



Industry Association Review

August 2021



This is Origin's third review into its industry association memberships and their respective positions on climate change and climate-related policies. This FY2021 review builds upon the assessments conducted in FY2020.

1 Origin's Approach to Industry Associations

Industry associations can be an effective way to reach and advocate for a common industry view on key policy matters. Industry associations provide many benefits to their members including providing forums for:

- advocacy, and to advance policy, regulatory and community issues with a collective industry voice;
- sharing technology, with many industry associations having leading industry experts as members;
- sharing best practice in a range of areas including safety and community engagement; and
- learning and professional development.

Origin uses its memberships of industry associations to understand the views of other industry participants and present and advocate its views on relevant policy.

It is Origin's policy to be a member of an industry association only where that association:

1. gives Origin access to industry insights, expertise or information that may improve commercial, technical, or operational performance; or
2. provides Origin with insight or access into new markets; or
3. enhances Origin's ability to advocate for sound and/or commercially beneficial policy outcomes.

We acknowledge that not all members of an industry association share the same view on certain matters, and when this occurs, Origin seeks to influence other members to form an aligned industry view, including in relation to climate change.

Origin will continue to engage with key stakeholders in relation to membership of industry associations. Memberships are reviewed annually taking into account policy alignment and the cost and benefits of membership.

Principles for industry association membership

The following sets out the principles Origin will follow in relation to membership of, and participation in, industry associations:

1. Origin believes climate change impacts all businesses and industries and that the Paris Agreement is fundamental to action on climate change. All industry associations relating to the energy or resources industries should have a public position that supports the goals of the Paris Agreement, even if there are differing views amongst members. Where Origin has membership, we will actively seek to influence industry associations to have a public position that supports the goals of the Paris Agreement.
2. Origin will advocate for any industry association it is a member of to conduct its climate change lobbying in support of the goals of the Paris Agreement.
3. Origin acknowledges that some industry associations of which it is a member have other members who are heavily invested in resources, including coal, and these members may have differing views on climate change. Origin believes it is better to remain a member and seek to influence member views from within, rather than it is to exit and no longer have a voice.
4. Origin will exit any industry association that has a formal policy of climate change denial or actively and consistently promotes anti climate change messages or lobbies against the goals of the Paris Agreement.
5. Origin will exit any industry association that consistently promotes or denigrates a specific political party or attempts to direct members votes to or away from a specific political party in any local, state or Federal election.
6. As industry association meetings involve representatives from competitors, Origin maintains strict protocols around any communication with competitors at these meetings. All Origin representatives attending industry association meetings are required to comply with all relevant competition laws.

The following outlines examples where Origin's actions have been consistent with these principles:

- The Business Council of Australia (BCA) and the Australian Petroleum Production and Exploration Association (APPEA) have reviewed their climate change policy positions, in part because members such as Origin have pushed for greater ambition and clarity on climate action. Both the BCA and APPEA now explicitly support the Paris Agreement and net zero emissions by 2050.
- The BCA has in the past supported the use of Kyoto carry-over credits for Australia to meet its current Nationally Determined Contribution (NDC) to the Paris Agreement target. Origin did not support this commentary and reinforced its position to the BCA. The BCA has since shifted its view on the use of carry-over credits and aligns with Origin's view that the carry forward of Kyoto credits should not be utilised to meet Australia's NDC.
- The Queensland Resources Council (QRC) has updated its climate change policy position to support the Paris Agreement, including emissions reduction goals to limit global warming to well below 2 degrees and preferably to 1.5 degrees. This was in response to concerns from members, including Origin.
- Origin suspended its membership of the QRC in October 2020 following a campaign leading up to the 2020 Queensland state election. This campaign overstepped a clear boundary between policy and political campaigning, and Origin does not endorse this activity. Following suspension of Origin's QRC membership, the QRC has introduced new governance arrangements that ensure during government election campaign its public advocacy focuses on policy, not particular candidates or parties.

Industry associations often have a broad range of members and views. While there is unlikely to ever be full alignment across industry representatives on key policy areas, Origin may remain a member of an industry association with which it does not have complete alignment on the basis that there is opportunity for constructive industry dialogue and advocacy.

