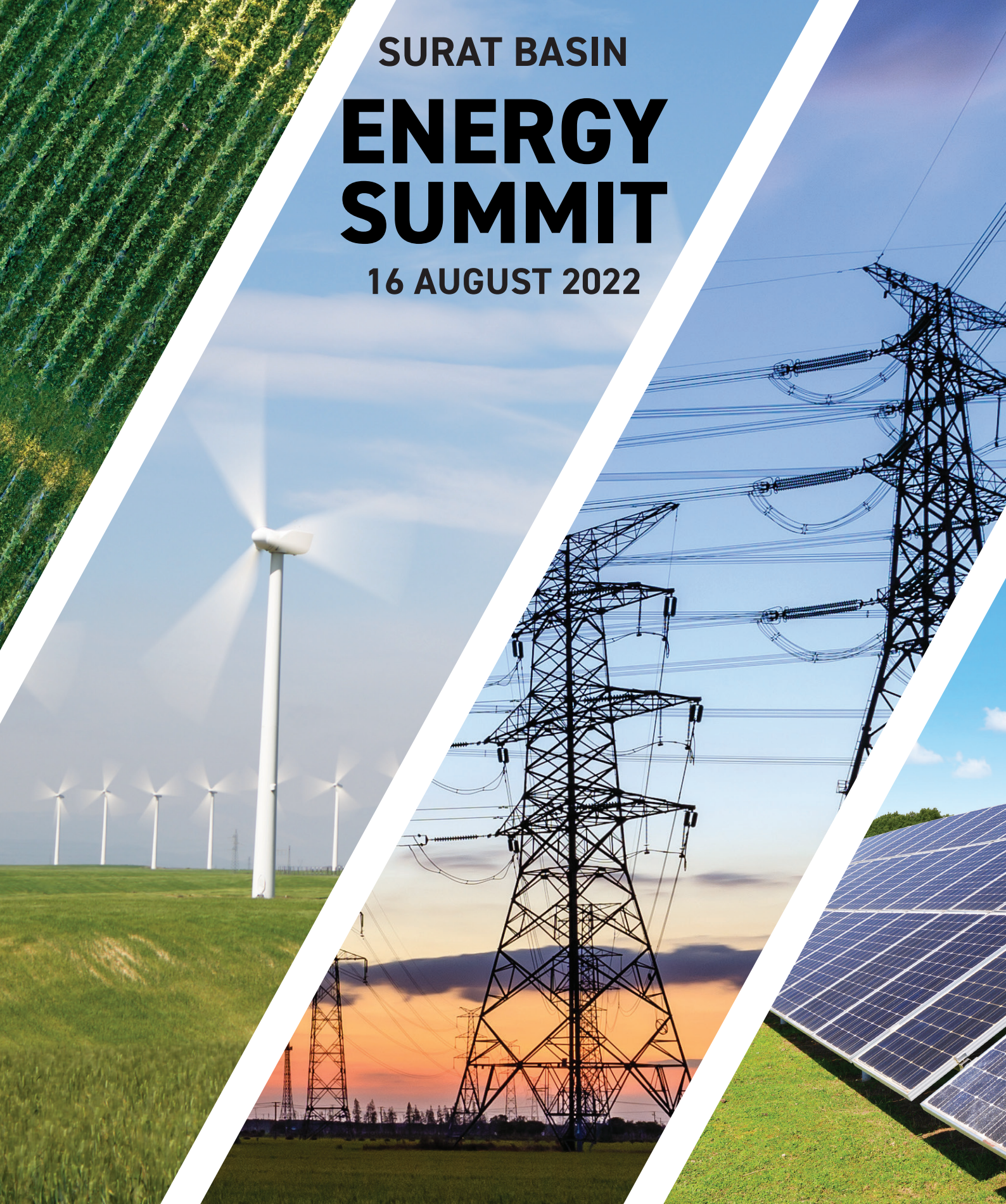


# SURAT BASIN ENERGY SUMMIT

16 AUGUST 2022



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**SURAT BASIN  
ENERGY  
SUMMIT 2022**

# SURAT BASIN ENERGY SUMMIT

16 AUGUST 2022

**One day conference, Tuesday, 16 August,  
concluding with welcome drinks**

**Energy Site Tours Wednesday, 17 August**

The Surat Basin, known as the **Energy Capital of Queensland**, has the potential to become the most diverse energy production region in Australia. Today's summit will bring industry leaders together to explore how the Surat Basin can continue to deliver energy production, ensuring regional economic growth for decades to come.

