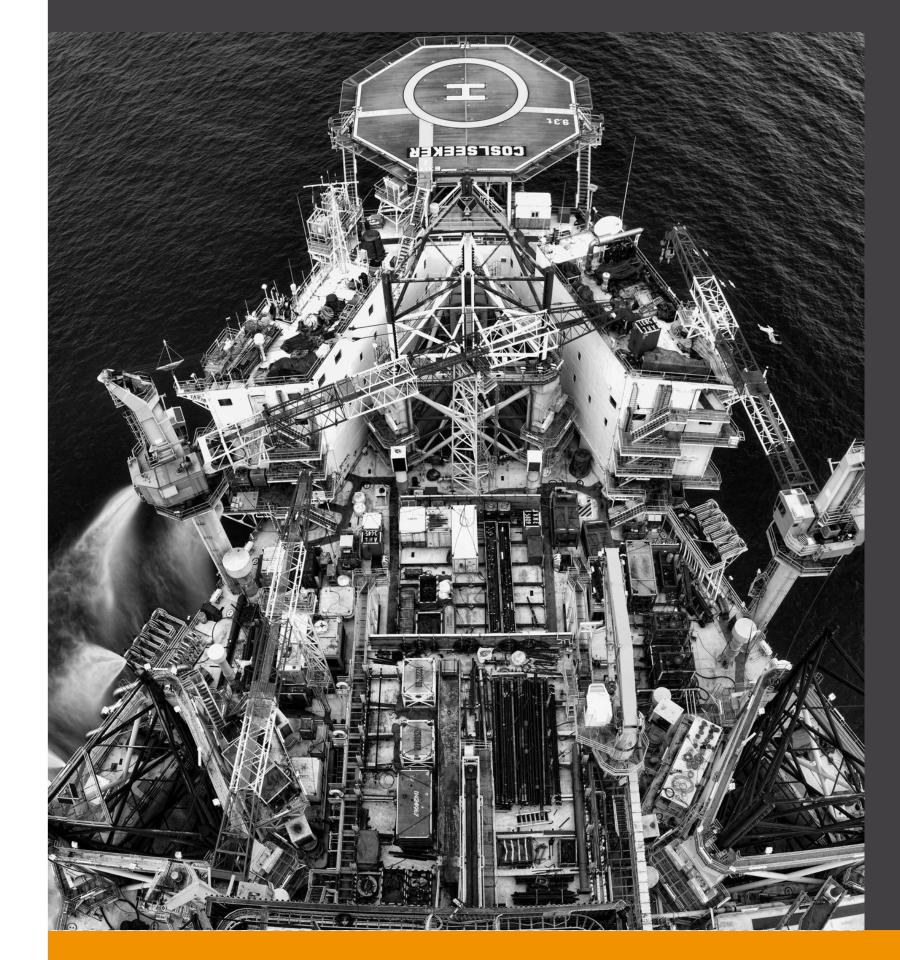


# Pure Play Exposure to Asia's Energy Growth — The Fastest in the World

**ASX: CRD** 

**Investor presentation** 

February 2023



## **Important Notice and Disclaimer**



This presentation has been prepared by Conrad Asia Energy Ltd (the **Company**). It does not purport to contain all the information that a prospective investor may require in connection with any potential investment in the Company. You should not treat the contents of this presentation, or any information provided in connection with it, as financial product advice or advice relating to legal, taxation or investment matters.

This presentation and the information contained herein and all electronic and/or hard copy documentation which comprise it are being provided to you solely for your information and may not be copied, reproduced, distributed, disclosed or published, in whole or in part, to any other person for any purpose whatsoever at any time without the prior written consent of the Company. This presentation is not an offer to any person nor is it a prospectus.

The Company has prepared this document based on information available to it at the time of preparation. No representation or warranty (whether express or implied) is made by he Company or any of their officers, advisers, agents or employees as to the accuracy, completeness or reasonableness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or provided in connection with it, or any omission from this presentation, nor as to the attainability of any estimates, forecast or projections set out in this presentation.

This presentation is not investment or financial product advice (nor tax, accounting or legal advice) and is not intended to be used for the basis of making an investment decision. The information contained in this presentation has been prepared without taking into account the objectives, financial situation or needs of individuals.