2 Approach to climate change

Origin's Position on Climate Change

- Unequivocally supports the Paris Agreement and measures to progressively reduce global emissions, including the aim to limit the world's temperature increase to 1.5°C above pre-industrial levels.
- Aims to achieve net zero emissions by 2050.
- Views Australia's 2030 emissions reduction target as a starting point but not sufficiently ambitious for a 1.5°C goal.
- Believes the electricity sector needs to deliver more than its proportional share to enable the economy to transition to a low-carbon future.
- Sees the transition to a low emissions energy sector as a key strategic opportunity.
- Supports the Say on Climate initiative and intends to put its climate reporting to a non-binding, advisory vote of shareholders at Origin's 2022 Annual General Meeting.

Climate change remains one of the most significant challenges facing society. Managing the transition to a low-carbon economy is a strategic priority for Origin.

Origin is in the process of updating its emissions reduction targets to be consistent with a 1.5°C pathway.

Current emission reduction targets

- Aim to achieve net zero emissions by 2050
- Science-based medium-term emissions reductions targets:¹
 - Reduce Scope 1 and Scope 2 emissions by 50 per cent by 2032
 - Reduce Scope 3 emissions by 25 per cent by 2032
- Short-term emissions reduction target to reduce Scope 1 emissions by 10 per cent on average over FY2021-23¹ (linked to executive remuneration).

Emissions performance

In FY2020, scope 1 and 2 equity emissions across Origin were down 9 per cent from FY2019, and further reductions are expected in FY2021. Scope 3 emissions declined in FY2020 by 12 per cent on FY2019.

Origin's generation portfolio continues to support the reliability of the National Electricity Market (NEM). Internal generation, which is the largest contributor to our emissions, was down by 10 per cent in FY2020 and is expected to be lower again in FY2021. This partly reflects the growth of renewables in the NEM and lower demand. As a result, Origin is running its single coal-fired asset, Earing Power Station, differently to a typical baseload plant, reducing output in the middle of the day when solar and wind are generating strongly and ramping up production in the peak evening period when solar output declines.

Origin also continues to look for ways to decarbonise its business and is investing in leading-edge technologies that drive greater efficiency in operations and reduce emissions. For instance, artificial intelligence is increasingly being used across the company, and at Earing it helped to avoid more than 150,000 tonnes of greenhouse gas emissions in FY2020 by delivering improved performance by using data and artificial intelligence to optimise the plant's operation.

Over the four years to FY2020, Australia Pacific LNG (APLNG) has delivered a 29 per cent reduction in Scope 1 operational emissions, while production increased 16 per cent over the same period. In FY2020, flaring at Australia Pacific LNG was reduced by 57 per cent, in part due to the use of a world-first tool developed by Origin using artificial intelligence to optimise well turndown, and the upgrading of equipment to reduce venting. Origin expects the well turndown tool to reduce potential emissions by around 25,000 tonnes every year when fully operational.

Approach to decarbonisation

Decarbonisation guides Origin's strategy and the company's approach is based around the following core principals.

Transitioning the generation portfolio to renewables and storage

Origin has committed to exiting coal-fired generation by 2032, at the latest. In FY2020, Earing contributed 8 per cent of revenue and represented 6 per cent of total assets.

Earing is Australia's largest coal-fired power station, providing much needed stability and reliability in the NEM. Earing is also one of the most flexible coal-fired power stations in the NEM as its units can be rapidly cycled through low, middle and high output levels. This flexibility supports the increase in intermittent renewable generation by providing reliable energy when renewables are not available. Origin anticipates the replacement of Earing's energy capacity in the future will be from a combination of renewables, battery and pumped hydro storage and/or market-based contractual arrangements.

Origin sells more electricity than it generates. This provides the opportunity to expand its generation portfolio with more renewable generation. Since March 2016, Origin has committed to purchase the offtake from approximately 1,200 MW of new wind and solar projects across Queensland and South Australia. Origin has also committed to purchase 100 per cent of the output of the 530 MW Stockyard Hill Wind Farm (once completed and fully registered) until the end of 2030. The date on which Origin will start purchasing this output under its renewable power purchase contract is subject to the development and commissioning timelines of the developer.

¹ Equity emissions targets are from a FY2017 baseline. Emissions on an equity basis capture the emissions relating to the assets we own, including our generation fleet and Origin's 37.5 per cent share of Australia Pacific LNG, including the downstream operations and non-operated areas.

Origin is also investigating opportunities for a large-scale battery at the Eraring site and expansion of the Shoalhaven pumped hydro plant. In recent years, lack of a clear investment signal in the market for both fast-dispatch storage solutions, such as batteries and pumped hydro, and renewable generation has hampered Origin's objective of growing its renewable position. With governments at the federal and state level separately working on their own policies and targets, coordination will be key to delivering an orderly transition to a lower carbon future at least cost to the community.

