin (> 50% ROE)
- recurring revenues (earnings)

Parkway Process Solutions (PPS)

The PPS business is providing a strong foundation in terms of capabilities to support growth of PPT.

typical margin (~30% GP)

QLD CSG Opportunity



IMPORTANT INFORMATION

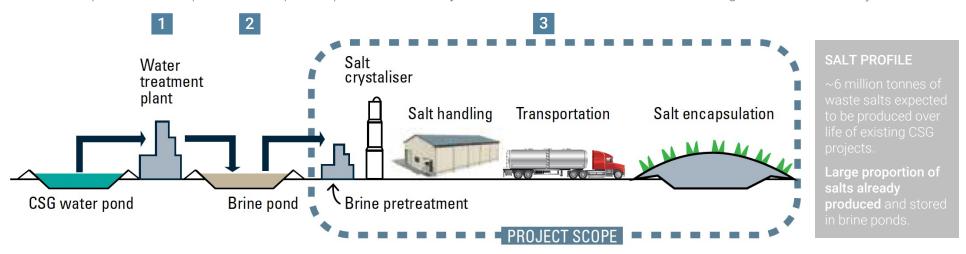
This section of the presentation includes a range of estimates regarding potential market opportunities, various financial estimates relating to capital and operating expenditure (CAPEX and OPEX, respectively) as well as potential revenue generation opportunities. Whilst reasonable care has been taken in the preparation of any estimates, these estimates nonetheless represent a range of risks and uncertainties. It should be noted, that this information, including any estimates are intended as an indicative guide only, and should not be relied upon for any specific purpose, including any investment related purposes. Further cautionary statements, including details regarding forward-looking statements, are outlined in the *Disclaimer* section at the beginning of this presentation.

QLD CSG Opportunity: The Challenge



Industry Requires Permanent Solution

- The Queensland coal seam gas (CSG) industry has **invested >\$100 billion in developing substantial gas production** capacity.
- Production of CSG derived gas, results in large volumes of waste brine production, stored in brine ponds on an "interim" basis.
- Industry, through APPEA, has explored range of options, over many years, resulting in only 1 viable option, namely "salt encapsulation".
- Salt encapsulation is expensive, complex, represents unacceptable environmental risks and faces significant community backlash.



Water Treatment Plants

• x16 large capacity water treatment plants in operation.

Regulated Brine Ponds

x36 large brine ponds, storing waste CSG derived brines.

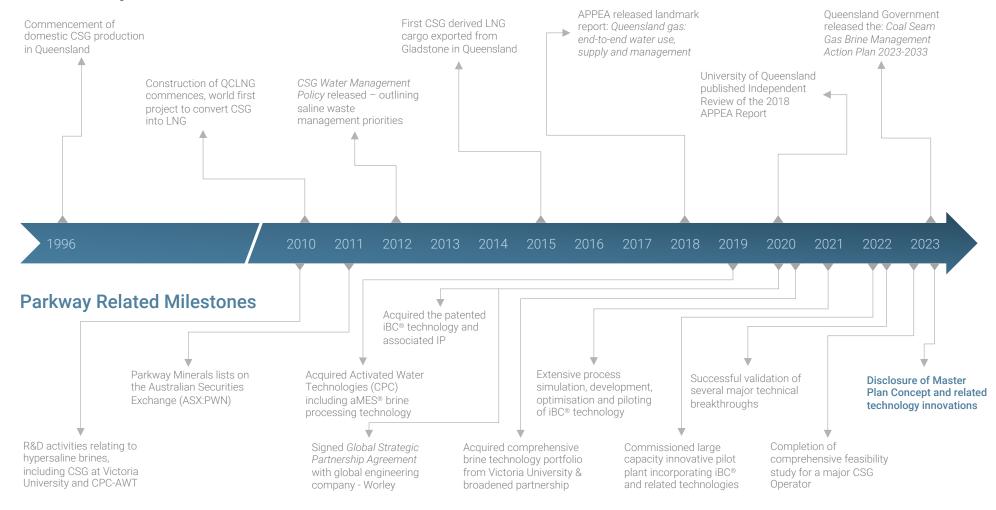
Proposed Industry Solution (Base Case), involves:

- Transporting brine to a brine concentrator and salt crystalliser.
- Crystallisation of waste salts that then need to be transported.
- Waste salts to be disposed in a regulated waste facility (RWF).
- Fees payable to RWF operator as well as government levies.