This presentation is provided expressly on the basis that you will carry out your own independent inquiries into the matters contained in the presentation and make your own independent decisions about the affairs, financial position or prospects of the Company. The Company reserves the right to update, amend or supplement the information at any time in their absolute discretion (without incurring any obligation to do so). The Company, nor their related bodies corporate, officers, their advisers, agents and employees accept any responsibility or liability to you or to any other person or entity arising out of this presentation including pursuant to the general law (whether for negligence, under statute or otherwise), or under the Australian Securities and Investments Commission Act 2001, Corporations Act 2001 (Cth), competition and any such responsibility or liability is, to the maximum extent permitted by law, expressly disclaimed and excluded. Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. It does not include all available information and should not be used in isolation as a basis to invest in the Company.

This presentation contains reference to certain intentions, expectations, future plans, strategy and prospects of the Company. Those intentions, expectations, future plans, strategy and prospects may or may not be achieved. They are based on certain assumptions, which may not be met or on which views may differ and may be affected by known and unknown risks. The performance and operations of the Company may be influenced by a number of factors, many of which are outside the control of the Company. No representation or warranty, express or implied, is made by the Company, or any of their directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved. Given the risks and uncertainties that may cause the Company actual future results, performance or achievements to be materially different from those expected, planned or intended, recipients should not place undue reliance on these intentions, expectations, future plans, strategy and prospects. The Company does not warrant or represent that the actual results, performance or achievements will be as expected, planned or intended.

This document does not constitute any part of any offer to sell, or the solicitation of any offer to buy, any securities in the United States or to, or for the account or benefit of any "US person" as defined in Regulations under the US Securities Act of 1993 (Securities Act). The Company shares have not been, and will not be, registered under the Securities Act or the securities laws of any state or other jurisdiction of the United States, and may not be offered or sold in the United States or to any US person without being so registered or pursuant to an exemption from registration including any exemption for qualified institutional buyers.

# **Investment Highlights**



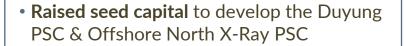
Conrad is a Singapore company whose shares are publicly listed on the ASX through Chess Depositary Interests (CDIs)

	Portfolio of assets focused on offshore Asian gas	<ul> <li>The Mako Gas Field is currently one of the largest undeveloped and fully appraised gas field in the West Natuna Basin, Indonesia</li> <li>2C Contingent Resources of 413 Bcf (215 Bcf net to Conrad) generating gas sales of approximately US\$4.5 billion (US\$2.4 billion net to Conrad)<sup>1</sup></li> <li>Exploration and appraisal potential in Conrad's other Production Sharing Contracts (PSCs), contain a number of drill ready prospects</li> </ul>
	Mako Gas Field	<ul> <li>Mako adjoins major gas export infrastructure connected to Singapore with currently only ~60% utilisation rate</li> <li>Relatively simple, low-cost development (shallow water, high deliverability reservoir, high quality gas) with robust economics (post-tax NPV10: US\$442m net to Conrad)¹</li> <li>Revised Plan of Development (reflecting higher estimated resource and production rates) has been approved by the Indonesian Ministry of Energy and Mineral Resources (MEMR)</li> <li>Conrad hold and operate a 76.5% Participating Interest in the Mako Gas Field</li> </ul>
	Upside from held and potential assets	<ul> <li>Award of two new PSCs, Offshore North West Aceh (Meulaboh) (ONWA) and Offshore South West Aceh (Singkil) (OSWA)</li> <li>The two Aceh PSCs cover some 22,000 square kilometres in both shallow and deep water areas. The shallow water areas contain numerous gas discoveries that have been flow tested. The deep-water areas hold multi Tcf exploration potential.</li> </ul>
	Compelling market fundamentals	<ul> <li>Singapore is Conrad's near-term market opportunity with strong and reliable gas price dynamics</li> <li>Indonesia is the fourth most populous country in the world, and its production of both oil and natural gas has not been able to keep up with growing domestic demand</li> </ul>
	Near-term goals	<ul> <li>Conrad is targeting a number of near-term goals that aim to de-risk development of the Mako Gas Field and add value to its growth portfolio:         <ul> <li>commencement of the Front-End Engineering Design (FEED) for Mako;</li> <li>finalisation, and approval by all parties, of gas sales agreements for future gas produced from the Mako; and</li> <li>Delineation of several large structures and initiation of a mapping exercise to inventorise and assess leads and prospects across Aceh.</li> </ul> </li> </ul>
<u> </u>	Experienced Board & Management Team	<ul> <li>Board and Management have a proven track record of value creation and deep industry experience with oil majors, mid-cap E&amp;P and the upstream investment community. A successful history of bringing exploration and development projects into production</li> <li>Peter Botten as Chairman adds enormous depth and experience, as well as major credibility to the company</li> </ul>