Carbon customer solutions

Energy markets around the world are rapidly transforming. The take-up of technologies such as solar, batteries and Internet of Things devices has changed the way customers use energy and the ever-increasing volume of data created provides Origin with the opportunity to create more tailored products and services.

Origin continues to trial and commercialise a number of new technologies and business models that will give customers more control over their energy usage and reduce their emissions. Key activities include:

- The expansion of Origin's Virtual Power Plant with more than 52,000 connected services totalling 131MW of capacity that helps to balance out supply and demand by using capacity in the grid more efficiently to reduce emissions and save costs.
- The launch of Origin 360 EV Fleet in March 2021, which brings Origin together with Australia's leading fleet management company, Custom Fleet, to provide a one-stop shop for EV fleet procurement, management and charging. Transportation is the third largest source of emissions in the country, making the acceleration of EV adoption in Australia crucial to reducing Australia's emissions.
- The launch of Spike, a behavioural demand response program, where customers are rewarded for making small reductions in energy usage at peak demand periods. Spike both rewards customers, enhancing customer experience, and reduces their emissions.
- Investment in export-scale green liquid hydrogen and green ammonia opportunities, using renewable energy and sustainable water resources. We are working on a feasibility study for a >500MW green ammonia export plant in Tasmania's Bell Bay, an export scale hydrogen project in Townsville, Queensland and collaborating on the Western Sydney Green Gas Project that will produce green hydrogen to be injected into the gas network, to demonstrate its use across gas and electricity grids.

Reduce or remove emissions from the business

Origin understands that while the majority of its carbon emissions come from coal-fired generation at Eraring, greenhouse gas emissions can also be reduced through other means, and the company is investing in technology to reduce or remove emissions from activities.

At Origin, a Marginal Abatement Cost Curve or MACC is used to prioritise emissions reduction activity. The MACC is tailored to site specific operations and provides clear signals for opportunities to economically reduce emissions. This includes upgraded equipment and retrofitting facilities at Australia Pacific LNG's upstream operations to reduce venting resulting in lower emissions, installing solar at generation and LPG sites, and a commitment to transition all passenger and light commercial vehicles to electric vehicles by 2030, a commitment made as part of signing up to EV100, a global initiative driven by companies to accelerate the transition to electric vehicles.

The company is in the early stages of investigating solutions around carbon capture storage, credible carbon offsets and blue hydrogen opportunities for the Beetaloo project. Any future development of the Beetaloo gas resource would be in line with Origin's aim to be net zero by 2050. Origin's 2021 Beetaloo exploration program plans to be carbon neutral for scope 1, 2 and 3 emissions, following the purchase of carbon credits from an Aboriginal carbon farming project in the Northern Territory.

Origin continues to focus on and invest in lowering overall carbon emissions across its portfolio of activities.

Climate policy engagement

Origin has long advocated for climate change action, including the progressive decarbonisation of the energy sector and the policy settings to enable this. Advocacy is guided by Origin's support for the Paris Agreement, including the aim to limit the world's temperature increase to 1.5°C above pre-industrial levels and the company's aim to achieve net zero emissions by 2050.

Origin has encouraged the Australian Government to adopt an emissions policy and will continue to work constructively with all levels of government in this area.

Origin supports integrated energy and climate change policy, set at a national level, including short and long-term emissions reduction targets and policy mechanisms to achieve those targets. Origin also supports an emissions intensity scheme for the electricity sector that would facilitate an orderly transition to a low-carbon system without placing undue pressure on affordability.

3 Governance of industry association memberships

Origin reviews its industry association memberships annually and will only maintain membership consistent with the principles for industry association membership as outlined in this document. The annual review also considers each industry association's culture of compliance with competition laws.

Any new industry association membership must consider the public policy positions of the association, including relating to climate change, and alignment with Origin's position. Any new industry association membership, suspension or exit of membership must be approved by the Executive General Manager Corporate Affairs and must be reported to the CEO and the Board.

This review is reported to the Board and published on Origin's website.

4 Scope and methodology of this review

Scope

The scope of the review included all of Origin's industry association memberships. The review was based on publicly available information from industry association websites and a search of national, international and social media for relevant public comments attributable to the industry association.

