The next wave of investment & growth

SEAAOC
SOUTH EAST ASIA AUSTRALIA
OFFSHORE & ONSHORE CONFERENCE
5–6 SEPT 2018 | DARWIN CONVENTION CENTRE

PART OF:
NT RESOURCES WEEK
MINING THE TERRITORY
BUILDING THE TERRITORY

CO-LOCATED WITH:
NORTHERN TERRITORY GOVERNMENT
informa

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NETWORKING AND SOCIAL EVENTS

OFFICIAL NT RESOURCES WEEK WELCOME RECEPTION
6:00pm – 7:30pm
Tuesday 4 September 2018 | Parliament House Darwin
Mingle with government and industry leaders alongside your fellow delegates while enjoying the view of the Darwin horizon from Parliament House as the Chief Minister welcomes you to the 2018 NT Resources Week.
*Complimentary for all NT Resources Week attendees (excludes expo visitors)
Hosted by: Supported by:

NT RESOURCES WEEK NETWORKING DRINKS
5:10pm – 6:10pm
Wednesday 5 September 2018 | Darwin Convention Centre, Exhibition Halls
Explore our exhibition and discuss the day’s events with your industry colleagues over a drink – a fantastic opportunity to arrange some meetings.
*Complimentary for all NT Resources Week attendees (excludes expo visitors)
Available for sponsorship - Contact Megan.Rogulski@informa.com.au

NT RESOURCES WEEK GALA DINNER
6:30pm
Wednesday 5 September 2018 | The Lawns, SKYCITY Darwin
Proudly sponsored by INPEX, join us all for the NT Resources Week’s signature dinner under the stars. A fantastic social event for relaxed networking – attracting hundreds of executives and some of the industry’s most prolific leaders.
*Dinner price per ticket: $200 + GST.
Sponsored by:

NT RESOURCES WEEK BREAKFAST
8:30am – 9:15am
Thursday 6 September 2018 | Darwin Convention Centre, Exhibition Halls
Reconnect with your fellow delegates over a coffee and a meal from our breakfast buffet and chart your course for the day ahead – a great way to start the day.
*Complimentary for all NT Resources Week attendees (excludes expo visitors)
Available for sponsorship - Contact Megan.Rogulski@informa.com.au

SUNSET HARBOUR CRUISE
4:30pm – 7:30pm
Thursday 6 September 2018 | Departing from Stokes Hill Wharf
Join us for the perfect close to the NT Resources Week by taking in the famous Darwin sunset over drinks and nibbles and the best views Darwin Harbour has to offer – including getting up-close to the INPEX and Darwin LNG Plants. A fantastic way to unwind after the event with some last chance networking.
Ticket price: $100 + GST
Available for sponsorship - Contact Megan.Rogulski@informa.com.au

REGISTER NOW www.seaaoc.com
To All SEAAOC Delegates,

The Northern Territory Government is proud to support Australia’s pre-eminent petroleum conference because the potential for the industry here is immense.

The Territory has globally significant onshore and offshore energy reserves and a long history as a reliable supplier of oil and gas to global markets.

We see our future as strongly contributing to improving both national and global energy security, including by supplying gas to the eastern seaboard.

We also see the NT being able to provide for local gas needs and having export capability.

This will deliver significant economic growth in the Territory.

My Government is focused on establishing the right regulatory environment that supports investment while protecting our unique environment and reflecting community values.

We promised an independent, scientific inquiry into hydraulic fracturing of unconventional gas reservoirs, after which we would either ban or allow it in highly regulated circumstances in tightly prescribed areas.

We kept our promise.

The NT Government accepted all 135 recommendations of the inquiry, opening the way for development of an onshore gas industry in the Territory where risks will be reduced to an acceptable low.

We believe our large, mobilised and experienced local workforce and having Australia’s nearest deep water port to Asia positions the NT to attract more onshore and offshore investments.

Earlier this year my Government established a Gas Taskforce that will support a Gas Action Plan that we grow and diversify the NT’s economy by helping facilitate development of the gas industry.

My Government is determined to reinforce the NT’s position as a world-class oil and gas supply and service hub.

We are confident there is huge potential for future discoveries as exciting projects already underway progress with the enthusiastic support of my Government and its agencies.

In late April we were thrilled to see the Pacific Breeze – the largest LNG carrier of its kind – cut a striking figure as it sailed into Darwin Harbour on its maiden voyage to the INPEX-operated Ichthys LNG onshore processing facilities at Bladin Point.

This marked another important milestone in progress towards the start-up of the facilities and 40 years of operation.

