



REPORT BY

THE HONOURABLE MICK DE BRENNI MP

**MINISTER FOR ENERGY, RENEWABLES AND
HYDROGEN
MINISTER FOR PUBLIC WORKS AND PROCUREMENT**

**VISIT TO
UNITED KINGDOM AND SPAIN**

2 SEPTEMBER 2023 – 10 SEPTEMBER 2023

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1.0 Official Delegation

Name	Position	Organisation
The Honourable Mick de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works
Mr James Campbell	Principal Advisor	Department of Energy and Public Works

2.0 Accompanying Guests

Name	Position	Organisation
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Mr Kevin Lander	Area Manager, Energex	Energy Queensland Limited
Mr Wade Ferricks	Technical Training Supervisor, Ergon Energy	Energy Queensland Limited
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland
Mr Warren Bartlett	Deputy Commissioner, Europe	Trade and Investment Queensland
Mr Joey Davis	Trade Manager, Europe	Trade and Investment Queensland

3.0 Program

Date	Details
2/09/2023 – 3/09/2023	Flight Brisbane to London
3/09/2023	Dinner with Trade and Investment Queensland and Australian High Commission
4/09/2023	Meeting with RWE
4/09/2023	Meeting with Lord Callanan, Parliamentary Under Secretary of State (Minister for Energy Efficiency and Green Finance)
4/09/2023	Networking lunch and briefing to key UK investors by Minister de Brenni MP and Director-General on Queensland Energy and Jobs Plan
4/09/2023	Meeting with Mott MacDonald
4/09/2023	Stakeholder event
4/09/2023	Dinner with key European investors
5/09/2023	Meeting with Vestas
5/09/2023	Meeting with the Baroness Neville-Rolfe DBE CMG, Minister of State (Cabinet Office)
5/09/2023	Travel to Liverpool
5/09/2023	Tour of Tratos UK high-voltage cable manufacturing and technical facilities
5/09/2023	Travel to Manchester
5/09/2023	Manchester Talent Exchange Event
6/09/2023	Travel to Madrid
6/09/2023	Tour of Iberdrola Training Campus
6/09/2023	Dinner with Acciona
7/09/2023	Meeting with Australian Ambassador to Spain
7/09/2023	Meeting with Iberdrola
7/09/2023	Networking lunch and briefing to key European investors by Minister de Brenni MP and Director-General on Queensland Energy and Jobs Plan
7/09/2023	Travel to Valencia
8/09/2023	Tour of Power Electronics HQ and production facility
8/09/2023	Tour of Iberdrola La Muela II 2GW Hydropower plant
8/09/2023	Travel to London
9/09/2023 – 10/09/2023	Flight London to Brisbane

4.0 Executive Summary

The purpose of the visit to the United Kingdom (UK) and Spain was to establish cooperative relationships with senior executives across the global renewable energy industry. As decarbonisation strategies are delivered across the globe, in a competitive industry, these relationships will be vital to ensure Queensland transitions to a renewable state.

The engagements that occurred with key contacts in the UK and Spain will assist the Queensland Government to better serve Queenslanders, having observed and discussed best practice across topical areas of the portfolio and established relationships for Queensland to underpin future collaboration.

The objectives were to:

- **Energy Workforce:** commence a campaign to attract skilled energy workers from the UK to come to Queensland to help build the SuperGrid, an approach that is supported by all key stakeholders in the energy industry. In addition, gain an understanding of future workforce training approaches by visiting the state-of-the-art transmission worker training facility operated by Iberdrola in Madrid;
- **Energy Investment:** meet with key existing British and European investors and potential new investors in energy projects in Queensland to highlight opportunities from the Queensland Energy and Jobs Plan. In addition, meet with key government officials around best practice in the energy transformation;
- **Hydrogen:** gain an understanding from European stakeholders on the opportunity of hydrogen and its uses;
- **Pumped Hydro:** inspect a large scale pumped hydro in Spain and discuss learnings from its construction with operators;
- **Local Manufacturing:** visit manufacturing facilities in the renewable energy supply chain to identify opportunities and barriers to developing such capability in Queensland.

The visit met its objectives and laid the foundations for ongoing engagement with renewable energy companies in Europe and the UK.

The visit also provided confirmation that Queensland is one of the most attractive opportunities for renewable investment in the world.

A common theme from the engagements is that Queensland has the most desirable natural assets, public infrastructure, and clear transition pathway to renewables. Backed by public ownership, Queensland is well placed to deliver on the Queensland Energy and Jobs Plan.

5.0 Mission Overview

5.1 Dinner with Trade and Investment Queensland and Australian High Commission – Sunday 3 September 2023 – London, England

The dinner, hosted by Trade and Investment Queensland (TIQ) provided an opportunity to be briefed by Ms Elisabeth Bowes, Deputy Head of Mission, United Kingdom on the recent Royal Assent of the Australia-United Kingdom Free Trade Agreement (UK FTA). The Australia-UK FTA is a historic agreement representing the UK's first new trade deal signed since Brexit.

Topics of discussion included how the UK FTA will provide benefit, with additional access to the agriculture industry, create more jobs, remove unnecessary barriers to trade between the UK and Australia, and open new industries for world class importing and exporting.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Mr Kevin Lander	Area Manager, Energex	Energy Queensland Limited
Mr Wade Ferricks	Technical Training Supervisor, Ergon Energy	Energy Queensland Limited
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy

Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Joey Davis	Trade Manager, Europe	TIQ
Ms Elisabeth Bowes	Deputy Head of Mission, United Kingdom	Department of Foreign Affairs and Trade
Mr Daniel Gschwind	Chair	TIQ

5.2 Meeting with RWE – Monday 4 September 2023 – London, England

RWE is one of the largest energy utilities in the world and is progressing strategies towards decarbonisation. Having entered the Australian market in 2018, RWE is focused on expanding its renewable portfolio within Queensland and sees an opportunity to be a key driver of Queensland's energy transition, with a strong focus on community and industry partnership.