Methodology

The review of the formal written policies and goals of each industry association as at 30 June 2021 and a review of the public statements of each industry association for the period 1 July 2020 to 30 June 2021 in relation to climate change and alignment to the goals of the Paris Agreement.

The lack of any formal policy, goal or statement by an industry association on these aspects did not necessarily impact Origin's assessment of the level of alignment, but any formal policy, goal or statement by an industry association that is directly inconsistent with Origin's approach to these aspects would have been taken into account.

Any significant differences between Origin's policies and positions and those of our industry association are noted in section 5.

Each industry association is assigned an overall level of alignment of the industry association's policies, goals and public statements in relation to climate change and the goals of the Paris Agreement with those of Origin as defined in the table below.

Level of alignment	Industry association position
Aligned	Formal position supporting the goals of the Paris Agreement.
Partially aligned	Formal position supporting action on climate change but no stated formal position in regard to goals of the Paris Agreement
No response	No formal position or informal statements made in relation to climate change. We do not require industry associations in non-energy or fossil fuel disciplines, such as accounting or financial disclosure, to have any formal position on climate change.
Misalignment	Either (1) a formal climate change policy that is materially different to Origin's in a negative way or (2) actively and consistently promotes anti-climate change messages or seeks to blur and confuse climate change messages or policies.

5 Review outcomes

The following tables summarise the alignment across climate change and other policy areas for key industry associations and for secondary industry associations.

Any significant differences are noted between Origin's policies and positions and those of the industry association.

Origin is a member of industry associations that represent its key markets and a number of smaller and emerging associations and industry groups. Membership of the six key industry associations cost around \$1.45 million in FY2021. They are listed in the table below, with the purpose of membership, benefit summary, the association's high level positions on climate change policy, any public statements on climate change and whether or not Origin proposes to renew the membership. The second table contains the same information for the 16 secondary industry associations and groups that Origin is a member of, that totalled around \$185,000 in FY2021 membership fees.

During FY2021, Origin joined the Carbon Markets Institute (CMI) and the Global Carbon Capture and Storage Institute (GCCSI). The CMI promotes national and international trading in carbon instruments, in particular the growing carbon offset market. The GCCSI is the peak global body for carbon capture and storage.

We suspended and subsequently reinstated membership of the Queensland Resources Council during FY2021, after Origin was satisfied that the QRC had made key changes to its policies on political lobbying. We did not exit any industry associations during the year.

Overall, we found strong alignment on climate change positions with our key industry association. The AEC, APPEA, BCA and QRC have all strengthened their positions on climate change action and policy, including explicit commitments to the Paris Agreement and net zero emissions by 2050. Public statements by the associations back this up with, for example, the AEC and BCA strongly supporting Zali Steggall MP's proposed net zero by 2050 legislation and the Chief Executive Officer of the QRC publicly supporting the Paris Agreement at a Senate Inquiry in June 2021.

Associations such as Gas Energy Australia and several of the secondary associations that do not have strong advocacy positions on climate change policy scored Partially Aligned as they do not explicitly support the Paris Agreement, but do have policy statements that articulate how their objectives are aligned with a low emissions future. Some associations that we are a member of have a different view on path to net zero and the role of gas and carbon capture and storage, but there is general agreement on the objective of a low carbon future. Pleasingly, we found no negative public comments on the Paris Agreement or the need for strong action on climate change across all key and secondary industry associations.

We also found that the benefits of membership, including promoting climate change action, other policy advocacy and access to technical, safety and other industry information and expertise, justified the membership fees across all key and secondary industry associations. Accordingly, we renewed all memberships for financial year 2022.