Today we will discuss how the current energy landscape and the future low carbon transition will create both opportunities and challenges for existing and emerging energy producers.

Today's speakers are leaders from existing Surat Basin energy companies who will outline what gives them confidence to continue to invest in the region, discuss the challenges they face in the changing energy landscape and talk about their goals for the future.

Speakers will also discuss renewable power and utilities in order to fully understand how the Surat Basin can help meet sustainability targets and maximise the opportunities from the Southern Queensland Renewable Energy Zone (SQREZ).

The 2022 Surat Basin Energy Summit, facilitated by TSBE, will help the region maximise the opportunities from the energy sector now and into the future.



**8.30am****Registration**

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**9.25am****Acknowledgement of Country**Peter Jackson, Mandana

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**9.30am****Welcoming address**Mayor Paul McVeigh, Western Downs Regional Council

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**9.40am****Major sponsor address**Nick King, Technical Services Manager, Intura

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**9.45am****Setting the Scene**

An update on the current energy market both nationally and globally with a focus on the Surat Basin's role as the energy capital of Queensland.

Professor Andrew (Alf) Garnett, Director, Centre for Natural Gas and Director, Carbon Capture and Storage (CCS) Program, UQ

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**10.10am****Conference partner address**Andrew Percival, National Sales Manager - C & I , Trina Solar

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**10.15am****Panel Discussion on Renewables**

There are currently 34 large-scale renewable projects under development in the Surat Basin, with a total capacity of almost 11 GW.

This panel discussion, led by Marija Petkovic, Founder and Managing Director, Energy Synapse will explore the opportunities and the challenges emerging from growth and increased demand for renewable energy.

Julie Whitcombe, GM Strategy and Development, CleanCo Queensland

David Smith, Head of Australia, Cubico Sustainable Investments

Phil Richardson, General Manager New Energy Projects, Stanwell Corporation

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**11.05am****Morning Tea**

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**11.30am****Update from Shell Australia**

How the global energy transition offers significant opportunities for the agriculture sector, and how to ensure that rural and regional communities continue to thrive.

Tony Nunan, EVP Integrated Gas Australia and Australia Country Chair, Shell Australia

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**11.50am**

**Coal and the Surat Basin - Discussion**

Coal has been a mainstay energy resource for the Surat Basin for many decades and the Surat is home to three thermal power stations. Projects such as the Kogan Creek Power Station, and the two other power stations play a vital role in providing firming power to the grid and are playing a large role in the transitioning and diversity of energy.

This panel discussion, led by **Ali Davenport, CEO, Toowoomba and Surat Basin Enterprise** will focus on the important role of coal during the energy transition, with a future focus of regional energy hubs.

**Ian Macfarlane, Chief Executive, Queensland Resources Council**

**Andrew Bills, CEO, CS Energy**

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**12.35pm**

**Lunch**

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**1.35pm**

**Natural Gas - Panel Discussion**

The Surat Basin has the largest amount of onshore natural gas activity and investment in Australia.

This panel discussion, led by **Rick Wilkinson, Head of Consulting for EnergyQuest**, will discuss the future of gas in the Surat Basin and its role in meeting global energy and emissions targets.

**Cecile Wake, CEO, Arrow Energy**

**Samantha McCulloch, Chief Executive, APPEA**

**Ian Davies, CEO, Senex Energy**

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**2.20pm**

**Update from Powerlink**

A Queensland energy market outlook, discussing energy policy, system operations and system planning to ensure businesses can maximise their investment and solidify our position to become the Energy Capital of Australia

**Paul Simshauser AM, Chief Executive, Powerlink**

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**2.50pm**

**Afternoon Tea**

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**3.25pm**

**Conference partner address**

**Adam Stent, Managing Director, Solar Injection Australia**

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3.30pm

### **Future Energy Production for the Surat Basin – Panel Discussion**

New energy sources such as hydrogen and biomethane, as well as pumped hydro technology could provide opportunities for the region to further cement its position as the energy capital of Queensland.