This year’s SEAAOC is perfectly timed for the industry’s key players to discuss important oil, gas, and petroleum developments in Australia and South-East Asia.

I thank all speakers, delegates, attendees and organisers.

Michael

The Hon Michael Gunner MLA

Chief Minister, Northern Territory
2018 Speakers

**The Hon. Michael Gunner MLA**  
Chief Minister, Northern Territory

**Senator The Hon. Matthew Canavan**  
Minister for Resources and Northern Australia

**Pat Dinan**  
Barossa Project Director, ConocoPhillips Australia

**Hitoshi Okawa**  
Director Corporate Coordination, INPEX

**Paul Tyrrell**  
Team NT Executive, Chair, Northern Territory Gas Taskforce

**David Bird**  
VP Prelude, Shell Australia

**Kevin Gallagher**  
CEO, Santos

**Ernie Delfos**  
Managing Director, Eni Australia

**Mark Schubert**  
Executive General Manager, Origin Energy

**Richard Cottee**  
Managing Director, Central Petroleum

**Yasuo Ryoki**  
Chairman, Osaka Gas Australia & Advisor, Osaka Gas Co Ltd

**Will Barker**  
Executive Director, Western Gas

**Philip Huizenga**  
COO, Carnarvon Petroleum

**Janet Hann**  
Managing Director, Neptune Energy

**Roger Cressey**  
CEO, Armour Energy Limited

**Andrew Tan**  
President & CEO, Chiyoda Oceania Pty Ltd

**Michael Tennant**  
CEO, Department of Trade, Business and Innovation, Northern Territory Government, Australia

**Richard Wrightson**  
Executive General Manager Wholesale Markets, AGL

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Michael Thomson
Chief Executive,
Power and Water Corporation

Alex Underwood
Chief Executive Officer,
Imperial Oil & Gas

David Green
General Manager Business Development,
Jemena

Dr Andrew Heap
Chief, Resources Division,
Geoscience Australia

Saul Kavonic
Oil and Gas Principal,
Wood Mackenzie

Daein Cha
Managing Director,
Transborders Energy

Rob Wheals
Group Executive Transmission,
APA Group

Cameron Parrotte
Executive General Manager,
Western Australia, Australian Energy
Market Operator

Steve Davies
Chief Executive Officer,
Australian Pipelines & Gas Association

Malcolm Roberts
Chief Executive,
APPEA

Sean Kildare
Sean Kildare, General Manager Darwin,
INPEX

Tracey Boyes
Head of Growth Assets,
Origin Energy

Will Pulsford
Senior Advisor,
Poten & Partners

Marc Howson
Director, LNG Market Development,
S&P Global Platts

Owen Pike
General Manager,
MMC Australia

Michael Ellis
Senior Partner,
McKinsey & Company

Martin Wilkes
Managing Partner,
RISC

Matthew Doman
NT Director,
APPEA
# Conference Day One: Wednesday 5 September 2018

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<tr>
<td>8.00</td>
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| 9:50  | PANEL DISCUSSION | Opportunities and growth in the NT  
- The reality – Economic development, benefits, jobs and growth  
- Development opportunities in the NT  
- Collaboration & communication – The key to success?  
- Local Content – Working with local industry for optimal project delivery  
Sean Kildare, General Manager Darwin, INPEX  
Clare Martin, Member of Team NT, NT Government  
Greg Ashe, Chief Operating Officer - Australian Zinc Assets, Glencore |
| 10:30 | Morning refreshments and networking in the exhibition                 |
| 10:55 | Welcome remarks from the Chair                                       |
| 11:00 | The opportunity to diversify the NT Economy through gas based industrial growth and expansion  
- Expand the LNG export hub  
- Establish a gas based industrial manufacturing industry  
- Grow the supply and service sector to world class standard  
- Contribute to the national energy supply and security  
Paul Tyrell, Team NT Executive, Chair, Northern Territory Gas Taskforce |
| 11:20 | KEYNOTE | ConocoPhillips Australia  
Pat Dinan, Barossa Project Director, ConocoPhillips Australia |
| 11:40 | KEYNOTE | The Ichthys LNG story  
Hitoshi Okawa, Director Corporate Coordination, INPEX |
| 12:00 | PANEL DISCUSSION | The crystal ball - Looming glut in LNG OR supply shortfalls?  
- The supply debate...The expert’s predictions  
- Potential to develop more low-cost LNG projects  
- Project challenges - financing, technical neediness & approvals  
- Bringing forward new gas supply to benefit the public – what’s on the cards?  
- Global project development update – US, Canada, East Africa, Middle East, Russia  
- China - changing environmental policy, increasing demand for gas & developing domestic gas  
- Collaboration the key to success  
Saul Kavonic, Oil and Gas Principal, Wood Mackenzie  
Andrew Tan, President & CEO, Chiyoda Oceania Pty Ltd |
| 12:30 | The Northern Australia opportunity – a Santos perspective  
- Offshore – the next wave  
- Onshore – a sleeping giant  
- The Opportunity – the size of the prize  
- The Challenge – timely, efficient regulation  
Kevin Gallagher, CEO, Santos |
| 12:50 | Lunch & networking in the exhibition                                 |