5.1 Review outcomes - key industry associations

Key Industry Association	Purpose	Benefits of Membership	Origin's Role	Climate Change Position and Public Statements	Renew
Australian Energy Council (AEC)	Peak energy industry body	Lobbies governments and advocates publicly for the energy markets business including on the Post 2025 Market Review of the National Electricity Market, retail and wholesale market policy and development and technical working groups.	Frank Calabria, CEO (board member)	<p>ALIGNED</p> <p>“The Australian Energy Council’s Chief Executive, Sarah McNamara, said that the Council supported the Paris Agreement and recognised the need for developed countries to transition to net zero emissions by 2050 to help achieve the Agreement’s temperature goals.”</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“The Australian Energy Council, which represents Australia’s major electricity companies backs net zero by 2050 ...”</p> <p>“The Australian Energy Council said Ms Steggall’s plan [for net zero emissions by 2050] provided much needed certainty”</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Australian Petroleum Production and Exploration Association (APPEA)	Peak oil and gas industry body	Lobbies governments on behalf of industry, advocates publicly for industry, including on Australian Domestic Gas Supply Mechanism, code of conduct, gas hub, approvals, regulation, Northern Territory and technical working groups. Has created a proactive communications arm.	Frank Calabria, CEO (board member)	<p>ALIGNED</p> <p>“Australia’s oil and gas industry supports a national climate change policy that delivers greenhouse gas emissions reductions, consistent with the objectives of the Paris Agreement at the lowest cost to the economy. The policy approach should achieve emissions reductions consistent with net zero emissions across the Australian economy by 2050 as part of a contribution to a goal of global net zero emissions by 2050.”</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“We all agree we need to meet our Paris Agreement commitments. That’s why our industry is already doing a lot of the heavy lifting when it comes to a cleaner energy future,” chief executive Andrew McConville said.”</p> <p>“In a submission to a parliamentary inquiry probing prudential regulation of investment in Australia’s export industries, APPEA said climate activists ignored the reality that ‘natural gas will play a key role in achieving the objectives of the Paris Agreement’, cutting emissions while ensuring reliable energy.”</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Business Council of Australia (BCA)	Peak body for large businesses	Provides opportunity for collaboration across broader industry on key policy initiatives. The BCA took an active role during the year on COVID response and recovery, climate change and supporting small business.	Frank Calabria, CEO (CEO member)	<p>ALIGNED</p> <p>“We support the science of climate change. We support the Paris Agreement and transitioning to net-zero emissions by 2050.”</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“Mike Cannon-Brookes, Tim Reed and Jennifer Westacott are backing a <i>climate change</i> plan the government doesn’t like. The business leaders have formed a formidable phalanx behind independent Sydney MP Zali Steggall’s plan to force the government to give up a lot of its autonomy over emissions-reduction policy.”</p> <p>“The Business Council of Australia has called for setting a 2050 net zero target and a carbon price.”</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES

Key Industry Association	Purpose	Benefits of Membership	Origin's Role	Climate Change Position and Public Statements	Renew
Queensland Resources Council (QRC)	Peak body for Queensland resources	Strong voice in Queensland representing the interests of the State's mining/resources sector. Strong connections with government.	Andrew Thornton, A/EGM Integrated Gas (lead)	<p>ALIGNED</p> <p>"QRC supports the Paris Agreement and its emissions reductions goals to limit global warming to well below 2, preferably to 1.5 degrees Celsius, compared to pre-industrial levels.</p> <p>QRC supports action to achieve the commitments under the Agreement."¹</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>"He [QRC CEO Ian Macfarlane] told the [federal parliamentary inquiry] hearing the council supported the Paris Agreement and emissions reductions targets."²</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Clean Energy Council (CEC)	Peak body for renewables	Influential lobbyist at all levels of government. Develops as well as advocates for policy to accelerate the development/deployment of all clean energy technologies.	Tim O'Grady, GM Government Engagement (lead)	<p>ALIGNED</p> <p>"As the peak body representing Australia's clean energy sector, the Clean Energy Council (CEC) works with industry and government to build a competitive and sustainable market to help accelerate the transformation of Australia's energy system to one that is smarter and cleaner."³</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>"The Clean Energy Council (CEC) has said that the results of REN21's Renewables 2021 <i>Global Status Report</i> highlights that Australia is not doing enough to decarbonise its economy and that urgent action is required within the next decade to reach the goal of net-zero emissions by 2050."⁴</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Gas Energy Australia (GEA)	Peak body for LPG	Lobbies government and advocates publicly for gaseous fuels including on environmental benefits, transport fuel growth and standards and regulation.	Ryan Willemsen-Bell, GM LPG (board member)	<p>PARTIALLY ALIGNED</p> <p>"The Association focuses on a range of areas in support of Australia's national interest – to achieve energy security and economic prosperity in a lower carbon economy."⁵</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>"Gas Energy Australia CEO John Griffiths said Australian-made gas creates jobs and keeps the lights on. "They're doing this now while delivering affordable emissions reductions and will do so more as the industry transitions to renewable gas," he said."⁶</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES

1 Source: energycouncil.com.au/news/australian-energy-council-backs-net-zero-emissions-by-2050/, accessed July 2021.

2 Fran, Jan, "The feds have ditched us on climate change; it's time that we ditch them too", The Saturday Age, 24 April 2021, p41.