RWE are looking to boost their onshore solar and batteries presence in Queensland. RWE discussed current grid infrastructure, and acknowledged the extensive work Government Owned Corporation (GOC), Powerlink has already done in ensuring there is a pathway which indicates how the grid will be ready to accommodate the renewable transition. RWE acknowledged the work that the Queensland Government has done, particularly in the last two years, and how they have had continued positive interactions with GOC's Stanwell and Powerlink.

RWE advised the Queensland delegation that the attractiveness of Queensland is due to public ownership, support from the Government, the size and scalability, and the abundance of solar. RWE expressed a desire to be "reliable player" and "preferred partner" in Queensland, with a vision to having a long-term physical presence in the state.

A key learning from the engagement was the strong commitment RWE have to delivering community associated benefits, such as local manufacturing and local jobs. RWE acknowledged that every community is different and will require tailored community consideration.

RWE briefed the delegation on their experience through Europe, and what learnings could be applied to projects in Queensland.

RWE also expressed their commitment to exploring innovative ways to manage end of life components, such as repowering methods like taking down wind turbines and rebuilding, which may also result in doubling production with less turbines where possible.

The Minister briefed RWE on the Queensland Government's strong commitment to the renewable transition, social licence and the Queensland Energy and Jobs Plan.

RWE commented that Queensland has the best natural assets and infrastructure to be a world leader in Hydrogen. The Queensland delegation made a commitment to share relevant information with RWE.

RWE committed to providing further information on the lessons they have learnt from other European projects, how they could deliver agrivoltaics in Queensland, how they would position themselves in Queensland, management of end-of-life components, and how a training academy approach could provide a pathway to a future energy workforce for Queenslanders.

The Queensland delegation committed to continuing conversations with other government agencies on the recycling of renewable energy components, such as Department of Transport and Main Roads and Department of Environment and Science.

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The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
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Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland
Ms Katja Wünschel	CEO, Onshore Wind and PV	Europe and Australia, RWE
Mr Costas Papamantellos	Managing Director and Head of Energy Transition Investments	RWE



Pictured – left to right: Mr Paul Martyn, Minister de Brenni MP, Mr Richard Jeffery, Ms Katja Wünschel, Mr Costas Papamantellos and Mr Michael O'Rourke.

5.3 Meeting with Parliamentary Under Secretary of State (Minister for Energy Efficiency and Green Finance) – Monday 4 September 2023 – London, England

In March 2023, the UK Government released the Powering Up Britain: Energy Security Plan which sets out steps the Government is taking to ensure the UK is more energy independent, secure and resilient. Renewable generation in the UK reached a record share of 47.8% of total generation in Q1 2023. The Minister and Under Secretary of State discussed the UK's transition to renewable energy, ambition to pursue a hydrogen industry, household smart metre uptake, and upcoming energy efficiency reforms in the UK.

There were shared learnings on how both governments have implemented energy efficiency changes, with the UK Government trying to mitigate their strong reliance on gas, which powers 80% of space heating. Discussions on industry's response to changes, associated benefits, impact on housing stock (both private and social) and similarities to the National Construction Code 2022 being implemented in Australia occurred.

Lord Martin Callanan briefed the Queensland delegation on the high increase in solar uptake in the UK and the Government's decision to enforce firm targets for smart metre uptake. Lord Callanan shared lessons the UK Government had learnt from enforcing these measures, and what challenges were encountered.

The UK representation committed to providing a key contact for policy officers in Queensland's, Department of Energy and Public Works to discuss further similarities and gain a shared understanding of the path to energy efficiency.

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Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland
Mr Joey Davis	Trade Manager, Europe	TIQ
Ms Katy Rengel	Secondary Secretary, Economic	Australian High Commission, United Kingdom
Lord Martin Callanan	Parliamentary Under Secretary of State (Minister for Energy	British Government

	Efficiency and Green Finance)	
Cameron Davies	Office of Parliamentary Under Secretary of State (Minister for Energy Efficiency and Green Finance)	British Government
Harley Collins	Office of Parliamentary Under Secretary of State (Minister for Energy Efficiency and Green Finance)	British Government



Pictured – left to right: Lord Martin Callanan and Minister de Brenni MP.

5.4 Networking lunch: briefing and discussion on Queensland's Energy and Jobs Plan – Monday 4 September 2023 – London, England

The networking lunch in London was attended by European investors considering locating and investing in Queensland. The Minister provided a presentation on the Queensland Government's commitment to renewable energy, the Queensland Energy and Jobs Plan, and provided certainty that Queensland has a clear pathway in its transition to renewables. The Director-General also provided a presentation, which focused on Queensland's SuperGrid Infrastructure Blueprint and the forecast transformation of Queensland's generation mix, which will include more wind, solar and energy storage.

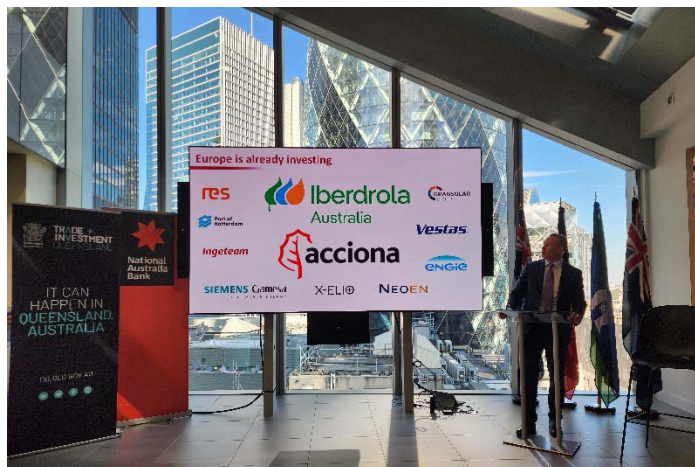
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Mr Michael O'Rourke	Chief Executive Officer	Stanwell
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Mr Wade Ferricks	Technical Training Supervisor, Ergon Energy	Energy Queensland Limited
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Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy