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“Woodside Petroleum chief Peter Coleman says a global LNG shortfall that many were expecting to take until the mid-2020s to hit now looks likely to strike within two years.”  
23/5/18 the Australian

“The oil and gas industry has and will play a crucial role in growing the Territory’s economy and population through further onshore and offshore investment.”  
Matthew Doman, Director South Australia & Northern Territory, APPEA 1/5/18
Conference Day One: Wednesday 5 September 2018

ONSHORE GAS IN THE TERRITORY

1:50  Origin Energy: Beetaloo Exploration Project
Mark Schubert, Executive General Manager, Integrated Gas, Origin

2:10  PANEL DISCUSSION
The next big thing...Onshore gas
— A new round of Australian projects & the rise of onshore gas exploration – What is the potential?
— What role the NT could play domestically and internationally
— The key to success is good regulation
— The importance of “social licence” and aligning operations with community values
— Is it time for a domestic gas reservation policy to ensure social license?
— What role can it play in easing the East coast shortage?
— What Onshore Gas in the Territory provide the greater industry?
— Investment & infrastructure – what’s required to maximise opportunities?
— Economic benefits, jobs and growth – The reality
Matthew Doman, NT Director, APPEA
Tracey Boyes, Head of Growth Assets, Origin Energy
Owen Pike, General Manager, MMC Australia
Michael Tennant, Chief Executive, Department of Trade, Business and Innovation

2:50  Central Petroleum - The largest onshore gas producer in the Northern Territory
Richard Cottee, Managing Director, Central Petroleum

3:10  Afternoon refreshments & networking in the exhibition

3:40  Armour Energy’s growth trajectory
Roger Cressey, CEO, Armour Energy Limited

4:00  Imperial’s Unconventional Petroleum Project in the McArthur Basin
Alex Underwood, Chief Executive Officer, Imperial Oil & Gas

4:20  Strike – On both the East and West frontiers
— East – The Southern Cooper Basin Gas Project is poised to be the next major development hub for new East Coast Upstream supply
— West – West Erregulla is on track to be the cheapest gas in West
— Paradigm shifts through the application of technology & perseverance
Stuart Nicholls, Managing Director & Chief Executive Officer, Strike Energy

4:40  Exploring for the Future: Pre-competitive geoscience to drive new resource discoveries in Northern Australia
Much of Australia’s mineral resource potential remains hidden below its surface. Geoscience Australia’s $100.5 million Exploring for the Future program is delivering a suite of exciting new products that reveal new resource opportunities across Northern Australia and parts of South Australia. In conjunction with other technologies currently in development at Geoscience Australia, there is a growing range of baseline pre-competitive geoscience and location data and tools that can inform and encourage better decision making, and attract investment in resource exploration.
Dr Andrew Heap, Chief, Resources Division, Geoscience Australia

5:00  Closing remarks from the Chair

NT RESOURCES WEEK GALA DINNER
6:30pm
Wednesday 5 September 2018  |  The Lawns, SKYCITY Darwin

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Conference Day Two: Thursday 6 September 2018

8:30  Networking breakfast in the exhibition halls

9:00  Opening remarks from the Chair

THE ROLE OF GAS & NEW MARKETS

9:05  Policy certainty opens doors to energy security, jobs and business growth in the NT

Rob Wheals, Group Executive Transmission, APA Group

9:20  PANEL DISCUSSION

The role of gas ‘the enabler’ in a renewable future
—  Is gas the key to energy sustainability?
—  The role of gas in power generation
—  Preparing for the energy transition & opportunities arising
—  Gas growing importance as a transition fuel and long-term role in providing a secure energy supply
—  Focusing on efficiency, productivity, operational excellence and cost control

Cameron Parrotte, Executive General Manager, Western Australia, Australian Energy Market Operator
Janet Hann, Managing Director, Neptune Energy
Michael Ellis, Senior Partner, McKinsey & Company
Martin Wilkes, Managing Partner, RISC