3 Gredley, Rebecca, "Steggall raises climate pressure on PM," The Canberra Times, 10 November 2021, p9.

4 Source: appea.com.au/industry/policy/policy-positions/climate-change-policy-and-emissions-reduction/, accessed July 2021.

5 Williams, Perry, "Climate shock for energy giants", The Australian, 28 May 2021, pp 15 and 23.

6 Chambers, Geoff, "Corporate push on climate hijacked", The Australian, 5 May 2021, p5

7 Source: bca.com.au/energy_and_climate, accessed July 2021

8 Patrick, Aaron, "Big tech ready to go head-to-head with Coalition on climate", The Australian Financial Review, 31 May 2021, p7.

9 Paul, Sonali, "Industry, green groups push Australia for action after it fails to adopt new emission targets," Reuters, 23 April 2021, via au.investing.com/news/commodities-news/industry-green-groups-push-australia-for-action-after-it-fails-to-adopt-new-emission-targets-2334903 (accessed July 2021).

10 Source: qrc.org.au/policies/climate-and-energy-policy/, accessed July 2021.

11 Editorial, "Resources firms face green snub on finance", Kalgoorlie Miner, 26 June 2021, p38.

12 Source: cleanenergycouncil.org.au/advocacy-initiatives, accessed July 2021.

13 Shepherd, April, "CEC: New report shows Australia behind in renewables adoption", Energy Magazine Australia, <https://www.energymagazine.com.au/cec-new-report-shows-australia-behind-in-renewables-adoption/>, accessed July 2021

14 Source: gasenergyaustralia.asn.au/about-us/, accessed July 2021.

15 "Industry bodies release new gas report", The Australian Pipeliner, 29 September 2020, pipeliner.com.au/2020/09/29/industry-bodies-release-new-gas-report/, accessed July 2021.

5.2 Review outcomes - secondary industry associations

Secondary Industry Association	Purpose	Benefits of Membership	Origin's Role	Climate Change Position and Public Statements	Renew
Ammonia Energy Association (AEA)	Promotes the use of hydrogen based green ammonia	Global based industry body dedicated to promoting the use of CO2 free ammonia across value chains and economies.	Tracey Boyes, GM Future Growth (lead)	PARTIALLY ALIGNED “A greater challenge confronts us as we aim to accelerate the pace at which clean ammonia energy is created. We are scaling up our work to match the technological readiness, political necessity, social imperative, and commercial opportunity for ammonia energy.” NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND	YES
Australian Financial Markets Association (AFMA)	Peak body for financial markets	Access to market documentation, data and developing markets.	Greg Jarvis EGM (board member)	NO RESPONSE No explicit position on climate change. AFMA focuses on promoting efficient financial markets. NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND	YES
Australian Hydrogen Council (AHC)	Peak industry body for hydrogen	Promotes the economic and environmental potential of the developing hydrogen industry and seeks government and community support.	Tracey Boyes, GM Future Growth (lead)	PARTIALLY ALIGNED “We represent the emerging hydrogen industry and connect it with its stakeholders to collectively create a clean and resilient energy future that has hydrogen as a key part of the energy mix.” PUBLIC STATEMENTS - SUPPORTIVE “The development of an internationally recognised certification scheme is vital for the growth of a hydrogen industry in Australia as it helps our producers demonstrate the provenance of their hydrogen and provides consumers and export partners with assurances that the hydrogen they are using is renewable or zero emissions,” [AHC CEO Dr Fiona] Simon said.” NO NON-SUPPORTIVE STATEMENTS FOUND	YES
Australian Industry Greenhouse Network (AIGN)	Business network on climate change	Advocates for equitable treatment of Australian industry.	Matthew Kaspura, Manager Green and Future Energy Policy (lead)	PARTIALLY ALIGNED “Australia should make an equitable contribution, in accordance with its differentiated responsibilities and respective capability, to global action to reduce greenhouse gas emissions and to adapt to impacts of climate change.” PUBLIC STATEMENTS - SUPPORTIVE Australian Industry Greenhouse Network CEO Susie Smith said that “removing constraints on ARENA and CEFC to enable them to utilise the full range of low, zero and negative emission technologies is a sensible approach.” NO NON-SUPPORTIVE STATEMENTS FOUND	YES
Australian Institute of Energy (AIE)	Promotes understanding of energy issues	Attendance and participation in events, access to graduate engineers.	Tim O’Grady, GM Government Engagement (lead)	PARTIALLY ALIGNED “Our focus is on the latest thinking and innovation with an emphasis on improved use of technology and the development of responsible energy policies.” NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND	YES
Australian Logistics Council (ALC)	Peak industry body for logistics	The ALC represents major logistics supply chain customers, providers and suppliers with government.	Deirdre Lewis, GM HSE Energy Markets (lead)	PARTIALLY ALIGNED “They are critical to supporting future economic growth, encouraging investment, building more sustainable communities and preparing Australia for future global, national and regional challenges.” NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND	YES