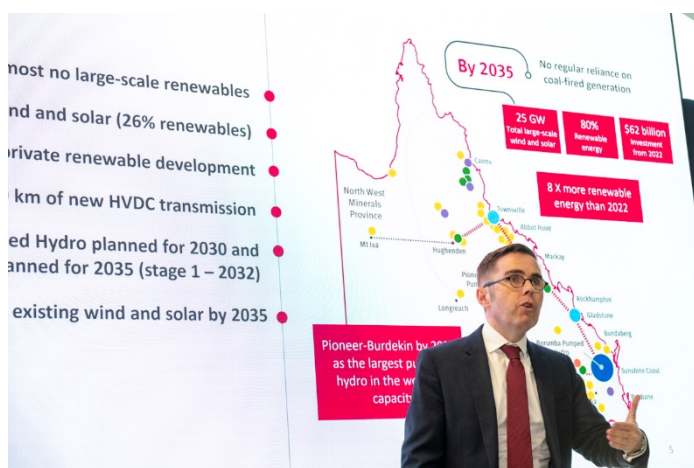
Invited Guests:

First Name	Last Name	Organisation
Jan	Klawitter	Anglo American
Alan	Thomson	Arup
Julianne	Davis	Austrade
Kathleen	Devereaux	Austrade
Elisabeth	Bowes	Australian High Commission
The Honourable Steve	Smith	Australian High Commission
Graeme	Fenemore	BMD Infrastructure Services
Penny	Monks	British Solar Renewables
Tim	Humpage	British Solar Renewables
Dipak	Mistry	Ceres Power
Jorn	Hammer	Copenhagen Infrastructure Partners
Matthew	Boss	Cubico Sustainable Investments
Javier	Areitio	Cubico Sustainable Investments
Reza	Ghanei	Eco Energy World
Peter	Conway	Energy Estate
Frazer	Barnes	Gen 2 Carbon
Charles	Purkess	ITM Power
Eugene	McKenna	Johnson Matthey
Penny	Monks	Legal Counsel
Chris	Hulatt	Octopus Group
Alex	Haynes	Petrofac
Stephen	Overty	Phillip Riley
Daniel	Pearson	SSE Renewables
Warren	Bartlett	Trade and Investment Queensland
Joseph	Davis	Trade and Investment Queensland
Daniel	Gschwind	Trade and Investment Queensland
Dave	Stewart	Trade and Investment Queensland
Susi	Lewis	Trade and Investment Queensland
James	Gates	United Green
David	Rowen	Vestas
Nicholas	Beaty	Zenobe Energy
James	Basden	Zenobe Energy
Andy	Elton	Trade and Investment Queensland
Katy	Rengel	Australian High Commission
Andrew	Wright	NAB
Sapna	Olsen	NAB

Lauren-Lee	London	Trade and Investment Queensland
Nick	Woollfitt	NAB



Pictured – Minister de Brenni MP delivering presentation on Queensland Energy and Jobs Plan.



Pictured – Mr Paul Martyn delivering presentation on Queensland SuperGrid Infrastructure Blueprint and transition pathway to renewables.



Pictured – left to right: Mr Dave Stewart facilitating QA with panel, Minister de Brenni MP and Mr Paul Martyn.



Pictured – left to right (front row): Mr Daniel Gschwind, Ms Elisabeth Bowes, Mr Paul Martyn, Minister de Brenni MP, The Honourable Stephen Smith, Mr Dave Stewart and invited guests.

5.5 Meeting with Mott MacDonald – Monday 4 September 2023 – London, England

Mott MacDonald is a global engineering, management and development consultancy firm who support a range of renewable energy projects. Mott MacDonald provides social performance advisory services to help organisations to avoid and manage project risks, respect human rights, share project benefits more equitably, and empower affected people.

The discussion with Mott MacDonald focused on social licence, and approaches taken in the UK on large scale projects. Mott MacDonald briefed the delegation on recent learnings from High Speed 2, which is a planned high-speed railway line connecting the south (London) to the north of England (Manchester). The project will impact a number of communities and large sections of land will be acquired to allow for this infrastructure to be developed.

Mott MacDonald briefed the Queensland delegation on what considerations should be made prior to considering a proposal of this size and how a project could be positioned to ensure all communities are confident that they are benefiting.

Mott MacDonald shared their views on the importance of transparency with affected communities, the need for a strong public facing engagement campaign and the need for legacy transition planning.

Mott MacDonald informed the delegation on an innovative digital platform they have used on projects as a key tool for engagement. Mott MacDonald committed to sharing an example of this platform with the delegation.

Key learnings for the Queensland Government on this visit was the need for a central contact point in a project that manages community engagement, the need for transparency with communities, the need to plan for a legacy, and the need to ask the community how and when they want to be communicated with.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited

Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Joey Davis	Trade Manager, Europe	TIQ
Mr Ian Gallbraith	Group Strategy Director	Mott MacDonald
Ms Denise Bower	Group Executive Director, External Engagement	Mott MacDonald
Mr Craig Lucas	Energy Transformation Initiative Leader	Mott MacDonald
Ms Kerry Scott	Global Practice Leader for Social Outcomes	Mott MacDonald



Pictured – left to right: Ms Kerry Scott, Mr Craig Lucas, Ms Denise Bower, Mr Ian Gallbraith, Minister de Brenni MP, Mr Paul Martyn and Mr Keiran Cusack.

5.6 Mixer with Stakeholders and Investors – Monday 4 September 2023 – London, England

This event provided an opportunity for informal engagement with stakeholders and investors in the renewable energy sector. The event was hosted at Gately, an organisation which helps foreign companies looking to export. Gately work closely with Trade and Investment Queensland. Representatives from recruitment firm Phillip Riley were also present, to discuss career opportunities with individuals who were looking to relocate to Australia. The Minister provided a presentation which provided an overview of the Queensland Energy and Jobs Plan and the Queensland Government's commitment in transitioning to renewables.