This panel, led by **Gemma Claase, Head of Renewable Energy, Marsh**, will discuss how future plans for the energy landscape will create both opportunities and challenges for existing and emerging energy producers.

**Emma Roberts, Executive General Manager Future Energy, CS Energy**

**Roger Pattison, Director, Helmont Energy**

**Scott Walkem, Managing Director, BE Power**

**Jodie Taylor, CEO, Western Downs Regional Council**

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4.30pm

### **Closing Address**

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5.30pm -

### **Networking Event**

7.30pm

### **Jubri's Hideaway**

**Buses are available to transport people to and from the networking event**

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## **Energy Site Tours | 8.30am - 1pm Wednesday, 17 August 2022**

Meet at Thomas Jack Park, Pratten Street, no later than 8:30am.

Please wear enclosed shoes, long sleeve shirt and long pants.

Attendees will be asked to take a COVID-19 test at the Darling Downs Power Station.

### **Darling Downs Solar Farm**

APA will be hosting attendees to see their 108-megawatt Darling Downs Solar Farm (DDSF) near Dalby. The solar farm has approximately 440,000 solar panels covering approximately 280 hectares and connects into the NEM (National Electricity Market) via the Substation.

Construction of the solar farm was completed in late 2018 and it was officially opened by Queensland Minister for Natural Resources, Mines and Energy the Honourable Dr Anthony Lynham MP on Tuesday 12 November 2019.

### **Darling Downs Power Station**

Join us on a tour of Darling Downs Power Station (DDPS), one of Australia's most modern, flexible and efficient combined cycle gas generators.

Increased deployment of renewable generation like solar and wind around the state means we have had to change the way we operate to provide energy when there is no sun or wind and change to a more flexible way of working.

On the tour you will hear how we have adapted and see what makes up a power station – heat recovery steam generators, gas and steam turbines, air cooled condensers and much more.

**Attendees will be taken to both sites, and it is a great opportunity to understand two of the Surat's diverse energy production facilities in operation, as well as understand the opportunity and the role that they play.**

## Meet The Speakers



### Paul McVeigh

Mayor

**Western Downs Regional Council**

Having lived on the Western Downs for more than 55 years, Councillor Paul McVeigh brings a sense of pride and positivity to his second term as Mayor and is determined to build a legacy that our future generations will prosper from.

Coupled with his credentials in agriculture, which include family properties at Nandi, Warra and Moonie, and his former role as Director of Cotton Seed Distributors, Cr McVeigh is a proven campaigner for buying local, and has extensive experience as a local business owner and advocate in the community.

Committed to leading a progressive and high-performing Council team, Cr McVeigh stands by his platform of People, Progress and Performance.

His areas of interest include agricultural development, water rights, and fostering community spirit by being a positive and proactive voice for the people of Western Downs.

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### Nick King

Technical Services Manager

**Intura**

Nick King is a partner and the Technical Services Manager for Intura, and has been with the company since it was founded 5 years ago.

He has a broad technical background having worked in the in the defence, aviation, construction, CSG and renewable energy industries.

Nick is a firm believer in supporting the local community and is the president of the Chinchilla Chamber of Commerce and Industry.

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### Professor Andrew (Alf) Garnett

**Director, Centre for Natural Gas and Director, Carbon Capture and Storage (CCS) Program, UQ**

For more than a decade Professor Andrew Garnett has led a large multidisciplinary research program focussing on varied aspects of Queensland's natural gas industry including social and environmental impact, and cost and supply optimisation.

Professor Garnett began his career in the oil and gas sector, prior to consulting on unconventional developments. Prior to joining UQ, he led the 500MW ZeroGen integrated gasification combined cycle and carbon capture and storage (CCS) project, ultimately closing the project down as CEO.

Most recently, as the Director, UQ CCS Program, Professor Garnett led a three-year study identifying strategies to make material emissions cuts in Queensland as well as to enable low carbon baseload power, deliver significant benefits for regional employment, and stimulate the hydrogen economy.