QLD CSG Opportunity: Industry & Parkway Timeline



CSG Industry Milestones

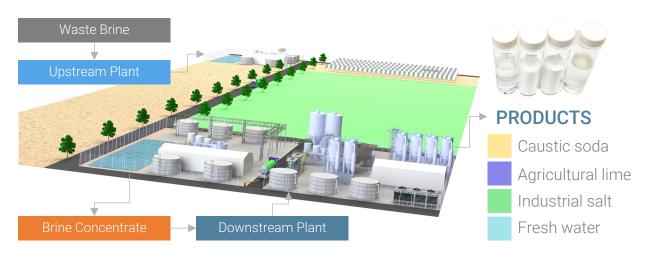


QLD CSG Opportunity: Master Plan



Development of Technology-Based Solution

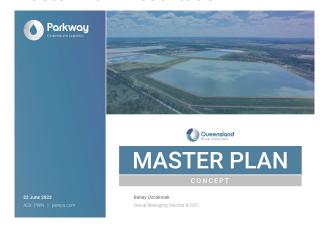
- Parkway recently announced it is viable to treat concentrated CSG derived brines through a proprietary process technology platform developed by PPT.
- Parkway process converts waste brine into valuable industrial chemical products.
- Successfully performed a year long feasibility study for the most advanced CSG **Operator**, to assess the technoeconomic advantages of the technology platform.



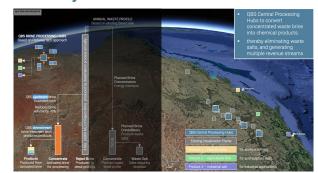
Master Plan – Key Advantages

- Strategy to provide a **complete and permanent industry-wide solution**.
- Only viable option to **convert waste brine into products**, instead of disposing salts.
- Potential to create > \$15 billion in value over the life of existing CSG-LNG projects.

Master Plan Presentation



Industry-Wide Solution



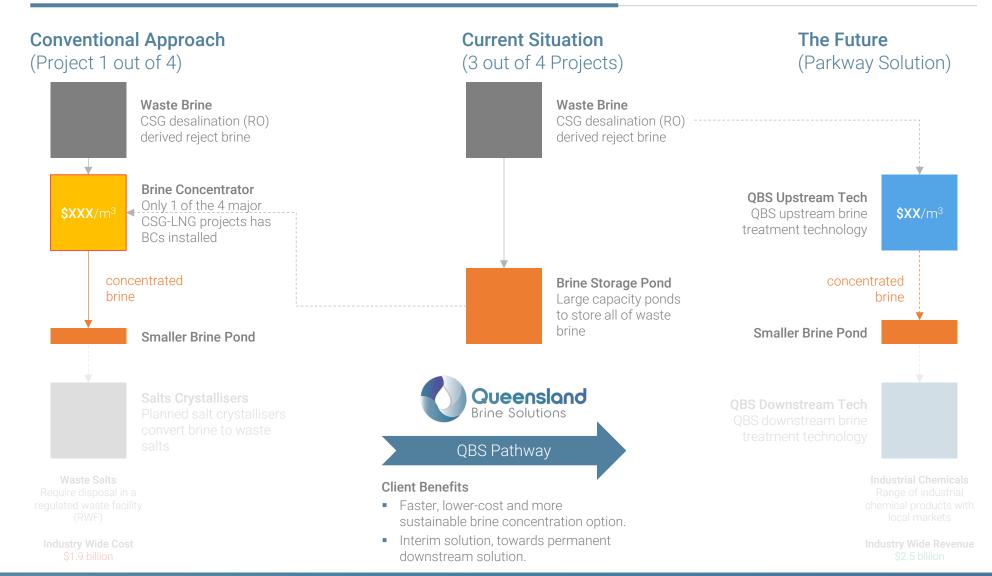
Master Plan Presentation

Parkway Investor Hub:

https://investorhub.pwnps.com/announcements/4 372527

QLD CSG Opportunity: Upstream Solution





QLD CSG Opportunity: Near-Term Applications



Overview

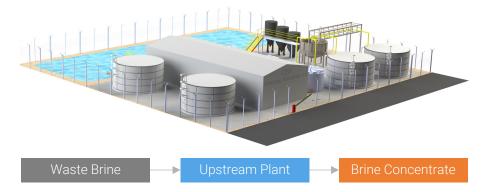
 The Parkway upstream technology package enables the more efficient concentration and processing of CSG waste brines.

Advantages

- Modular design provides opportunities for staged and costeffective deployment to align with project requirements.
- Provides onsite brine concentration (~70% volume reduction).
- Significantly lower cost compared to conventional processes.

Technology

- Based on proprietary upstream process technology package developed by Parkway.
- Range of interstate and major international opportunities.



Productisation of Technology

- Based on modular containerised system for rapid deployment.
- Enhanced OA/OC and efficiencies from offsite fabrication.

Near-Term Toll-Treatment Opportunity

- Opportunity for Queensland Brine Solutions (QBS, a Parkway subsidiary), to provide solution on a toll-treatment basis.
- Opportunity for 12 24 systems in Queensland CSG industry.