# **Delivery of Key Milestones**



Conrad has demonstrated a strong track record of consistent delivery



- Signed HOA with Singapore gas buyer for the sale of all potential gas produced from Mako
- Completed Gaffney, Cline & Associates (GaffneyCline)
   resource audit for Mako Gas Field

- Received revised Mako resource audit from GaffneyCline
- Updated Mako resource estimates with SKK
   Migas including new approved volumes in line
   with GaffneyCline estimates
- Completed joint studies over JSAs

2016

2017

2018

2019

2020 & 2021

2022 & Beyond

#### Funded Mako South-1 well in Duyung PSC through capital raise of \$8 million and farmed out a 10% interest to AIMlisted Empyrean Energy Plc

- Successfully drilled Mako South-1 well on time, on budget with no health, safety and environmental incidents
- Raised \$5 million of equity from existing shareholders

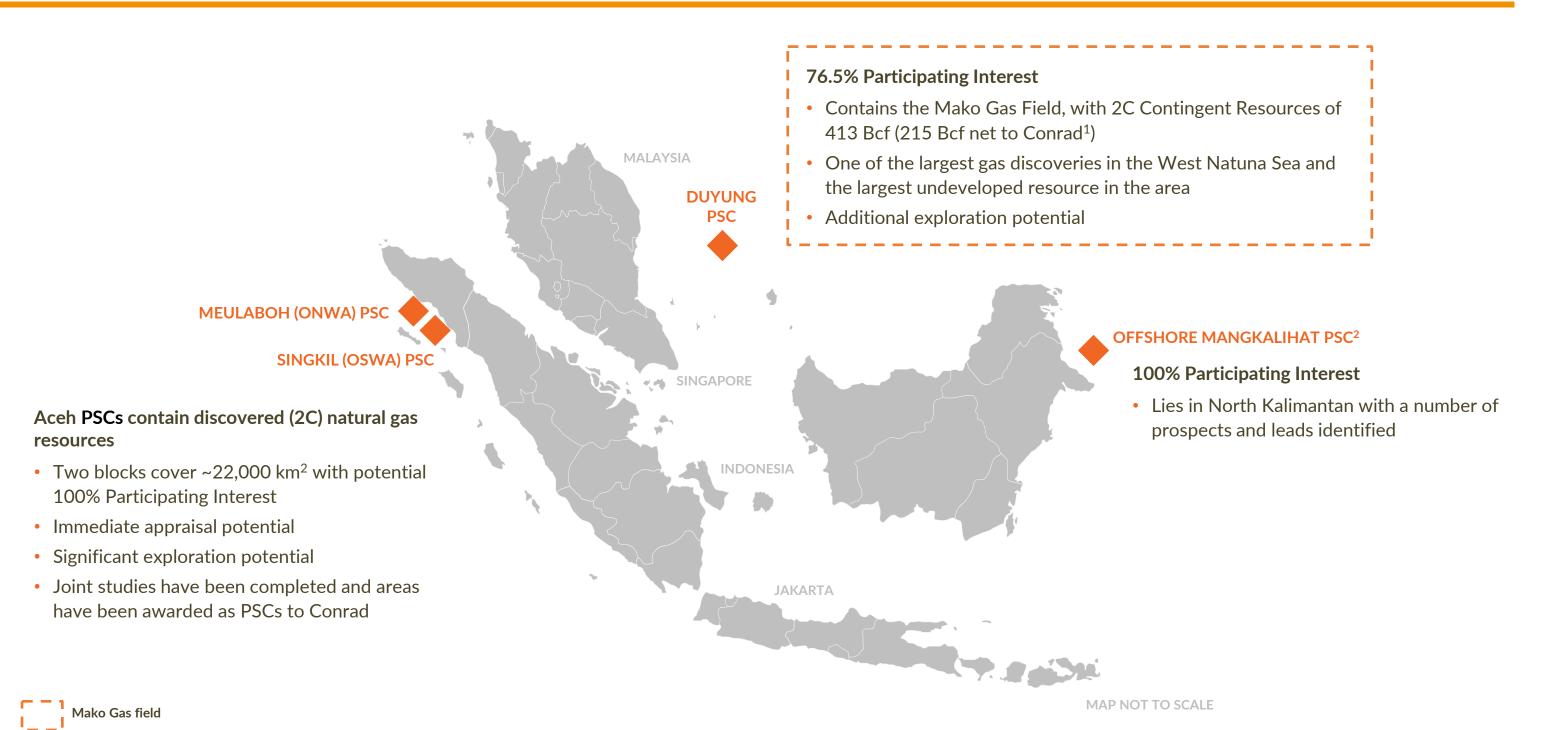
- Make POD approved by MEMR
- Funded Mako appraisal campaigns through:
- Divestment of 13.5% interest in Duyung PSC to AIM listed Coro Energy Plc; and
- \$18.4 million capital raise
- Drilled two Mako appraisal wells Tambak-1 and Tambak-2
- Acquired 100% interest in Offshore Mangkalihat PSC