## **Andrew Percival**

National Sales Manager -  
C & I

**Trina Solar**

Trust, collaboration and partnership are the three main pillars that Andrew is known for in the Renewable Energy Industry. Andrew's experience spans 12 years in renewables and during this time, he has steered many relationships to success in projects including:

- Microgrids.
- C & I and Large Scale solar.
- Battery Storage.
- Energy Contracts.
- Project Investment.

Andrew has also developed an acute awareness and unique experience with regional Australian stakeholders allowing him to support successful and profitable project development whilst ensuring the needs of local communities are well and truly served.



## **Marija Petkovic**

CEO

**Energy Synapse**

Marija Petkovic is the Founder and Managing Director of software and advisory firm, Energy Synapse. Marija is a leading expert in wholesale electricity markets and the transition to clean energy and has worked internationally across Australia, New Zealand, and the United States. She is a highly sought-after advisor and is frequently quoted in media such as ABC News, Sydney Morning Herald, 7 News, RenewEconomy and more.

Marija and her team provide revenue modelling and advisory services for utility-scale clean energy and storage projects. Energy Synapse also offers a software platform, which analyses the financial performance of every large-scale wind, solar, battery, and pumped hydro asset in the grid.

Marija holds a Bachelor of Engineering (Chemical) (Hons I) and a Bachelor of Commerce (Finance) from the University of Sydney.



## **Julie Whitcombe**

GM Strategy and  
Development

**CleanCo Queensland**

Julie has a wealth of experience in strategy and operational leadership roles across a range of industries. This includes eight years as an executive with Australian gas developer and producer Senex Energy, as well as two years as CEO of RDO Australia, the Australian arm of the world's largest John Deere and Vermeer dealership business. She studied engineering and is also a Chartered Accountant, having spent her early career working in strategy and advisory services with PwC and AT Kearney in Australia and the UK. She is currently leading strategy and development at CleanCo where she is helping to guide the next phase of growth for the energy generator and retailer.



## **David Smith**

Head of Australia  
**Cubico Sustainable  
Investments**

David Smith is Head of Australia at Cubico, with responsibility for origination and execution of new investments and whole of life asset management.

David has had extensive experience in renewable energy, from development to construction, origination, execution and asset management. David was previously Head of Iberia at Cubico, leading the growth of the business from 2 water assets to a team of 15 asset management specialists managing 8 assets in wind, water, PV and concentrating solar thermal generation.

David has a Bachelor of Engineering (Chemical) and an MBA from the Australian Graduate School of Management at UNSW.

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## **Phil Richardson**

General Manager,  
New Projects  
**Stanwell Corporation**

Phil Richardson has 15 years' experience developing strategy and executing commercial projects and economic policy reforms, with a focus on the energy sector. As General Manager New Energy Projects at Stanwell Corporation, Phil is delivering a range of renewable energy, energy storage and hydrogen projects as part of Stanwell's portfolio strategy. Phil is the project owner for Stanwell's Central Queensland Hydrogen Project. Prior to joining Stanwell, Phil held senior roles in the Queensland Government in energy and economic policy. Phil holds a Master of International Economics and Finance, Master of Governance and Public Policy and Bachelor of Arts from the University of Queensland.

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## **Tony Nunan**

EVP Integrated Gas Australia  
and Australia Country Chair  
**Shell Australia**

January 2020 marked the start of a new role for Tony, as EVP Integrated Gas Australia and Country Chair. Tony describes it as an honour and a privilege to lead the Shell business in Australia through the energy transition, with the purpose to power progress together to provide more and cleaner energy solutions, for Australia and the world.

With degrees in Land Resource Science from the University of Queensland and Law from the University of New England, Tony joined Shell's QGC business in 2008. Since then he has held a variety of land, community, asset management and legal roles. In 2015, just prior to the Shell and BG integration, Tony became QGC Managing Director as the business commenced production operations. Following Shell's acquisition of BG, he was appointed Vice President QGC for Shell Australia, and then VP East, Shell Australia, until his appointment as EVP Integrated Gas Australia and Country Chair.