List of Delegation Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Mr Kevin Lander	Area Manager, Energex	Energy Queensland Limited
Mr Wade Ferricks	Technical Training Supervisor, Ergon Energy	Energy Queensland Limited
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy

Invited Guests:

First Name	Last Name	Organisation
Rana	Abid Amin	National Grid
Peter	Anusas	BMD Infrastructure Services Ltd (UK)
Paul	Ayres	Connected Kerb
Warren	Bartlett	Trade and Investment Queensland
Richard	Basil-Jones	Australia-UK Chamber of Commerce
Eryn	Bowles	Lawcadia
Sallianne	Buttsworth	Head of Finance - Blink, The Frontline App
Charles	Cameron	Connected Kerb
Alex	Carcas	AECOM
Vera	Carvalho-Pacey	Australia-UK Chamber of Commerce
Harvey	Chandler	GIIA
Richard	Clements	Connected Kerb
Jason	Cox	NAB
Richard	Cuda	Gateley Global
Julianne	Davis	Austrade
Joseph	Davis	Trade and Investment Queensland
Ying	Deng	QIC
Kathleen	Devereaux	Austrade
Andy	Elton	Trade and Investment Queensland
Graeme	Fenemore	BMD Infrastructure Services Ltd (UK)
Daniel	Gschwind	Trade and Investment Queensland
Andy	Harbert	UK Power Networks
Tim	Heal	Octopus Energy
Peter	Howe	Connected Kerb
Theo	Imbert	Tag Energy
Edwina	Irwin	NAB
Greg	Jackson	Octopus Energy
Einar	Jensen	Copenhagen Infrastructure Partners
Saloni	Kapoor	Grant Thornton
Chaminda	Karunatilake	UK Power Networks
Asim	Khan	UK Power Networks
Nicole	Kostova	Australia-UK Chamber of Commerce
Andrew	Lahey	Macquarie Group
Erin	Lee	John Laing
Susi	Lewis	Trade and Investment Queensland
Steve	Martin	MC Global Solutions

Olivia	McFarlane	Worley
Rebecca	Meek	RES
Hugh	Morrison	Bechtel Corporation
Ross	Mumford	Macquarie Group
Alex	Murley	Copenhagen Infrastructure Partners
Danny	Nielsen	Vestas
Martin	Offiah MBE	Connected Kerb
Conol	O'Hare	Scotland House
Sebastian	P	WSP
Hendrik	Prinsloo	Balfour Beatty
Katy	Rengel	Australian High Commission
David	Rowen	Vestas
Marcelo	Saez	Marcelo Saez Photography
Andrew	Sainsbury	Australian High Commission
Lewis	Scally	
Roderick	Schneider	Tanda and workforce.com
Alice	Scott	Chelsea FC
Pauline	Shearman	Trade and Investment Queensland
The Honourable Stephen	Smith	Australian High Commission
Katie	Smith	
Chris	Stephenson	UK Power Networks
Dave	Stewart	Trade and Investment Queensland
James	Taylor	Rio Tinto
Alan	Thomson	Arup
Sarah	Thomson	Tourism and Events Queensland
James	Thorpe	NAB
Elizabeth	Vega OBE	Informed Solutions
Eirini	Vrodos	Robert Walters
Janice	Walton	Australia-UK Chamber of Commerce
Nick	Woolfitt	NAB
Andrew	Wright	NAB
Cassie	Zuill	Tourism and Events Queensland



Pictured – Minister de Brenni MP delivering presentation on Queensland Energy and Jobs Plan.

5.7 Dinner with key European Investors – Monday 4 September 2023 – London, England

This engagement provided a unique opportunity for the Queensland delegation to engage with some of the biggest renewable energy organisations in the world. A number of key investors travelled across the globe to attend the engagement, with some even traveling from Australia. The delegation briefed the invited guests on the Queensland Energy and Jobs Plan. The Minister spoke to the government's commitment to transitioning to renewables, and the Infrastructure Blueprint which outlines the optimal infrastructure pathway to build the Queensland SuperGrid and achieve the government's vision.

The Minister welcomed all investors to come to Queensland and committed to meeting with them during their next visit.

All guests that attended the engagement were excited about opportunities in Australia as a result of the abundance of natural assets, infrastructure already in place and the Queensland Government's strong commitment to renewable energy.

List of Attendees

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The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Daniel Gschwind	Chair	Trade and Investment Queensland
Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Mr Michael O'Rourke	Chief Executive Officer	Stanwell

Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Svante Kumlin	Chief Executive Officer and Founder	Eco Energy World
Mr Chris Hulatt	Co-Founder	Octopus Group
Mr Ian Gallbraith	Group Strategy Director	Mott MacDonald
Mr James Gates	Investment Director	United Green
Mr Peter Conway	Director	Energy Estate
Mr David Swindin	Chief Executive Officer	Cubico Sustainable Investments
Mr Jorn Hammer	Associate Partner	Copenhagen Infrastructure Partners
Mr Frederic Belloy	Executive Vice President, International Operations	EDF Renewables
Mr Eduardo Medina	Chief Executive Officer	RES
Mr Aman Joshi	General Manager, GE Aero-derivative Business	GE
Ms Julianne Davis	Investment Director, UK and Ireland	Austrade
Mr David Rowen	Chief Specialist, Business Development	Vestas
Mr Danny Nielsen	Senior Vice President and Country Manager	Vestas



Pictured – Front (L to R): Mr Jorn Hammer, Mr David Rowen, Minister de Brenni MP, Mr Svante Kumlin, Mr Ian Gallbraith and Ms Julianne Davis.