- Successful completion of IPO (ASX) raising US\$30 million
- POD Revision 1 approved for Mako Gas Field to reflect higher resources and production rates (offtake increased from 44 mmscf/d to 120 mmscf/d with the ability to increase up to 150 mmscf/d after the first year, depending on well performance)
- Completion of Gas Sales Agreements for Mako gas
- Award of Aceh PSCs containing existing gas discoveries and multi TCF leads

# **Portfolio of Projects**



Duyung PSC (which contains Mako) is the cornerstone asset of Conrad's portfolio with additional exploration assets providing upside



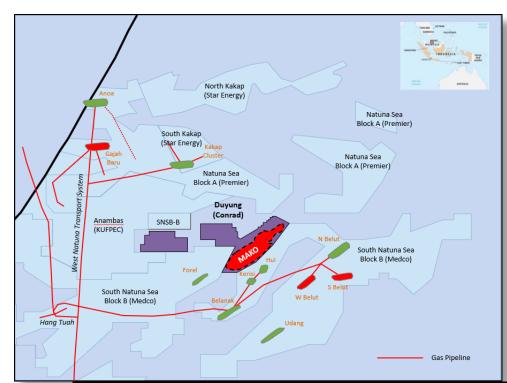
Note: (1) Competent Person's Report (CPR) for Duyung by Gaffney, Cline & Associates (GaffneyCline) 26 August 2022. Resources attributable to Conrad are based on Conrad's participating interest of 76.5% in the Duyung PSC. (2) As outlined in the Company's quarterly report lodged with ASX dated 27 January 2023 given the attractive prosects in its other assets and the potential impending expiration of the OM PSC in July 2023, the Board has decided to pause activities in OM and discuss the future of the PSC with SKK Migas.

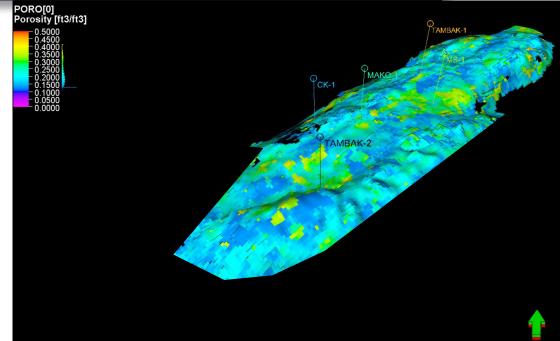
# **Duyung PSC and Mako Gas Field Overview**



One of the largest undeveloped gas discoveries in the West Natuna Sea with key under-utilised infrastructure in place