## **Ali Davenport**

CEO

**Toowoomba and Surat Basin  
Enterprise**

As the CEO of TSBE Ali Davenport leads a highly motivated team to deliver economic development for Toowoomba and the Surat Basin. Commencing in the role in 2018, Ali believes the region's strength is the diversity of the economy and the resourcefulness of its people. She loves the fact that TSBE is a purpose driven organisation making a difference to local businesses by connecting them to opportunities.

Ali's professional career has taken her to many parts of regional Queensland including Cairns, Mackay and the Gold Coast as well as the city of Brisbane. Previously she worked in media managing radio and television stations as well as newspapers but now has firm roots on the Darling Downs.

In her time at TSBE, Ali has helped the organisation grow from a staff of 15 to its current size of 23 full time employees. This growth has given TSBE greater capability to assist more businesses to access opportunities providing further economic development for the entire region.

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## **Ian Macfarlane**

Chief Executive

**Queensland Resources  
Council**

Ian Macfarlane is the Chief Executive of the Queensland Resources Council, a non-executive director of Woodside Petroleum, Chairman of the Innovative Manufacturing Co-operative Research Centre, a board member of both CSIRO and of TSBE, a member of the UQ Rural Clinical School Toowoomba Community Advisory Committee, an Honorary Fellow of AusIMM Minerals Institute, and a Fellow of the AICD.

Ian was elected to Federal Parliament in 1998 and retired in 2016. He is Australia's longest serving Federal Resources and Energy Minister and the Coalition's longest serving Federal Industry and Innovation Minister.

Ian has farmed peanuts, sorghum and wheat, and ran cattle in Queensland's Burnett region. He was President of the Queensland Graingrowers Association, President of the Grains Council of Australia and held executive positions on the Queensland and National Farmers' Federations.

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## **Andrew Bills**

CEO

**CS Energy**

Andrew Bills is the CEO of CS Energy, a large Queensland based generation company. He has over 25 years' experience in the energy industry across the public and private sectors, covering power generation, retail supply, distribution, LPG and energy trading.

Andrew's previous roles include executive roles at Origin Energy, Babcock and Brown Power, Stanwell Corporation and as a Director at PwC.

Andrew holds an MBA, BA and is a Graduate of the AICD. Andrew is currently a Director of the Australian Energy Council.



**Rick Wilkinson**  
Head of Consulting  
EnergyQuest

Rick Wilkinson is Head of Consulting for EnergyQuest, an energy advisory firm. He has more than 35 years of experience in the oil and gas industry.

Prior to EnergyQuest, Rick worked at APPEA, the peak upstream petroleum industry association, where he held positions as Chief Technical Officer and Chief Operating Officer of the Eastern Region.

Rick held various roles with Santos over 14 years, including President GLNG and Queensland, and Vice-President Commercial. He has held managerial and engineering positions with the major oil service company, Schlumberger in Iran, Iraq, Egypt, Sudan and the USA.

Rick is an Adjunct Professor at the University of Queensland's Centre for Natural Gas.



**Cecile Wake**  
CEO  
Arrow Energy

Cecile was appointed to the role of Arrow CEO in January 2020, after four years with Shell Australia as Vice President – Commercial and New Business Development.

With more than 20 years of international experience in LNG, oil and gas project development and operations, and high value merger and acquisitions in the oil, gas and mining sectors, she has a proven track record of leadership and delivery in diverse operating environments.

Prior to joining Shell, Cecile held several senior executive positions in BG Group and QCLNG projects in Queensland and was a partner at leading London-based international law firm, Herbert Smith Freehills, for nine years.



**Samantha McCulloch**  
Chief Executive  
APPEA

Samantha McCulloch is the Chief Executive of the Australian Petroleum Production & Exploration Association (APPEA).

An internationally recognised carbon capture, utilisation and storage expert, Ms McCulloch has a highly informed view of the critical role the oil and gas industry continues to play in meeting global energy and climate goals.

Before joining APPEA, she led the International Energy Agency's CCUS Unit since 2018.

Ms McCulloch has more than 20 years of policy, industry and technical expertise from previous roles within government, industry associations and the private sector in Australia and internationally.