10:15  Carnarvon Petroleum – Redevelopment plans for Buffalo Oil Field

—  New technology unlocks 31 million barrels of oil (2C) in Buffalo oil field
—  Seismic reprocessing over Buffalo oil field using new FWI technology
—  Development planning underway for 3 wells and leased FPSO
—  Maritime Boundary changes expected to have minimal impact on field redevelopment

Philip Huizenga, COO, Carnarvon Petroleum (subject to availability)

10:35  Eni Australia - Evans Shoal

Ernie Delfos, Managing Director, Eni Australia

10:55  Accelerating development of Western Australia’s gas discoveries

Western Gas is taking a new approach to developing the 2Tcf gas Equus Gas Project, from project planning through to gas sales marketing. With first gas planned from 2023, Western Gas is focused on the timely development of a vital new source of gas for the Western Australian market.

Will Barker, Executive Director, Western Gas

11:15  Morning refreshments & networking in the exhibition

LNG TRADING

11:45  PANEL DISCUSSION

The evolution of LNG Trading
—  Forecast changes on contract structures – What will this mean for the producers and the market?
—  The shift to spot pricing of LNG, & the impact on the industry
—  How are global changes to a low carbon future leading to seasonal demand and calls for flexibility?
—  How are shorter-term, smaller contracts affecting financing and the construction of LNG projects?
—  Are we seeing a power shift back to LNG buyers as they demand more flexible volumes?
—  The effect of the emergence of the US as a significant LNG vendor
—  Pricing trends

Will Pulsford, Senior Advisor, Poten & Partners
Marc Howson, Director, LNG Market Development, S&P Global Platts

12:15  Investment and business development in Australia, one of the most important LNG suppliers to Japan - From a Japanese energy company’s perspective

—  Significance of investment in the energy sector in Australia for Osaka Gas
—  Osaka Gas’ history of investment and future strategy in Australia
—  Expectation for Australia from an LNG importer and investor’s point of view

Yasu Ryoki, Chairman, Osaka Gas Australia & Advisor, Osaka Gas Co Ltd

OFFSHORE GAS IN THE TERRITORY

9:55  How local content drives performance

The Prelude FLNG facility started out in a shipyard in Geoje, South Korea and its construction took place across the globe. The facility is now securely on station, 475km North-North East of Broome in Western Australia and once operating will be an Australian asset within Shell’s LNG portfolio.

To make Shell’s first deployment of FLNG possible, partnerships have been critical both from a technical and commercial perspective as well as more broadly to improve local content and social outcomes.

This presentation will explore these partnerships in more detail ranging from the grass roots organisations that Shell Australia supports through its social investment programs, through to partnerships with universities, industry collaborations, training institutes and local businesses

David Bird, VP Prelude, Shell Australia

“With this treaty, we open a new chapter in relations between Australia and Timor-Leste,”
Australian Foreign Minister Julie Bishop 9/3/18, The Straits Times

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## Conference Day Two: Thursday 6 September 2018

### SOLVING THE SHORTAGE IN THE EAST

**1:30**  
**Future east coast gas markets**  
- The drive to liquid gas markets in Australia  
- The role of gas imports  
- The impact of renewables on gas generation  
- What price gas  

Richard Wrightson, Executive General Manager Wholesale Markets, AGL Energy

**1:50**  
**Changing landscape of pipeline markets and gas flows**  
- Implications of new arbitration and information disclosure regime  
- Capacity trading and auctions  
- New investment  

Steve Davies, Chief Executive Officer, Australian Pipelines & Gas Association

### SUCCESSFUL SUPPLY CHAIN & SAFETY

**3:10**  
**Topic to be announced**  
Malcolm Roberts, Chief Executive, APPEA

**3:30**  
**Building a strong and consistent safety culture**  
Please check the conference website for regular updates on speakers and topics: www.seaaoc.com

### UNLOCKING STRANDED GAS

**3:50**  
**A new approach to value creation – Accelerated stranded gas resource commercialisation via low-cost small scale floating LNG projects**  
Daein Cha, Managing Director, Transborders Energy

### Infrastructure to bridge the east coast gas shortage

**2:10**  
**The state of play in the east coast gas market today**  
**Consistent policy that facilitates a market led recovery**  
**The Northern Gas Pipeline – unlocking the north**  
**Jemena’s infrastructure vision means Northern Australian jobs and investment**  

David Green, General Manager Business Development, Jemena

### Gas in the NT – An attractive destination in an east coast energy crisis

**2:30**  
**Success of PWC in the gas industry in both NT and east coast**  
**Foundation customer of Northern Gas Pipeline**  
**Overview of gas resources onshore and offshore in NT**  
**NT government’s aim to attract new energy intensive industry**  

Michael Thomson, Chief Executive, Power and Water Corporation

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ConocoPhillips - Platinum and Welcome Reception Sponsor

ConocoPhillips is the world’s largest independent exploration and production company based on production and proved reserves. We explore for, develop and produce crude oil and natural gas globally. Headquartered in Houston, Texas, ConocoPhillips has operations and activities in 17 countries, $71 billion of total assets, and approximately 11,200 employees worldwide.