- Mako Gas Field has been assessed to contain gas comprising 98% methane gas with insignificant impurities and a high permeability reservoir with excellent productive capability
- POD for Mako Gas Field approved in February 2019, converting PSC from exploration to exploitation, and extending tenure to 2037
- Following successful drilling campaigns, Conrad worked with SKK Migas on a revised POD¹ that has been approved by the Indonesian regulator. The current Mako CPR² contemplates the production of 2C Resources from Mako of 413 Bcf (215 Bcf net to Conrad)
- Gas sales agreement (GSA) slated to be completed by end of Q1 CY2023 with a tripartite engagement among Conrad, a Singapore gas buyer, and SKK Migas (the Indonesian regulator.)
- Mako holds high quality gas (98% methane, no mercury, no heavy metals), requires no LNG refrigeration emissions / energy consumption has no requirement for regasification and has a lower carbon footprint<sup>2</sup>
- Anticipate **commencement of FEED work** for the development of the field from funds raised under the IPO





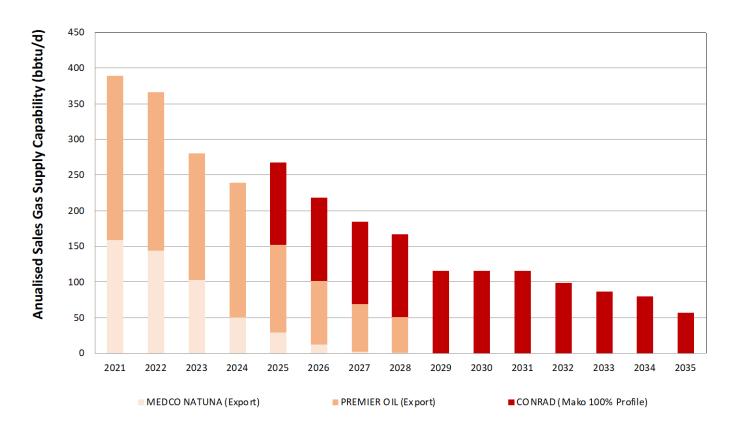
# **Strategically Positioned**





Mako is expected to be a meaningful source of gas supply...

Natuna Sea Annualised Supply Capability (bbtu/d)



Mako adjoins major gas export infrastructure (WNTS) with currently only ~60% (and steadily declining) utilisation rate

#### ... into critical and growing Asian demand centres

West Natuna Transport System (southern configuration)



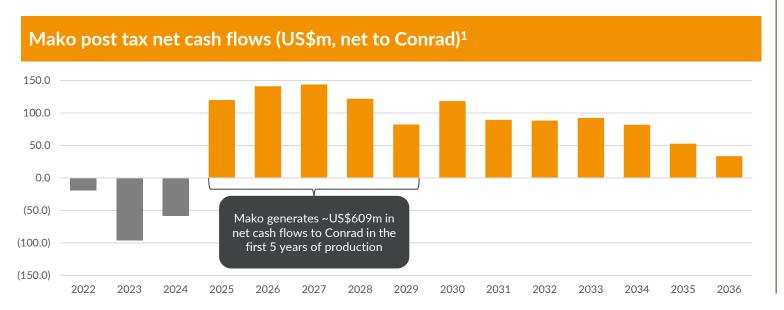
West Natuna Transport System (WNTS) can connect Mako to Singapore and potentially to Indonesia in future

## Mako Economics — Net to Conrad



Economically robust, underpinned by an economic production life of ~12 years

- Assessment based on an independent Competent Person's Report (CPR) on the Mako development, Gaffney, Cline & Associates
  - The report assumes Final Investment Decision is made by early 2023 for first gas in 2025
  - The operational and economic outcomes are predicated on a Contingent (2C) Resource estimate of 413<sup>1,2</sup> Bcf (215 Bcf net to Conrad) with gas sales of approximately US\$4.5 billion (US\$2.4 billion net to Conrad)<sup>1</sup>
  - CPR model is based on current futures prices and a capex and opex profile which yields a Best Case (P50) post-tax  $NPV_{10}$  of US\$442m<sup>1,2</sup> (net to Conrad) and post-tax IRR of 51%