She holds a Bachelor of Laws (Hons) and Bachelor of Commerce (with Distinction) from the University of Wollongong, as well as a Master of Public Policy (with Merit) from the Australian National University.



## **Ian Davies**

CEO  
Senex Energy

Ian has led Senex Energy as CEO since 2010, navigating the business through significant growth and transformation. Under Ian's leadership, the Company has transformed into a leading east coast natural gas supplier, committed to securing Australia's energy future.

In 2017, Ian was elected to the Australian Petroleum Production and Exploration Association (APPEA) Board of Directors and in 2021 was appointed Chairman.

Before joining Senex, Ian was influential in the growth of the CSG-to-LNG industry in Queensland as Chief Financial Officer of Queensland Gas Company Limited (QGC). Ian led the negotiation of the LNG joint venture transaction with BG Group and the takeover offer for QGC by BG Group – the largest on-market takeover in Australian corporate history at that time.

Ian spent the early part of his career in corporate tax advisory within mining and energy with PwC in Brisbane and as an investment banker with Barclays Capital in London.

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## **Paul Simshauser AM**

Chief Executive  
Powerlink

Prof. Paul Simshauser AM brings to Powerlink more than 20 years' experience in the energy industry across the public and private sectors with extensive experience in generation, retail, energy policy and public administration.

Paul's previous roles include Director-General of the Queensland Department of Energy & Water Supply, EGM Energy Markets at Infigen Energy and Chief Economist & Group Head of Corporate Affairs at AGL Energy Ltd. He has also held executive positions at Stanwell Corporation and Babcock & Brown.

Paul holds Bachelor Degrees in Economics and in Commerce, has a Masters Degree in Accounting & Finance, and a PhD in Economics. He is a Fellow of CPA Australia, and a Fellow of the Australian Institute of Company Directors.

He was awarded a Member of the Order of Australia in 2019 for significant contribution to the energy industry through executive roles and applied economics and policy research.

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## **Adam Stent**

Managing Director  
Solar Injection Australia

Adam has comprehensive technical expertise and nearly 30 years of experience in designing and selling high-pressure, and chemical injection systems, Adam ran Haskel Australasia for 14 years before setting up Solar Injection Australia Pty Ltd, which includes a manufacturing and service capability for the SiA Pumps, ProTech Pumps, and EcoDose Fertigation brands.



## **Gemma Claase**

Head of Renewable Energy  
**Marsh**

Gemma has worked within renewable energy insurance for 12 years including many first of a kind projects. As a Certified Professional in Renewable Energy Finance, Gemma has unique insight into recourse and non-recourse projects. Gemma has worked with many clients who have invested in renewable energy portfolios and has also carried out due diligence exercises for renewable energy investors.



## **Emma Roberts**

Executive General Manager  
Future Energy  
**CS Energy**

Emma Roberts leads CS Energy's Future Energy division, which is spearheading the development of a new low-cost, decarbonised and flexible energy portfolio for the business. The division includes business development, future energy asset design and project management, retail sales, customer products, and policy and regulatory advocacy.

Her in-depth knowledge of the National Electricity Market, coupled with her commercial acumen and leadership skills, has seen Emma hold a variety of senior roles since joining CS Energy in 2012. These include Senior Legal Counsel, Acting Executive General Counsel and Company Secretary, and Head of Future Energy.

Emma has developed a strong reputation for leading cross-functional teams to deliver positive business outcomes. She led the establishment of CS Energy's retail function and has driven CS Energy's pivot towards a customer-focussed culture as the business diversifies in response to the transformation of the energy system.



## **Roger Pattison**

Director  
**Helmont Energy**

Roger has a wealth of experience in project development over 35 years in the infrastructure and energy industries. Roger was previously the Director of Energy, Mining and Industry at Parsons Brinkerhoff (now WSP) where he oversaw the delivery of multiple projects from concept to construction. After leaving WSP in 2013, he joined EDL as Executive Manager - Business Development where he worked to develop and extend clean and remote energy projects across Australia. Recently, Roger consulted to deliver renewable research projects and investigated for state government priorities for mining exploration. In late 2019 Roger saw the opportunity to develop projects which create regional growth and sustainable outcomes and with Mark Jonker founded Helmont Energy.