Our Australian portfolio includes the Darwin LNG facility in the Northern Territory and Bayu-Undan field in the Timor Sea, the Australia Pacific LNG facility in Queensland and the Barossa Offshore Project in Northern Australia. We also have exploration and appraisal projects in Australian and Timorese waters including Caldita-Barossa, Greater Poseidon and the Greater Sunrise fields.

In 2018, with the support of the local Darwin and wider community in the NT, we celebrate 11.5 years of operation at Darwin LNG, having delivered over 630 LNG cargoes with the highest standards of safety, environmental and operational excellence.

During our time in the Northern Territory, we’ve proudly trained a world-class, residential workforce, invested in local business, and developed capacity in the local supply chain and service sector. We are proud to be pioneers in the NT LNG industry – promoting economic growth, healthy environments and vibrant communities.

Please visit our website www.conocophillips.com.au and connect with ConocoPhillips on Facebook, LinkedIn, YouTube and Twitter.

INPEX Australia is a key part of INPEX CORPORATION, a worldwide oil and gas exploration and production company, headquartered in Tokyo, Japan.

INPEX has been part of the Australian business community for more than 30 years, turning heads recently, with the construction of the crown jewel in its global project portfolio – the Ichthys LNG Project.

Located in northern Australia, the Project is considered to be three mega projects in one. The INPEX-operated Ichthys LNG Project is effectively three mega-projects in one – incorporating some of the world’s largest and most advanced offshore facilities located off the Western Australian coast, state-of-the-art hydrocarbon processing facilities in Darwin and an 890 kilometre subsea pipeline connecting these together.

The Project has generated thousands of Australian jobs, provided significant tax revenue for Australian Governments and continues to deliver economic and community benefits across Australia, especially in the Northern Territory and Western Australia. With an expected operating life of around 40 years, Ichthys LNG is here for the long haul.

For more information visit: www.inpex.com.au

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A COMPREHENSIVE MARKETING OPPORTUNITY NOT-TO-BE MISSED

The 10th Annual NT Resources Week 2018 Exhibition will provide you with an exceptional opportunity to penetrate Northern Australia’s resources and construction industry markets.

Showcase your products, innovations and services in the exhibition hall across the two days.

Be a part of Northern Australia’s largest resources and construction industry!

Northern Australia’s largest and longest established petroleum conference returns for its 24th year. This marquee conference features presentations from all of the region’s major players including INPEX, ConocoPhillips, eni, Santos, Origin Energy and many more. A key focus will be on the next wave of offshore projects which are being brought forward for development, and what this will mean for investment in Australia’s north. The enormous potential for an onshore gas industry in the NT will also be covered in detail and the new opportunities discussed. This simply is the must-attend gathering for everyone associated with the petroleum and gas industries in Northern Australia.

Building the Territory is the key conference which brings together the major civil construction opportunities taking place across the NT. Key sessions focus on the roll out of defence industry construction, new apartments and commercial buildings, local government projects across Darwin and the regions, the latest construction investments in the north’s agriculture and livestock sectors, ports/logistics and transport, new roads, and the roll out of large scale solar and energy storage infrastructure – plus much more including the potential for a new space industry in the NT.

Northern Australia’s leading mining industry conference – A unique top-end experience. Join us for a comprehensive programme covering every step from exploration and development to operation and logistics. Hear from some of the industry’s leading operators Glencore, Rio Tinto, Newmont and Northern Star Resources alongside a catalogue of key near-term and prospective projects from Verdant Minerals, Tellus Holdings, Emmerson Resources, Vista Gold and more. Featuring commentary from government officials and sector stalwarts, Mining the Territory is the major gathering in Northern Australia’s Mining Calendar and an event not to be missed.

ONE DELEGATE PASS TO ANY OF THESE CONFERENCES GIVES YOU ACCESS TO ALL OF THE SESSIONS ACROSS THE THREE EVENTS AT NT RESOURCES WEEK

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