Operational and financial highlights (net to Conrad) <sup>1,2</sup>					
First gas	year	2025			
End of PSC	years	12 (from first gas)			
Sales gas (net to Conrad)	Bcf	215			
Sales revenue (net to Conrad, real)	US\$m	2,016			
Annual average opex (net to Conrad, real)	US\$m / yr	35			
Capital costs (net to Conrad, real)	US\$m	204			
Field abandonment costs (net to Conrad, real)	US\$m	10			

Brent Oil Price Curve <sup>3</sup> (US\$/bbl) & Mako NPV <sub>10</sub> (US\$m, net to Conrad)								
Scenario	2025	2026	2027	2028	2029	2030+	NPV <sub>10</sub>	IRR
GaffneyCline Aug-22	80.0	81.6	83.2	84.9	86.6	+2.0%	442	51%

Note: (1) Competent Person's Report (CPR) for Duyung by Gaffney, Cline & Associates (GaffneyCline) 26 August 2022 (Best Case). Section 8.5 of their report also includes 'Low Case' and 'High Case' production, capital expenditure and operational expenditure profiles. (2) Net of the working interest partners take, the volume of gas within Duyung PSC and Conrad's participating interest of 76.5% in the project. (3) Brent oil price curve quoted in nominal terms.

## **Aceh PSCs**



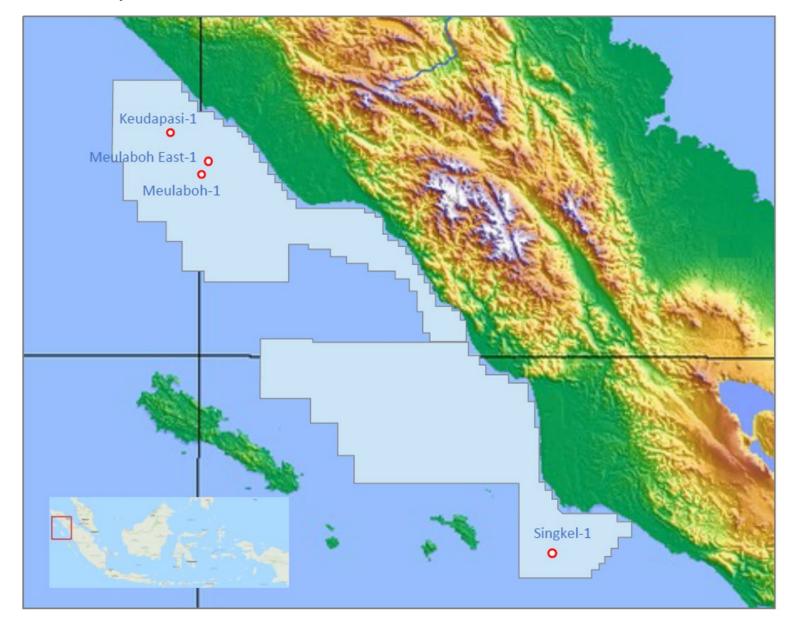
The Aceh PSCs contain numerous offshore gas discoveries as well as large exploration opportunities

- Conrad was awarded two new PSCs on 5 January 2023, located offshore northwest Sumatra within the Aceh Province of Indonesia
- The Aceh JSAs cover a combined working area of approximately 22,000 square kilometres, with each area containing gas discoveries.
- Conrad is operator of both PSCs and holds a 100% interest in each block. Each PSC has a 30-year tenure.
- Water depths vary between 5 1,500 metres with the existing discoveries located in shallow water depths of 50 80 metres, respectively
- Both PSCs contain flow-tested gas discoveries in shallow water. An independent reserve engineering firm has been engaged to produce a Competent Persons Report to determine potential discovered resources.
- Available seismic data reveals that both PSCs contain structures that suggest multi Tcf gas prospectivity (with gas chimneys and flat spots displayed on seismic data) in the deeper water areas of the blocks.

"The award of these two PSCs is a transformational event for Conrad as these blocks contain discoveries that significantly increase our resource base and offer the opportunity for Conrad to add several gas projects to its existing large Mako gas project,"

Conrad Managing Director and CEO, Miltos Xynogalas.