## **Scott Walkem**

Managing Director

**BE Power**

Scott Walkem is the Managing Director for BE Power and holds a Bachelor of Economics. He practiced as a banker for 16 years initially at ANZ and later at the Bank of Scotland in Leveraged Buy-out's.

Scott departed banking to establish a mine engineering and construction business that employed 900 staff and operated across 6 countries.

Scott departed the mining industry to found BE Power a renewable power plant developer with a focus on dispatchable energy.

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## **Jodie Taylor**

CEO

**Western Downs Regional  
Council**

Jodie Taylor has more than 25 years of experience in local government and has worked for Western Downs Regional Council for the past 15 years.

Appointed CEO of Western Downs Regional Council in December 2021, Jodie continues to utilise her experience in local government to be a driving force for the economic diversification of our region.


As both the first female General Manager and Chief Executive Officer at Western Down Regional Council, Jodie values and introduces diversity into an increasingly progressive Council.

Jodie is committed to using her knowledge of the region to achieve great outcomes for the community through innovation and delivering on Councils' strategic priorities under its Corporate Plan.


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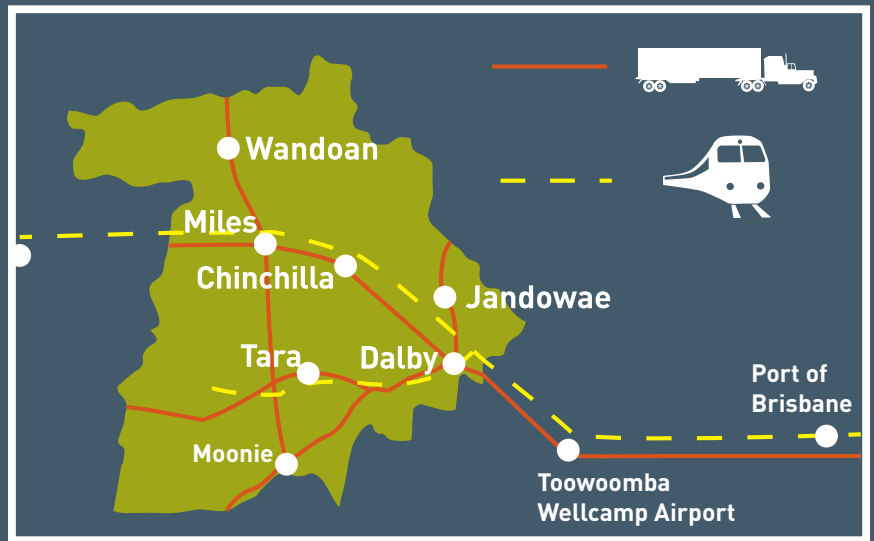
# ESTABLISH YOUR BUSINESS IN THE WESTERN DOWNS

Locating your business in the Western Downs positions you with easy connectivity to national and international export markets, a growing diverse economy with established supply chains, lower location investment costs and the support of a progressive regional council.

As at June 2018, the Gross Regional Product (GRP) of the Western Downs region has grown by 26.3 percent over a twelve-month period to reach \$4 billion.

With a strong agricultural foundation that continues to grow and diversify, the region has also experienced investment over the past 15 plus years by the Energy Production Industry (EPI) into large scale resource sector developments.

These ongoing projects and others, provide flow-on economic opportunities for your business to increase business scope and profitability.



## Fast Facts

- The Energy Capital of Australia
- Opportunity across a diverse range of established industries and access to major projects
- Access to the award-winning Western Down Regional Council Planning Scheme (fast approval process)
- Land zoned to allow for low, medium and high impact industry
- Up to 87% lower land acquisition costs per hectare when compared to the Brisbane city area
- Available land to expand your business as required
- A pool of skilled workers with positive team cultures and high workforce retention rates
- Efficiencies around connectivity (road, rail and air), with B-Triple approved routes
- Access to the Port of Brisbane and Toowoomba Wellcamp Airport create export opportunities
- Support from economic development groups, industry groups, active Chambers of Commerce and Western Downs Regional Council