Secondary Industry Association	Purpose	Benefits of Membership	Origin's Role	Climate Change Position and Public Statements	Renew
Australian Pipelines and Gas Association (APGA)	Peak body for pipelines	APGA is the peak body for Australasia's pipeline infrastructure including advocacy and research.	Joel Fletcher, Principal Pipeline Integrity Engineer (lead)	<p>ALIGNED</p> <p>“The relationship between climate and energy policy is a long-standing priority area for APGA. APGA accepts the science of climate change and fully supports the Paris Agreement.”</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“The new report concludes net-zero emissions can be reached with hydrogen at half the cost of electrification, while gas resources can be transformed into products and services to enhance prosperity and achieve carbon neutrality.</p> <p>“The vision sets out a clear and lasting role for gaseous fuels in a decarbonised future,” said APGA CEO Steve Davies.”³⁰ (Source: The Australian Pipeliner, 29 September 2020, https://www.pipeliner.com.au/2020/09/29/industry-bodies-release-new-gas-report/)</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Energy Efficiency Council (EEC)	Peak body for energy efficiency	Promotes policies that increase demand for energy management services and products for environmental and economic benefits.	Matthew Kaspura, Manager Green and Future Energy Policy (lead)	<p>PARTIALLY ALIGNED</p> <p>“Founded in 2009, the Council’s members are diverse, but are united by a common cause: building a sophisticated market for energy management products and services that delivers....an affordable, reliable and sustainable energy system for Australia.”</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“International ambition on climate change continues to grow, which is ratcheting up pressure on Australia to reduce its emissions.” Rob Murray-Leach (Source: EEC, 16 June 2021, https://www.eec.org.au/news/newsletters/article/policy-update-june-2021)</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Energy Policy Institute of Australia (EPIA)	Promotes sound energy policy	Promotes stakeholder collaboration and a whole of industry position on policy and issues.	Tim O’Grady, GM Government Engagement (Lead)	<p>PARTIALLY ALIGNED</p> <p>“It acknowledges all environmental concerns as well as the paramount interest of the public in having access to reliable, affordable and clean energy.”³¹</p> <p>NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND</p>	YES
Electric Vehicle Council (EVC)	Peak body for electric vehicles	The EVC is the national body representing the electric vehicle industry undertaking advocacy, research and engagement.	Chau Le GM Group Strategy (board member)	<p>PARTIALLY ALIGNED</p> <p>“The EVC is the national body for the electric vehicle industry in Australia. By representing businesses involved in producing, powering and supporting EVs, we aim to accelerate the electrification of road transport for a more sustainable and prosperous Australia.”³²</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“A rapid transition to electric vehicles would clean our city air, drastically reduce our carbon emissions, and free us from our insecure dependence on foreign oil imports,” said Electric Vehicle Council chief executive Behyad Jafari.”³³</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Group of 100 (G100)	Australia’s peak body for chief financial officers	Platform for ASX100 CFOs to share best practice and responses to changing regulatory and broader business environment.	Lawrie Tremaine, Chief Financial Officer (board member)	<p>NO RESPONSE</p> <p>NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND</p>	YES