#### **Location Map of offshore Aceh JSAs**



9

### **Aceh PSCs**



The Aceh PSCs contain numerous offshore gas discoveries as well as large exploration opportunities

- The shallow water discoveries, located close to shore, were made in the 1970's and are sited in geological formations known as "pinnacle reefs". Based on well reports, the discoveries include:
  - Singkil-1 (OSWA, 1973) discovered a gas column of circa 270 feet and flowed gas at a maximum rate of 10.06 million standard cubic feet per day (mmscfd)
  - Meulaboh-1 (ONWA, 1970) discovered a gas column of circa 90 feet and flowed gas at a maximum rate of 6.7 mmscfd.
  - Keudepasi-1 (ONWA, 1973) discovered a gas column of circa 60 feet and flowed gas at a maximum rate of 5.34 mmscfd.
  - Meulaboh East-2 (ONWA, 1975). discovered a gas column of circa 30 feet and flowed gas at a maximum rate of 7.99 mmscfd.
- The gas flowed to surface from all of the discoveries is predominantly methane gas (CH4), with very small amounts of carbon dioxide (CO2 ~0.04%) and nitrogen (N2 ~0.13%).
- The drilling success rate for gas in these reefs was circa 50% based on older 1970's vintage 2D seismic.
- Modern 3D seismic should help delineate other shallow water gas targets over this vast area.
- These shallow water discoveries prove the hydrocarbon potential of the area and upgrade the larger deep water targets.

# **Unique Gas Opportunity**

Indonesia represents a compelling energy investment opportunity



- ✓ Asian energy demand growth has been well flagged
- ✓ Indonesia is the 4<sup>th</sup> most populous country with strong energy demand
- ✓ Indonesia has transitioned from energy exporter to importer in the last decade
- ✓ Gas is becoming the preferred fuel to drive continued economic growth
- ✓ Government (SKK Migas) objective to double gas production by 2030 announcing working on laws to incentivise investors to spend US\$179 billion to meet 2030 oil and gas production targets in Southeast Asia's largest economy¹
- ✓ Natural gas is a vital transition fuel and together with a climate finance deal, providing US\$20 billion to help Indonesia pivot away from coal to gas power generation
- ✓ Conrad's experience in the region positions the Company to execute on its business strategy
- Maturation of Conrad's portfolio will see it positioned to capture investor appetite in this compelling macro environment
- ✓ SKK Migas continues to coordinate, cooperate and collaborate with all PSC Contractors and other stakeholders in efforts to increase the national oil and gas reserves and production

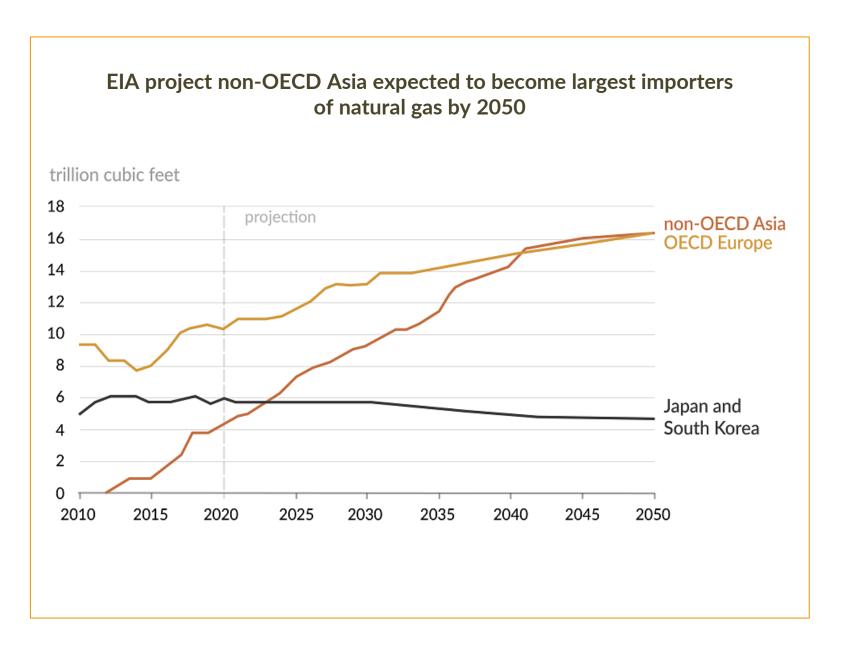
TOWARDS 1 MILLION BOPD & **12 BSCFD** IN 2030 THROUGH MASSIVE, AGGRESSIVE, AND EFFICIENT ACTIVITIES