Pictured – Middle (L to R): Mr Danny Nielsen, Mr David Swindin, Mr Michael O'Rourke, Mr Daniel Gschwind, Mr Paul Martyn, Mr Chris Hulatt and Mr Michael Dart.

Pictured – Rear (L to R): Ms Leigh Pickering, Mr Frederic Belloy, Mr Peter Conway, Ms Emma Roberts, Mr Warren Bartlett, Mr Eduardo Medina, Mr Kieran Cusack and Mr Aman Joshi.

5.8 Meeting with Vestas – Tuesday 5 September 2023 – London, England

Vestas is a wind industry leader, with over 169 giga-watts (GW) of wind turbines in 88 countries. Vestas briefed representatives of the Queensland delegation on their onshore wind plans in Australia.

Discussions occurred on local manufacturing, with Vestas discussing opportunities for local advanced manufacturing in Queensland.

Vestas shared that they would like to have a collaborative, long term, transparent partnership with the Queensland Government.

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Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy
Mr David Rowen	Chief Specialist, Business Development	Vestas
Mr Danny Nielsen	Senior Vice President and Country Manager	Vestas



Pictured – Front (L to R): Mr David Rowen, Minister de Brenni MP and Mr Danny Nielsen.

Pictured – Rear (L to R): Mr Richard Jeffrey, Mr Paul Martyn, Mr Michael O'Rourke, Ms Emma Roberts and Mr Brooks Mustey.

5.9 Meeting with Minister of State (Cabinet Office) – Tuesday 5 September 2023 – London, England

In 2022, the UK Procurement Bill (the Bill) was introduced into the UK Parliament, aiming to establish a single legal framework for the award of public contracts, utilities contracts, concession contracts and defence and security contracts by contracting authorities. The new framework maintains the European Union principles of transparency, equal treatment, and non-discrimination. However, the Bill proposes new objectives which must be applied by contracting authorities – value for money, maximising public benefit and integrity.

The meeting with Baroness Neville-Rolfe DBE CMG, Minister of State and the Queensland delegation was an opportunity to share the approaches both jurisdictions have taken to procurement. The Baroness advised the delegation of the significant challenges faced with the Bill, noting that UK procurement is valued at \$300 billion, 14% of GDP. The Baroness also shared the requirements for contracts to be published online, as well Key Performance Indicators (KPIs) for contracts valued at over \$5 million.

The Minister was able to inform the Baroness on Queensland's position, including the Procurement Policy and supporting measures such as the Ethical Supplier Mandate.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Ms Elisabeth Bowes	Deputy Head of Mission, United Kingdom	Department of Foreign Affairs and Trade
Ms Katy Rengel	Secondary Secretary, Economic	Australian High Commission, United Kingdom
Baroness Neville-Rolfe DBE CMG	Minister of State (Cabinet Office)	British Government



Pictured – left to right: Ms Elisabeth Bowes, Baroness Neville-Rolfe DBE CMG, Mr Paul Martyn and Minister de Brenni MP.

5.10 Site tour of Tratos UK high-voltage cable manufacturing and technical facilities – Tuesday 5 September 2023 – Knowsley, England

Tratos UK Ltd, established in 1966, is a United Kingdom cable manufacturer that produce an extensive range of cables to over 50 countries. The Queensland delegation were provided with a site tour of the Tratos facility.

The site tour provided the Queensland delegation with an understanding of the large-scale advanced manufacturing that will be required to deliver the Queensland SuperGrid.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy
Mr Neil Ancell	Director	Tratos UK
Mr Zilah Skerrit	General Manager	Tratos UK



Pictured – left to right: Mr Neil Ancell and Minister de Brenni MP, and Tratos UK cable manufacturing facility in Knowsley, UK.

5.11 Talent Exchange Event – Tuesday 5 September 2023 – Manchester, England

With considerable growth in the Queensland energy sector, coupled with increasing attraction rates due to a retiring workforce and a highly competitive labour market, Queensland energy GOCs need to expand the scope of recruitment throughout Australia and overseas.

A growing workforce with the required skills and experience will be vital in the short and medium term to build Queensland's SuperGrid, while continuing to maintain a safe, affordable and reliable electricity supply to all Queenslanders.

The event in Manchester, provided a forum for the Minister, GOCs and recruitment agency Philip Riley to discuss career opportunities in Queensland. The aim of the event was to target highly sought technical individuals considering a career in Queensland. The event was a success, with over 80 attendees. Further discussions on the application process, including visa queries, employment conditions and vacancies will be managed by Philip Riley, who have been appointed to manage the recruitment.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Mr Kevin Lander	Area Manager, Energex	Energy Queensland Limited
Mr Wade Ferricks	Technical Training Supervisor, Ergon Energy	Energy Queensland Limited

Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy
Mr Joey Davis	Trade Manager, Europe	TIQ
Mr Stephen Overty	Principal Consultant	Phillip Riley



Pictured – left to right: Minister de Brenni MP and Mr Michael Dart delivering a presentation on renewable energy workforce opportunities in Queensland.

5.12 Tour of Iberdrola Training Campus – Wednesday 6 September 2023 – Madrid, Spain

The Iberdrola Campus for Innovation and Training was opened in April 2021. The facility is used as a test hub to accelerate the energy transition and has enabled over 13,000 people to receive training at the facility each year. The campus provides training in areas such as, underground power installation, overhead transmission and distribution and wind technology. The campus represents Iberdrola's commitment to technology, research and development and collaboration with technology centres as levers for leading the energy transition, the green recovery of the economy and employment, improving the employability of young people and senior professionals in future sectors.

Each Iberdrola employee receives a compulsory, 53 hours of training per year, in the form of classes and workshops at the training facility, as well as training activities held in collaboration with universities.

A key action out of the Queensland Energy and Jobs Plan and the Queensland Workforce Strategy is the development of a Future Energy Workforce Roadmap in 2023 that will identify opportunities to build and develop workforce capacity and capability, while ensuring Queensland has the right training in place, in the right locations to provide regional workers with more opportunities to secure jobs in the energy sector.