Secondary Industry Association	Purpose	Benefits of Membership	Origin's Role	Climate Change Position and Public Statements	Renew
International Gas Union (IGU)	Peak international gas body	Access to international research and perspectives. Promotes gas internationally.	Tim O'Grady, GM Government Engagement (lead)	<p>PARTIALLY ALIGNED</p> <p>"The mission of IGU is to advocate gas as an integral part of a sustainable global energy system, and to promote the political, technical and economic progress of the gas industry."⁸</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>"IGU President, Joe Kang, said as world leaders plan for recovery from the health and economic crisis and seek a path to meet the Paris Agreement and Sustainable Development Goals, it is simply not achievable without gas."⁹ (Source, Petroleum Australia, 18 July 2021, https://petroleumaustralia.com.au/news_article/igu-releases-world-Ing-report-2021/)</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES
Maritime Industry Australia (MIA)	Represent Australian maritime businesses	MIA provides maritime expertise and advice and promotes a sustainable and competitive industry.	Nigel Jones, Head of LPG Supply & Business Sales (lead)	<p>PARTIALLY ALIGNED</p> <p>"MIA's role is to....raise awareness of and drive improved environmental performance."⁷</p> <p>NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND</p>	YES
World LPG Association (WLPGA)	Peak body for LPG globally	The WLPGA develops partnerships globally to address major issues with policy makers and opinion leaders.	Ryan Willemsen-Bell, GM LPG (lead)	<p>PARTIALLY ALIGNED</p> <p>"As governments start to enact ambitious legislation to accelerate the move to decarbonised economies, the LPG industry faces significant challenges, but also great opportunities."⁸</p> <p>NO PUBLIC STATEMENTS ON CLIMATE CHANGE FOUND</p>	YES
Carbon Markets Institute (CMI)	Promotes carbon markets	Influences carbon trading development. Provides access to local and international intelligence and providers.	Glenn Orgias GM Commercial Transactions (lead)	<p>ALIGNED</p> <p>"CMI is the independent industry association for business leading the transition to a net zero emissions economy."⁹</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>"Australia's domestic carbon industry must at least triple by 2030 to help keep global warming to the goals of the <i>Paris Agreement</i>," Connor [CMI CEO John Connor] says."¹⁰</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES

Secondary Industry Association	Purpose	Benefits of Membership	Origin's Role	Climate Change Position and Public Statements	Renew
Global CCS Institute (GCCSI)	Peak global body for carbon capture and storage	Provides local and international CCS advocacy and access to expert analysis and networking opportunities.	Nathan Parker Carbon Capture & Storage Lead (lead)	<p>PARTIALLY ALIGNED</p> <p>“The Global CCS Institute is an international think tank whose mission is to accelerate the deployment of carbon capture and storage (CCS), a vital technology to tackle climate change and deliver climate neutrality.”²¹</p> <p>PUBLIC STATEMENTS - SUPPORTIVE</p> <p>“CCS is also the only technology able to address emissions across major difficult-to-decarbonise industrial sectors, including steel, fertilisers and chemicals. It is a key technology, according to the IPCC and IEA, for achieving net zero emissions as carbon dioxide removal from the atmosphere will be necessary and cannot be achieved solely through nature-based solutions.” [Global CCS Institute CEO Brad Page]²²</p> <p>NO NON-SUPPORTIVE STATEMENTS FOUND</p>	YES

1 Source: ammoniaenergy.org/, accessed July 2021.

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5 Source: aign.net.au/policy_principles.html, accessed July 2021.

6 “Government’s vision for new energy technologies endorsed”, Get Industry, 18 September 2020, getindustry.com.au/2020/09/18/governments-vision-for-new-energy-technologies-endorsed/, accessed July 2021.

7 Source: aie.org.au/about/what-we-do/, accessed July 2021.

8 Source: austlogistics.com.au/wp-content/uploads/2018/08/Submission-to-the-Select-Committee-on-Electric-Vehicles.pdf, accessed July 2021.

9 Source: apga.org.au/issues

10 “Industry bodies release new gas report”, The Australian Pipeliner, 29 September 2020, pipeliner.com.au/2020/09/29/industry-bodies-release-new-gas-report/, accessed July 2021.

11 Source: eec.org.au/about-us/overview#/overview, accessed July 2021.

12 Source: energypolicyinstitute.com.au/index.php, accessed July 2021.

13 Source: electricvehiclecouncil.com.au/our-mission/, accessed July 2021.

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15 Source: igu.org/about/, accessed July 2021.

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19 Source: carbonmarketinstitute.org/, accessed July 2021

20 Durie, John, “Price is right for carbon”, The Weekend Australian, 5 June 2021, p36

21 Source: globalccsinstitute.com/, accessed July 2021.

22 O’Malley, Nick, “Explainer – what is carbon capture and storage (and how does it work)?”, The Age, 24 January 2021, theage.com.au/national/what-is-carbon-capture-and-storage-and-does-it-work-20210122-p56w5z.html, accessed July 2021.

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