## Asian Demand for Gas / LNG



Over next 10 years and beyond, Asia is expected to deliver the strongest growth in demand for gas and LNG

Demand for gas supply will grow across the Asia Pacific region, from core gas demand growth markets of China, South and South-east Asia, but also through uncontracted or underlying demand in the more mature markets of Japan, Korea and Taiwan



# **Board and Management**



Highly experienced Board with strong technical, operational and financial backgrounds



Peter Botten
Non-Executive Chairman

Previous MD of Oil Search Limited for 26 years, overseeing its transition into a major ASX listed gas company, ex-chairman of AGL Energy Ltd, currently director of Aurelia Metals Ltd, Karoon Energy Ltd and Oil Search Foundation



Paul Bernard
Non-Executive Director

Former top-rated Asian energy analyst & Goldman Sachs partner. Deep experience in Asian financial markets and the energy sector



Miltos Xynogalas
Founder, Managing Director & CEO

Geoscientist with 30 years of technical and prospect generation in upstream industry with Shell International, Premier Oil, and Transworld Oil



Jeremy Brest
Non-Executive Director

Seasoned finance executive with over 15 years' experience in New York and Asia, including Goldman Sachs and Credit Suisse



**David Johnson**Executive Director & COO

41 years oil and gas experience in Australia, Asia-Pacific and Middle East with BP, Shell, Woodside, Mubadala Petroleum & Ophir Energy



Mario Traviati
Non-Executive Director

Previous Head of Asia Energy Research at Merrill Lynch. Over 35 years working, analyzing and investing in oil and gas projects. Previously at Woodside Petroleum

# **Key Takeaways**



Exposure to a portfolio of South-east Asian gas development, appraisal and exploration assets

Conrad believe that the quickest and best way to reduce global emissions is to accelerate the energy transition. Conrad also believe that gas will play an important role in progressing this cleaner energy transition in Indonesia and adjacent South-east Asian markets.

- ✓ Development of Mako field to unlock strong cash flow and underpin company valuation¹
- ✓ A platform for growth with a portfolio of appraisal and exploration opportunities plus experience in the region
- ✓ Growing office in Jakarta with in country experience and successful track record.
- ✓ Improving outlook for South-east Asian gas demand as a transition fuel
- ✓ Led by a highly **experienced Board and Management** team with a track record delivering development projects in the region
- ✓ Operator of all its projects with high Participating Interest allows for control as well as ability to continue to fund operations via farmout or divestment of its interests as opposed to continued dilution at corporate level

# **Corporate Snapshot & Capital Structure**



ASX	CRD
Share on issue	159,398,988
Convertible Securities	15,770,790
Share Price (27 Jan 2023)	A\$1.25
Market Capitalisation (Fully Diluted)	A\$219m
Cash on Hand	US\$18.96m (A\$26.62m)

	CDIs		Fully Diluted		
Shareholder	#	%	#	%	
Board & Management	37,155,726	23%	37,155,726	21%	
Inspired International Limited	18,125,656	11%	18,125,656	10%	
Transworld Oil Inc.	14,400,000	9%	14,400,000	8%	
Other employees	699,424	0%	699,424	0%	
Other existing Shareholders	58,196,265	37%	58,196,265	33%	
Investors in recent IPO	30,821,917	19%	30,821,917	18%	
Options			15,770,790	9%	
Total	159,398,988	100%	175,169,778	100%	

#### **Escrow arrangements**

• Securities are subject to mandatory escrow arrangements and voluntary escrow arrangements; ~96.8% of the CDIs not issued to investors under the IPO are mandatory or voluntary escrowed.



Mario Traviati
Non-Executive Director
Conrad Energy Asia
mario@conradasia.com
+65 6517 9700