This site tour provided the Queensland delegation with the opportunity to view this innovative, state-of-the-art training facility and consider how some of these practices could be applied in Queensland.

Iberdrola committed to sharing with the Queensland Government their software, which is used to simulate real world scenarios and assist training the future renewable energy workforce.

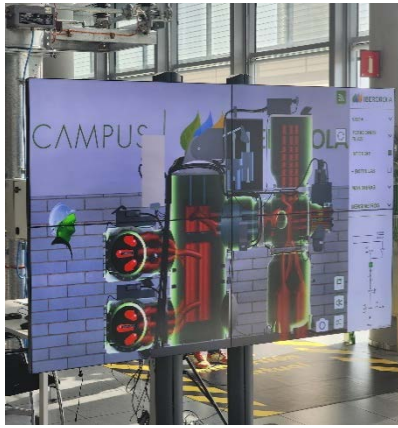
Iberdrola's Chief Executive Officer attended the visit, to show their commitment to continue working with the Queensland Government.

Further discussions will occur between the Queensland Government and Iberdrola on what technology can be shared, to assist in training Queensland's future energy workforce.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment	Trade and Investment Queensland (TIQ)

	Commissioner for Europe	
Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr Joey Davis	Trade Manager, Europe	TIQ
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Mr Michael Dart	Executive General Manager, Customer	Energy Queensland Limited
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy
Mr José Oriol	Chief Executive Officer and Chairman, Iberdrola International	Iberdrola
Mr Carlos Lozano	Iberdrola Campus Manager	Iberdrola
Celia Roldán Santías	Public Affairs, Office of the Chairman	Iberdrola
Ms Beatriz Crisostomo	Global Head of Innovation	Iberdrola
Mr Jorge Palmer	Green Hydrogen Iberdrola	Iberdrola
Mr Enrique Sola	Head of Global Hydroelectric Business	Iberdrola
Javier Ceña	Senior Business Development Manager, Iberdrola Renewables, APAC	Iberdrola
Mr Ricardo da Silva	Iberdrola Networks	Iberdrola
Nino Lalic	General Manager, Public Affairs	Iberdrola Australia



Pictured – left to right: VR training equipment, Iberdrola EV Charger, Minister de Brenni MP and Mr José Oriol.



Pictured – left to right: Mr Paul Martyn and Minister de Brenni MP testing VR training equipment at Iberdrola Training Campus.

5.13 Dinner with Acciona – Wednesday 6 September 2023 – Madrid, Spain

Acciona is a Spanish multinational company that develops and manages infrastructure and renewable energy projects in over 25 countries globally.

Acciona Energia has three projects under construction or in development in Queensland. Acciona shared with the Queensland delegation their commitment to investing in Queensland.

Acciona confirmed that Queensland is their preferred destination for renewable energy developments. Discussions also occurred regarding the importance of securing social licence in Queensland, and Acciona committed to working with industry to ensure this occurs on any projects they undertake.

Acciona is committed to contributing to low carbon and sustainable projects in Queensland and is particularly focused on developing new wind and solar renewable energy assets.

Acciona acknowledged the on-going relationship with GOCs, and appreciated the transparent approach the Queensland Government has, with a clear transition pathway to renewables. Acciona encouraged the Queensland Government return to Europe to visit some of their major renewable energy projects that are operational.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr José Manuel Entrecañales	Chairman and Chief Executive Officer	Acciona
Mr Rafael Mateo	Acciona Energia Chief Executive Officer	Acciona
Ms Arantza Ezpeleta	Acciona Energia Chief Operating Officer	Acciona

Mr José Entrecanales	Acciona Energia Chief Financial Sustainability Officer	Acciona
Mr Rafael Esteban	Acciona Energia Global Business Development Director	Acciona
Mr Brett Wickham	Managing Director, Acciona Energia Australia	Acciona
Mr Dmitry Danilovich	Business Development Director, Acciona Energia Australia	Acciona
Mr Fernando Fajardo	Chief Cost and Commercial Officer, Acciona Infrastructure	Acciona



Pictured – Front (L to R): Ms Arantza Ezpeleta, Mr Michael O'Rourke, Minister de Brenni MP, Mr José Manuel Entrecanales, and Mr Paul Martyn.

Pictured – Rear (L to R): Mr Richard Jeffrey, Mr Dmitry Danilovich, Mr Rafael Esteban, Mr Rafael Mateo, Mr Brett Wickham, Mr José Entrecanales, Mr Fernando Fajardo and Mr Warren Bartlett.

5.14 Meeting with Australian Ambassador to Spain – Thursday 7 September 2023 – Madrid, Spain

The Australian Ambassador to Spain, HE Sophia McIntyre briefed the Queensland delegation on the current renewable energy industry, and the substantial investment Spanish organisations are making in the energy sector. Like Australia, Spain has similar natural resources with an abundance of solar and wind.

The Ambassador acknowledged the ambitious Queensland Energy and Jobs Plan, and believes the Queensland Government's plan is one of the best planned transitions to renewables.

The Ambassador advised the Queensland delegation that Spain are planning to phase out some electricity sources, like nuclear, by 2035.

The Ambassador also shared that the transition from gas to renewables will be difficult for Spain, with one third of consumers still using gas.

A discussion occurred regarding electric vehicle (EV) uptake and charging infrastructure in Spain. The Ambassador commented that Spain was now the second largest manufacture of cars in Europe and are experiencing a high uptake of EVs. With that increase, meticulous planning is required to ensure the transmission network can meet the predicted electricity demand.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr Joey Davis	Trade Manager, Europe	TIQ
HE Sophia McIntyre	Australian Ambassador to Spain	Department of Foreign Affairs and Trade



Pictured – left to right: HE Sophia McIntyre and Minister de Brenni MP.