Indicative Financial Metrics* (Per System)

- CAPEX: \$8 12 million (project specific).
- OPEX: low, significantly (< 70%) less than main alternative.
- Revenue: high, despite QBS charging (< 50%) of alternatives.
- Margin: > \$5 million/yr (estimated operating margin).

Client Benefits

- Fast and effective solution, at a highly attractive price.
- No CAPEX (alternative brine concentrator CAPEX > \$250 m).
- Opportunities to integrate with downstream QBS technology package (in the future, to convert waste brine to products).

^{*-} All dollar (\$) amounts refer to Australian dollars, in real terms (2023). Various financial estimates, including but not limited to CAPEX, OPEX and revenue have been derived by Parkway from a range of internal and industrys sources and indexed to account for various factors including industrial inflation. This information is intended as a guide only, and should not be relied upon for any specific purpose. Purther details, refer to the Disclaimer section in this presentation.

CORPORATE



CORPORATE: Capital Structure



Capital Structure	Current
Ordinary Shares (PWN) on issue	2,226,818,847
12-month Trading Range	\$0.007 - \$0.014
Market Capitalisation (at \$0.012)	\$27 million
Unlisted Options (\$0.019, 28 Jul 2024)	245,912,785
Unlisted Options (\$0.020, 16 Dec 2024)	15,000,000

Major Shareholders	%
Holdings associated with Group MD	9.9%
BNP Paribas Nominees / Deutsche Börse	9.6%
BNP Paribas Noms / EU & Institutional	5.7%
Holdings associated with Group CFO	2.8%
Remainder of Top 20	16.3%
Top 20	44.3%

Funding	\$
Debt	nil
Cash (at 30 June 2023, excl. grants)	\$2.05 million
Cash (at 30 June 2023)	\$2.05 million



Additional investor information available at the Parkway Investor Hub: https://investorhub.pwnps.com

CORPORATE: An Experienced Team





Board of Directors

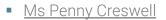
- Highly experienced board with significant domain expertise in industrial, energy, mining, waste and technology sectors.
- Strong corporate experience including M&A.



• Investment banker, ex-Citi, JPM, CIBC. ED of Queensland Nickel (QNI), JRV.



- Significant industrial technology commercialisation expertise.
- Leading development and execution of growth strategy including Master Plan.



- Experienced senior lawyer, currently Head of Environment and Regulatory Compliance at Cleanaway, ASX:CWY.
- Ms Ayten Saridas
 - Experienced CFO/finance executive, ex-AWE, CRN, OSH, STO, WOW.



Chief Commercial Officer



Raza Hasan Head of Engineering



Dr Rudy Dubbelboer Process Innovation Engineer



Anthony Gunadi

Commercial & Technical

- Extensive inhouse commercial & technical expertise underpins:
 - Process technology development program, and
 - Technology commercialisation related activities.

Mr Mike Hodakinson

 Broad corporate and technology commercialisation experience.

Mr Raza Hasan

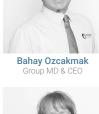
 Senior roles, including as principal process engineer with leading global EPC & chemical companies.

Dr Rudy Dubbelboer

 Senior process engineer with global EPC, chemical & tech companies.

Mr Anthony Gunadi

 Senior brine treatment specialist with extensive EPC experience.





Penny Creswell



Ayten Saridas Non-Executive Director

CORPORATE: Generating Significant Traction



Building Momentum

- Parkway has developed capabilities to successfully deliver a range of innovative solutions for tier-1 global companies.
- Progressively built a high-quality and growing client base.

ISO Certifications

Parkway achieved and maintains triple ISO certification.









Memberships

 Parkway is a member of the Initiative for Responsible Mining Assurance (IRMA), and has provided early engagement.









Approved Vendor

Parkway is an approved vendor for many major companies.

Energy Clients:

Leading global energy companies.





Mining Clients:

Leading Australian and global mining companies.

















Industrial Clients:

Leading Australian and global F&B and industrial companies.

















CORPORATE: Summary



Very Large Addressable Markets

- The wastewater treatment opportunities in the global energy, mining and industrial sectors, represent multi billion dollar opportunities.
- Strong economic, regulatory and ESG drivers supporting change.

Innovative Technologies

- Our **portfolio of innovative technologies** enable us to create value by:
 - Reducing wastewater volumes (cost savings), and
 - Recovering valuable products (generating revenue).

Executing Strategy

- Building an industrial water treatment technology company, by concurrently generating revenue & commercialising technology.
- Recent piloting and feasibility studies **confirm product-market fit**.
- Near-term opportunities to strategically roll-out technology.

Experienced Team

- Strong corporate, strategic, M&A and technology experience.
- Focused team methodically executing corporate strategy.
- Owner mindset across business, aligns with shareholders.



Technology commercialisation at major inflection point, in key markets.



Building an advanced industrial water treatment technology company.