5.15 Meeting with Iberdrola Networks – Thursday 7 September 2023 – Madrid, Spain

Iberdrola is a global leader in clean energy, grids and storage, supplying energy to almost 100 million people worldwide and employing more than 38,000 people. Iberdrola has been committed to clean energy for more than 20 years, with the objective of exceeding 52,000 MW of renewable capacity by 2025.

The meeting with Iberdrola was an opportunity for the Queensland delegation to seek from Iberdrola their views on Queensland's transition, and as a major renewable energy company, what would they be wanting to see from Queensland.

The main feedback from Iberdrola was that they require certainty around the transmission, in particularly connection and grid readiness. Iberdrola advised the Queensland delegation that transmission is key in the transition to renewables being successful. Grid readiness will also support the uptake of EVs due to more public EV charger installations. Iberdrola noted that it was extremely beneficial that distribution and transmission is publicly owned.

Iberdrola provided their vision to build larger projects that exceed current demand, to ensure they are future proofed for years to come.

Iberdrola agreed that hydrogen was best only used when electrification wasn't possible, i.e for heavy vehicles and machinery, and should not replace renewable sources such as wind and solar. Iberdrola also agreed that Asia would be the best market for hydrogen exporting, given their lack of natural resources.

Iberdrola share the Queensland Government position that securing social licence is critical. Iberdrola provided suggestions on how social licence could be secured and suggested that research should be done to tailor each project to gain community acceptance.

Iberdrola believe there is a huge opportunity in Queensland with the energy transition. Iberdrola commented that there is a clear, and transparent pathway, backed by public ownership which makes Queensland one of the most desirable investment opportunities.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Dave Stewart	Agent General for Queensland to the UK	Trade and Investment Queensland (TIQ)

	and Queensland Trade and Investment Commissioner for Europe	
Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr Joey Davis	Trade Manager, Europe	TIQ
Ms Elena Leon Munoz	Global Director	Iberdrola
Mr Millan Garcia Tola	Global Green Hydrogen Director	Iberdrola
Mr José Manuel Rodriguez	Director for Government and International Affairs, Chairman's Office	Iberdrola
Ms Elena Laburu	Investment Director, Spain and Portugal	Austrade



Pictured – left to right: Mr José Manuel Rodriguez, Mr Millan Garcia Tola, Minister de Brenni MP, Ms Elena Leon Munoz and Mr Paul Martyn.

5.16 Networking lunch with investors and briefing on Queensland Energy and Jobs Plan – Thursday 7 September 2023 – Madrid, Spain

The networking lunch in Madrid was attended by key European investors considering locating and investing in Queensland. The Minister provided a presentation on the Queensland Government's commitment to renewable energy, the Queensland Energy and Jobs Plan, and provided certainty that Queensland has a clear pathway in its transition to renewables. The Director-General also provided a presentation, which focused on Queensland's SuperGrid Infrastructure Blueprint and the forecast transformation of Queensland's generation mix, which will include more wind, solar and energy storage.

List of Delegation Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Michael O'Rourke	Chief Executive Officer	Stanwell
Mr Richard Jeffery	A/Executive General Manager, Strategic Partnerships	Stanwell
Ms Leigh Pickering	Executive General Manager, People and Corporate Services	Powerlink
Ms Emma Roberts	Executive General Manager, Future Energy	CS Energy
Mr Brooks Mustey	Head of Future Energy Development	CS Energy

Invited Guests:

First Name	Last Name	Organisation
Dave	Stewart	Trade and Investment Queensland (TIQ)
Warren	Bartlett	TIQ
Joey	Davis	TIQ
Jesús	Ansedo Ferreira	CaixaBank

Germán	Bejarano	Abengoa
Alex	Belaustegi	Ingeteam
Alvaro	Berrocal	Enerfin
Dimitry	Danilovich	Acciona Energia
Maurizio	De Stefano	Indra
Cristina	Díaz	CEPSA
Elena	Díaz	Elecnor
Miguel	Domingo	Sener Engineering
Luis	Escartin	Acciona Energia
José	Eugenio Salarich	Acciona
Cristina	García Vázquez	CaixaBank
Juan	González	FRV
Álvaro	González Sánchez	CEPSA
Juan	Grimalt	Sacyr Proyecta
Yoshihiro	Hayakawa	GRI Renewable Industries
Elena	Laburu	Austrade
Rafael	López Perdiguero	Sacyr Proyecta
Jean	Louis Salinas	Siemens Gamesa
José	Manuel Rodríguez	Iberdrola
Luis	Marquina	Gransolar Group
Juan Luis	Martin Ruiz	Indra
HE Sophia	Mcintyre	Australian Ambassador to Spain
Andrés	Medina	Solida
Elena	Molina	X-Elio
Joaquin	Mollinedo	Acciona
Lluís	Noguera	X-Elio
Maria	Ortega	IDOM
Emma	Reiners	Acciona Energia
Miguel	Rios	Austrade
Eduardo	Rosado	Gransolar Group – GRS
Sergio	Sanchez	Indra
Teresa	Sanchis	Iberdrola
Juan	Suárez	Water2KW
Helena	Torres Ambite	CaixaBank
Ana	Valentín-Gamazo	Iberdrola
Jaime	Vega	Gransolar Group – E22
Roberto	Veguillas	Ignis
Brett	Wickham	Acciona Energia
Vega	Yubero Bouthelier	Spain Australia Council Foundation



Pictured – left to right: Mr Dave Stewart facilitating QA with panel, HE Sophia McIntyre, Minister de Brenni MP and Mr Paul Martyn. Also pictured, Mr Paul Martyn delivering presentation on Queensland SuperGrid Infrastructure Blueprint and transition pathway to renewables.

5.17 Tour Power Electronics HQ and production facility – Friday 8 September 2023 – Valencia, Spain

Power Electronics is a world leader in the manufacturing of solar inverters and energy storage. The company is currently finalised a project to develop the largest battery self-consumption project in Spain, installed on the facility's own rooftop.

Queensland has the highest rate of household rooftop solar installations in Australia. To store this abundant rooftop solar, the Queensland Government is developing a new Queensland Battery Industry Strategy. The strategy is focused on growing Queensland's role in the battery supply chain. To start delivering battery storage needed now, the Government is investing in more large-scale and community batteries to store excess rooftop solar.

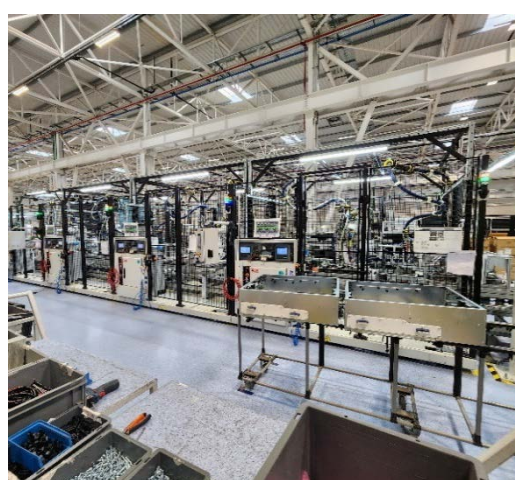
A tour of Power Electronics provided the delegation with an opportunity to view state-of-the art advanced manufacturing. The delegation had the opportunity to view solar inverters being constructed, batteries and EV chargers.

The delegation gained an understanding of the size, technical skills and technology required to have local advanced manufacturing in Queensland.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)
Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr Joey Davis	Trade Manager, Europe	TIQ
Mr David Salvo	Chief Executive Officer	Power Electronics
Mr Lalo Salvo	Technical Vice President	Power Electronics
Mr Raúl Padierna	Chief Sales Officer	Power Electronics

Mr Alejandro Herreros	Asia Director, Solar and Storage Division	Power Electronics
Ms Maria Ángeles Mena	Board Assistant	Power Electronics
Ms Lea Pintado	Audiovisual Technician	Power Electronics
Ms Clara Ballesteros	Communications Officer	Power Electronics



Pictured – Power Electronics HQ and production facility in Valencia.



Pictured – left to right: Power Electronics representatives with Mr Joey Davis, Mr Warren Bartlett, Mr Dave Stewart, Minister de Brenni MP, Mr Paul Martyn and Mr Kieran Cusack.

5.18 Site visit Iberdrola La Muela II 2GW Hydropower plant – Friday 8 September 2023 – Valencia, Spain

Iberdrola commenced construction of the first phase of La Muela hydroelectric power complex in 1983. In 2015, the complex was expanded with the construction of the La Muela II plant. The 1.8GW hydropower complex comprises the 290MW Cortes II conventional hydroelectric plant, the 634MW La Muela I and the 878MW La Muela II pumped hydro storage power plants.

With the commissioning of the La Muela II pumped storage hydroelectric facility expansion in October 2013, the site is capable of producing over 1.7GW of electricity a year, which is enough to meet the annual power demand of approximately 400,000 households. Iberdrola advised that they are forecast to generate a record supply over the next year, due to increases in demand.

The Queensland Government has committed to investigating the 2GW 24-hour Borumba and the 5GW 24-hour Pioneer-Burdekin Pumped Hydro energy storage projects (PHES).

The visit of Iberdrola's La Muela site provided the Queensland delegation with the opportunity to ask technical questions about the project, such as choice of manufactures, type of turbines used and issues that occurred during the build.

Iberdrola also shared lessons they learnt and changes that they have implemented into their latest PHES project under construction in Portugal.

The Queensland delegation gained an understanding of the scale of the project and considerations that should be applied to Borumba and Pioneer-Burdekin.

The visit also allowed for discussions on future renewable development opportunities that Iberdrola are considering.

List of Attendees

Name	Position	Organisation
The Honourable Minister de Brenni MP	Minister for Energy, Renewables and Hydrogen and Minister for Public Works and Procurement	Queensland Government
Mr Nick Heath	Chief of Staff, Minister de Brenni's Office	Queensland Government
Mr Paul Martyn	Director-General	Department of Energy and Public Works (DEPW)
Mr James Campbell	Principal Advisor	DEPW
Mr Kieran Cusack	Chief Executive Officer	Queensland Hydro
Mr Dave Stewart	Agent General for Queensland to the UK and Queensland Trade and Investment Commissioner for Europe	Trade and Investment Queensland (TIQ)

Mr Warren Bartlett	Deputy Commissioner, Europe	TIQ
Mr Joey Davis	Trade Manager, Europe	TIQ
HE Sophia McIntyre	Australian Ambassador to Spain	Department of Foreign Affairs and Trade
Ms Elena Laburu	Investment Director, Spain and Portugal	Austrade
Mr Borja Gonzales Collado	Head of Mediterranean, Generation	Iberdrola
Ms Celia Roldán Santías	Public Affairs, Office of the Chairman	Iberdrola
Mr Enrique Sola	Head of Global Hydroelectric Business	Iberdrola
Mr Javier Ceña	Senior Business Development Manager, Iberdrola Renewables, On-shore APAC	Iberdrola
Nino Lalic	General Manager, Public Affairs	Iberdrola Australia



Pictured – left to right: Mr Enrique Sola, Mr Paul Martyn, Minister de Brenni MP, HE Sophia McIntyre and Mr Kieran Cusack.



Pictured – left to right: Iberdrola representatives with Mr Dave Stewart, Mr Kieran Cusack, Mr Paul Martyn, HE Sophia McIntyre, Minister Mick de Brenni MP, Mr Warren Bartlett and Mr Joey Davis.



Pictured – La Muela II 2GW Hydropower plant in Valencia.



Pictured – La Muela II 2GW Hydropower plant in Valencia.



Pictured – La Muela II 2GW Hydropower plant in Valencia.